

# EMS MMS

SOLUTIONS DE MANUTENTION & PIÈCES DÉTACHÉES

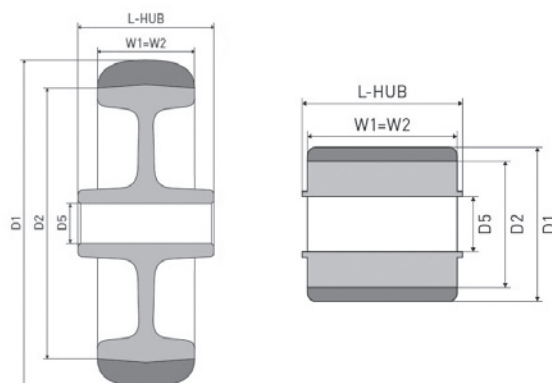
## ROUES, GALETS & ROULETTES

# ROLLERS & WHEELS

CATALOGUE TECHNIQUE EMS / MMS

PHOTOS NON CONTRACTUELLES

## NYLON ROLLERS & LOAD WHEELS WITH FULL-BORE

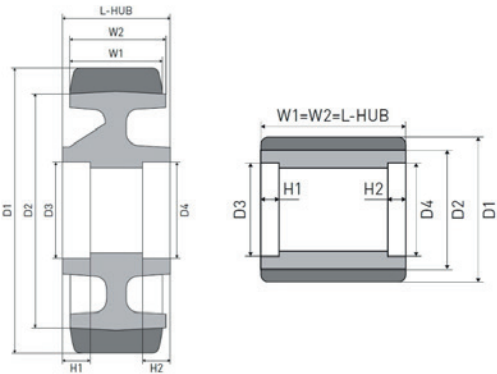


| Dia<br>mm | Width<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | REF          |
|-----------|-------------|--------------------------|---------------------|----------------------|--------------|
| 20        | 17,5        |                          |                     | 9                    | MMS-RG-00001 |
| 22        | 10          |                          | 10                  | 10,2                 | MMS-RG-00003 |
| 24        | 12,7        |                          | 8                   | 8                    | MMS-RG-00005 |
| 25,3      | 15          |                          | 15                  | 8,2                  | MMS-RG-00007 |
| 27        | 20          |                          | 20                  | 10                   | MMS-RG-00009 |
| 29        | 21          |                          |                     | 12                   | MMS-RG-00011 |
| 30        | 19,7        |                          | 19,7                | 10,4                 | MMS-RG-00013 |
| 31        | 29,8        |                          |                     | 8,3                  | MMS-RG-00015 |
| 32        | 20          | 24                       | 24                  | 10,2                 | MMS-RG-00017 |
| 34        | 54,5        |                          |                     | 20                   | MMS-RG-00019 |
| 35,8      | 54,5        |                          | 54,5                | 20,8                 | MMS-RG-00021 |
| 37        | 20          |                          | 20                  | 11,2                 | MMS-RG-00023 |
| 37,5      | 57          |                          |                     | 17,5                 | MMS-RG-00025 |
| 38        | 47,5        |                          |                     | 20,5                 | MMS-RG-00027 |
| 38        | 62          |                          | 62                  | 20                   | MMS-RG-00029 |
| 38,2      | 26,4        |                          |                     | 13                   | MMS-RG-00031 |
| 39        | 46          |                          |                     | 17,4                 | MMS-RG-00033 |
| 40        | 63          |                          |                     | 21                   | MMS-RG-00035 |
| 44        | 18,3        |                          |                     | 18,7                 | MMS-RG-00037 |
| 44        | 20          |                          |                     | 19                   | MMS-RG-00039 |
| 44        | 33          |                          | 45,5                | 18,8                 | MMS-RG-00041 |
| 45        | 19          |                          |                     | 13                   | MMS-RG-00043 |
| 45        | 61,5        |                          |                     | 19,4                 | MMS-RG-00045 |
| 46        | 29          |                          | 36                  | 12                   | MMS-RG-00047 |
| 49,5      | 29,5        |                          | 41,8                | 10,6                 | MMS-RG-00049 |
| 49        | 30          | 38                       | 38                  | 10,3                 | MMS-RG-00051 |
| 49,7      | 36,5        |                          | 36,5                | 8,2                  | MMS-RG-00053 |
| 50        | 22          |                          | 28,2                | 8,4                  | MMS-RG-00055 |
| 50        | 29          |                          | 34,5                | 10,8                 | MMS-RG-00057 |
| 50        | 32,5        |                          | 34,5                | 14,2                 | MMS-RG-00059 |
| 50        | 20          |                          | 24                  | 9,8                  | MMS-RG-00060 |
| 50        | 25          |                          | 25                  | 16,4                 | MMS-RG-00061 |
| 50        | 29          |                          | 34,5                | 10,8                 | MMS-RG-00062 |
| 50        | 30          |                          | 34                  | 8,5                  | MMS-RG-00063 |
| 50        | 30          |                          | 36                  | 6,5                  | MMS-RG-00064 |
| 50        | 35          | 37                       |                     | 14,2                 | MMS-RG-00065 |
| 50,8      | 25          |                          | 28                  | 12,7                 | MMS-RG-00066 |

| Dia<br>mm | Width<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | REF          |
|-----------|-------------|--------------------------|---------------------|----------------------|--------------|
| 51        | 44          | 44                       |                     | 20                   | MMS-RG-00002 |
| 54        | 25          |                          | 30                  | 10,3                 | MMS-RG-00004 |
| 59        | 49          |                          | 49                  | 12                   | MMS-RG-00006 |
| 60        | 71          |                          |                     | 21,7                 | MMS-RG-00008 |
| 63        | 32          |                          | 37                  | 22,8                 | MMS-RG-00010 |
| 64        | 25          |                          | 38                  | 8,5                  | MMS-RG-00012 |
| 66        | 53          |                          | 53                  | 20,5                 | MMS-RG-00014 |
| 73,6      | 39,5        |                          | 44,7                | 40                   | MMS-RG-00016 |
| 75        | 25          |                          | 25,5                | 26                   | MMS-RG-00018 |
| 75,1      | 45          |                          |                     | 30,8                 | MMS-RG-00020 |
| 77        | 99,5        |                          |                     | 13,25                | MMS-RG-00022 |
| 80        | 16,5        |                          | 24                  | 12,8                 | MMS-RG-00024 |
| 80        | 35          |                          |                     | 30                   | MMS-RG-00026 |
| 80        | 53          |                          |                     | 25                   | MMS-RG-00028 |
| 88        | 31          |                          | 37,2                | 22,7                 | MMS-RG-00030 |
| 88        | 32          |                          | 32                  | 22                   | MMS-RG-00032 |
| 93        | 50          |                          |                     | 55,3                 | MMS-RG-00034 |
| 97        | 39          |                          | 45                  | 36                   | MMS-RG-00036 |
| 97        | 49          |                          | 29                  | 30,5                 | MMS-RG-00038 |
| 98        | 45          |                          |                     | 39                   | MMS-RG-00040 |
| 100       | 20          |                          | 17,3                | 45                   | MMS-RG-00042 |
| 100       | 23,5        |                          | 23,5                | 16,5                 | MMS-RG-00044 |
| 100,3     | 40          |                          | 46,1                | 30,8                 | MMS-RG-00046 |
| 100       | 53          |                          |                     | 28                   | MMS-RG-00048 |
| 110       | 78          |                          |                     | 37                   | MMS-RG-00050 |
| 139       | 20          |                          | 15                  | 12,8                 | MMS-RG-00052 |
| 144       | 22          |                          | 22                  | 50,5                 | MMS-RG-00054 |
| 146       | 25          |                          | 25                  | 25,6                 | MMS-RG-00056 |
| 152       | 50          |                          | 55                  | 19,5                 | MMS-RG-00058 |

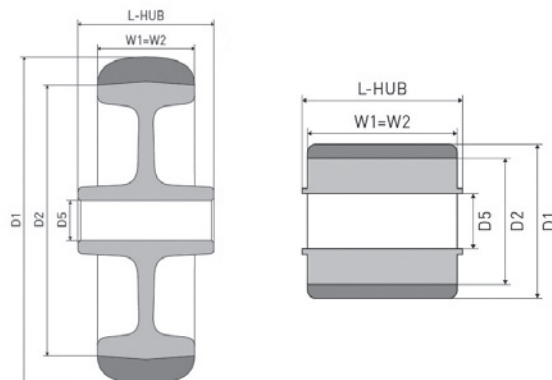


NYLON ROLLERS & LOAD WHEELS WITHOUT BEARINGS



| Dia | Width | H1   | H2   | Length | Dia     | REF          |
|-----|-------|------|------|--------|---------|--------------|
| mm  | mm    | mm   | mm   | hub    | shaft 1 |              |
| mm  | mm    | mm   | mm   | mm     | mm      |              |
| 45  | 20    |      |      |        | 16      | MMS-RG-00067 |
| 45  | 20    |      |      |        | 16      | MMS-RG-00068 |
| 45  | 27    | 12,6 | 6,5  |        |         | MMS-RG-00069 |
| 50  | 30    | 10   | 10   |        |         | MMS-RG-00070 |
| 74  | 96    | 14   | 14   |        |         | MMS-RG-00071 |
| 75  | 50    | 14   | 14   |        |         | MMS-RG-00072 |
| 80  | 93    | 13,6 | 13,6 | 93     |         | MMS-RG-00073 |
| 80  | 98    | 14   | 14   |        |         | MMS-RG-00074 |
| 82  | 60    | 14   | 14   | 60     |         | MMS-RG-00075 |
| 82  | 60    | 16   | 16   | 60     |         | MMS-RG-00076 |
| 82  | 70    | 14   | 14   | 70     |         | MMS-RG-00077 |
| 82  | 90    | 14   | 14   |        |         | MMS-RG-00078 |
| 82  | 100   | 14   | 14   |        |         | MMS-RG-00079 |
| 82  | 100   | 16   | 16   |        |         | MMS-RG-00080 |
| 85  | 70    | 14   | 14   |        |         | MMS-RG-00081 |
| 85  | 75    | 14   | 14   |        |         | MMS-RG-00082 |
| 85  | 90    | 14   | 14   |        |         | MMS-RG-00083 |
| 85  | 95    | 15   | 15   | 95     |         | MMS-RG-00084 |
| 175 | 56    | 17   | 15   | 53     |         | MMS-RG-00085 |
| 175 | 56    | 49   |      | 61     |         | MMS-RG-00086 |
| 178 | 50    | 22,3 | 15,3 | 50     |         | MMS-RG-00087 |
| 200 | 48    | 17   | 17   | 60     |         | MMS-RG-00088 |
| 200 | 48    | 20   | 14   | 50     |         | MMS-RG-00089 |
| 200 | 50    | 21   | 14   | 56     |         | MMS-RG-00090 |

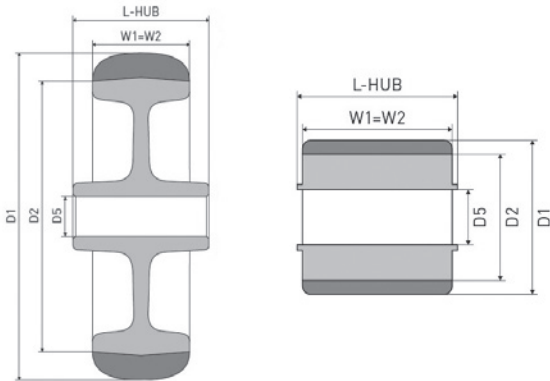
## NYLON ROLLERS & LOAD WHEELS WITH BEARINGS



| Dia<br>mm | Width<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Bearing | REF          |
|-----------|-------------|--------------------------|---------------------|----------------------|---------|--------------|
| 50        | 30          | 30                       |                     | 17                   | 6003    | MMS-RG-00091 |
| 50        | 70          | 70,3                     | 70                  | 17                   | 6003    | MMS-RG-00093 |
| 58        | 64          | 67                       |                     | 19                   | 6204    | MMS-RG-00095 |
| 75        | 50          | 50                       |                     | 20                   | 6204    | MMS-RG-00097 |
| 75        | 65          | 61                       |                     | 20                   | 6204    | MMS-RG-00099 |
| 75        | 66          | 70                       |                     | 20                   | 6204    | MMS-RG-00101 |
| 75        | 73,5        | 77                       | 73,5                | 17                   | 6303    | MMS-RG-00103 |
| 75        | 75          | 76                       |                     | 17                   | 6303    | MMS-RG-00105 |
| 75        | 100         | 100,7                    | 100                 | 17                   | 6303    | MMS-RG-00107 |
| 78        | 38          | 42                       |                     | 13                   | 6203    | MMS-RG-00109 |
| 78        | 95          | 77                       |                     | 20                   | 6204    | MMS-RG-00111 |
| 79        | 70          | 79                       |                     | 20                   | 6204    | MMS-RG-00113 |
| 80        | 50          | 50                       |                     | 20                   | 6204    | MMS-RG-00115 |
| 80        | 86          | 92                       | 90                  | 20                   | 6204    | MMS-RG-00117 |
| 80        | 90          |                          |                     | 20                   | 6204    | MMS-RG-00119 |
| 80        | 90          | 88                       |                     | 20                   | 6204    | MMS-RG-00121 |
| 80        | 91,5        | 94,5                     | 91,5                | 20                   | 6005    | MMS-RG-00123 |
| 80        | 98          | 103                      |                     | 17                   | 6303    | MMS-RG-00125 |
| 82        | 60          |                          |                     | 20                   | 6204    | MMS-RG-00127 |
| 82        | 60          | 56                       | 60                  | 20                   | -       | MMS-RG-00129 |
| 82        | 60          | 60                       |                     | 20                   | 6204    | MMS-RG-00131 |
| 82        | 62          | 64                       | 62                  | 20                   | 6204    | MMS-RG-00133 |
| 82        | 64          | 64                       | 64                  | 20                   | 6204    | MMS-RG-00135 |
| 82        | 69          | 62                       |                     | 20                   | 6204    | MMS-RG-00137 |
| 82        | 69          | 69                       | 69                  | 20                   | 6204    | MMS-RG-00139 |
| 82        | 70          | 70                       |                     | 20                   | 6204    | MMS-RG-00141 |
| 82        | 70          | 70                       | 70                  | 20                   | 6204    | MMS-RG-00143 |
| 82        | 70          | 74                       |                     | 20                   | 6204    | MMS-RG-00145 |
| 82        | 72          | 77,8                     | 72                  | 17                   | S6303   | MMS-RG-00147 |
| 82        | 72          | 78                       | 72                  | 20                   | 6204    | MMS-RG-00149 |
| 82        | 82          | 82                       |                     | 20                   | 6204    | MMS-RG-00151 |
| 82        | 90          | 90                       |                     | 20                   | 6204    | MMS-RG-00153 |
| 82        | 90          | 96                       |                     | 20                   | -       | MMS-RG-00155 |
| 82        | 95          | 98                       |                     | 20                   | 6204    | MMS-RG-00156 |
| 82        | 97          | 103                      |                     | 20                   | 6204    | MMS-RG-00157 |
| 82        | 98          | 98                       | 98                  | 20                   | 6204    | MMS-RG-00158 |
| 82        | 98          | 98                       |                     | 20                   | 6204    | MMS-RG-00159 |

| Dia<br>mm | Width<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Bearing | REF          |
|-----------|-------------|--------------------------|---------------------|----------------------|---------|--------------|
| 82        | 100         | 100                      |                     | 20                   | 6204    | MMS-RG-00092 |
| 82        | 100         | 102                      |                     | 17                   | 22053   | MMS-RG-00094 |
| 82        | 100         | 104                      |                     | 20                   | 6204    | MMS-RG-00096 |
| 82        | 105         |                          |                     | 20                   | 6204    | MMS-RG-00098 |
| 83        | 98          | 100,4                    |                     | 17                   | 6303    | MMS-RG-00100 |
| 84        | 90          | 90                       | 90                  | 20                   | 6204    | MMS-RG-00102 |
| 85        | 65          | 70                       |                     | 20                   | 6204    | MMS-RG-00104 |
| 85        | 68          | 68                       |                     | 20                   | 6204    | MMS-RG-00106 |
| 85        | 73          | 77                       |                     | 17                   | 6303    | MMS-RG-00108 |
| 85        | 75          | 78                       |                     | 17                   | 6303    | MMS-RG-00110 |
| 85        | 95          |                          |                     | 20                   | 6204    | MMS-RG-00112 |
| 102       | 32          | 36                       |                     | 19                   | 6204    | MMS-RG-00114 |
| 150       | 42          | 50                       | 50                  | 20                   | 6204    | MMS-RG-00116 |
| 169       | 50          | 52                       | 60                  | 20                   | 6204    | MMS-RG-00118 |
| 170       | 50          | 53                       | 59                  | 20                   | 6204    | MMS-RG-00120 |
| 175       | 56          | 43                       | 53                  | 20                   | 6204    | MMS-RG-00122 |
| 175       | 56          | 43                       | 53                  | 20                   | S6204   | MMS-RG-00124 |
| 180       | 50          | 36                       | 50                  | 20                   | 6204    | MMS-RG-00126 |
| 180       | 50          | 43                       | 50                  | 20                   | 6204    | MMS-RG-00128 |
| 180       | 50          | 48,5                     | 52                  | 25                   | 6205    | MMS-RG-00130 |
| 180       | 50          | 43                       | 50                  | 20                   | 6204    | MMS-RG-00132 |
| 200       | 48          | 47                       | 60                  | 25                   | 6205    | MMS-RG-00134 |
| 200       | 48          | 45                       | 60                  | 25                   | 6205    | MMS-RG-00136 |
| 200       | 48          | 54                       | 60                  | 20                   | 6204    | MMS-RG-00138 |
| 200       | 50          | 32,5                     | 50                  | 20                   | 6204    | MMS-RG-00140 |
| 200       | 50          | 43                       | 50                  | 20                   | 6204    | MMS-RG-00142 |
| 200       | 50          | 44                       | 50                  | 20                   | 6204    | MMS-RG-00144 |
| 200       | 50          | 48                       | 52                  | 25                   | 6005    | MMS-RG-00146 |
| 200       | 50          | 48                       | 55                  | 20                   | 6204    | MMS-RG-00148 |
| 200       | 50          | 54                       | 59                  | 25                   | 6205    | MMS-RG-00150 |
| 200       | 50          | 54                       | 59                  | 25                   | 6205    | MMS-RG-00152 |
| 200       | 50          | 58                       | 58                  | 20                   | 6204    | MMS-RG-00154 |

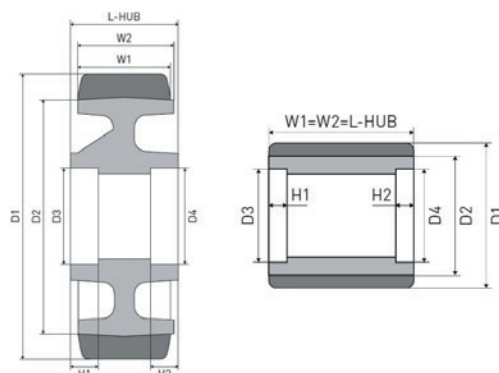
NYLON ROLLERS & LOAD WHEELS WITH SEALED BEARINGS



| Dia<br>mm | Width<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Bearing | REF       |
|-----------|-------------|--------------------------|---------------------|----------------------|---------|-----------|
| 78        | 95          | 77                       |                     | 20                   | 6204    | 126TA6225 |
| 82        | 100         | 104                      |                     | 20                   | 6204    | 107TA6776 |
| 85        | 65          | 70                       |                     | 20                   | 6204    | 107TA2922 |
| 85        | 75          | 78                       |                     | 17                   | 6303    | 107TA2936 |

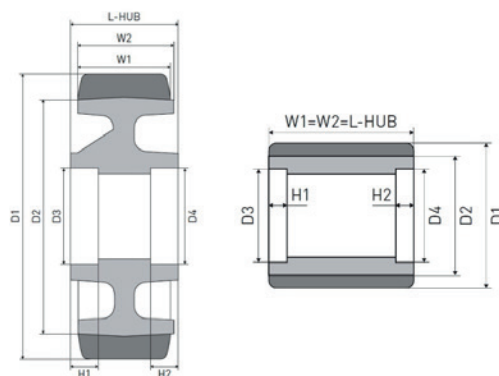


## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITHOUT BEARINGS



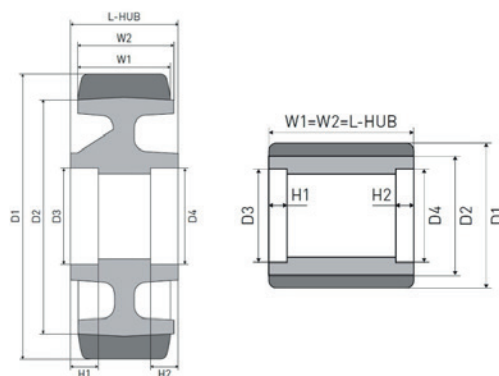
| Material | Dia mm | Width mm | H1 mm | H2 mm | Length hub mm | REF          |
|----------|--------|----------|-------|-------|---------------|--------------|
| PU       | 44     | 17       | 7     | 7     | 17            | MMS-RG-00160 |
| PU       | 50     | 60       | 10    | 10    | 60            | MMS-RG-00161 |
| PU       | 60     | 30       | 11    | 11    |               | MMS-RG-00162 |
| PU       | 70     | 40       | 15    | 15    | 40            | MMS-RG-00163 |
| PU       | 70     | 70       | 14    | 14    | 70            | MMS-RG-00164 |
| PU       | 74     | 48       | 14    | 14    | 48            | MMS-RG-00165 |
| PU       | 75     | 40       | 14    | 14    | 40            | MMS-RG-00166 |
| PU       | 75     | 62       | 14    | 14    | 62            | MMS-RG-00167 |
| PU       | 75     | 70       | 14    | 14    |               | MMS-RG-00168 |
| PU       | 75     | 75       | 14    | 14    | 75            | MMS-RG-00169 |
| PU       | 75     | 75       | 14    | 14    | 75            | MMS-RG-00170 |
| PU       | 75     | 80       | 14    | 14    | 80            | MMS-RG-00171 |
| PU       | 75     | 88       | 15    | 15    |               | MMS-RG-00172 |
| PU       | 75     | 95       | 14    | 14    |               | MMS-RG-00173 |
| PU       | 75     | 98       | 14    | 14    | 98            | MMS-RG-00174 |
| PU       | 78     | 78       | 16    | 16    |               | MMS-RG-00175 |
| PU       | 80     | 30       | 11,5  | 11,5  |               | MMS-RG-00176 |
| PU       | 80     | 30       | 11,5  | 11,5  | 30            | MMS-RG-00177 |
| PU       | 80     | 40       | 14    | 14    |               | MMS-RG-00178 |
| PU       | 80     | 54       | 14    | 14    | 54            | MMS-RG-00179 |
| PU       | 80     | 62       | 18    | 18    |               | MMS-RG-00180 |
| PU       | 80     | 70       | 14    | 14    | 70            | MMS-RG-00181 |
| PU       | 80     | 70       | 19    | 19    | 70            | MMS-RG-00182 |
| PU       | 80     | 74       | 14    | 14    |               | MMS-RG-00183 |
| PU       | 80     | 80       | 14    | 14    |               | MMS-RG-00184 |
| PU       | 80     | 80       | 22    | 22    |               | MMS-RG-00185 |
| PU       | 80     | 90       | 14    | 14    | 90            | MMS-RG-00186 |
| PU       | 80     | 93       | 14    | 14    |               | MMS-RG-00187 |
| PU       | 80     | 93       | 14    | 14    | 93            | MMS-RG-00188 |
| PU       | 80     | 95       | 14    | 14    | 95            | MMS-RG-00189 |
| PU       | 82     | 34       | 11    | 11    |               | MMS-RG-00190 |
| PU       | 82     | 60       | 14    | 14    |               | MMS-RG-00191 |
| PU       | 82     | 60       | 16    | 16    |               | MMS-RG-00192 |
| PU       | 82     | 60       | 22    | 22    | 60            | MMS-RG-00193 |
| PU       | 82     | 62       | 13    | 13    | 62            | MMS-RG-00194 |
| PU       | 82     | 65       | 14    | 14    | 65            | MMS-RG-00195 |
| PU       | 82     | 70       | 12    | 12    |               | MMS-RG-00196 |
| PU       | 82     | 70       | 14    | 14    | 70            | MMS-RG-00197 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITHOUT BEARINGS



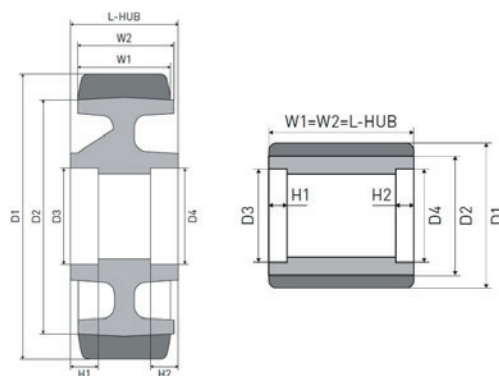
| Material | Dia mm | Width mm | H1 mm | H2 mm | Length hub mm | REF          |
|----------|--------|----------|-------|-------|---------------|--------------|
| PU       | 82     | 70       | 16    | 16    | 70            | MMS-RG-00198 |
| PU       | 82     | 78       | 16    | 16    | 78            | MMS-RG-00199 |
| PU       | 82     | 85       | 14    | 14    | 85            | MMS-RG-00200 |
| PU       | 82     | 96       | 14    | 14    | 96            | MMS-RG-00201 |
| PU       | 82     | 98       | 24    | 24    | 98            | MMS-RG-00202 |
| PU       | 82     | 100      | 12    | 12    | 100           | MMS-RG-00203 |
| PU       | 82     | 100      | 16    | 16    | 100           | MMS-RG-00204 |
| VU       | 82     | 100      | 20    | 20    | 100           | MMS-RG-00205 |
| PU       | 82     | 115      | 16    | 16    | 115           | MMS-RG-00206 |
| PU       | 83     | 100      | 14    | 14    | 100           | MMS-RG-00207 |
| PU       | 83     | 102      | 18    | 18    |               | MMS-RG-00208 |
| PU       | 85     | 45       | 15    | 15    | 45            | MMS-RG-00209 |
| PU       | 85     | 48       | 14    | 14    |               | MMS-RG-00210 |
| PU       | 85     | 60       | 14    | 14    | 60            | MMS-RG-00211 |
| PU       | 85     | 65       | 14    | 14    |               | MMS-RG-00212 |
| VU       | 85     | 66       | 25    | 25    |               | MMS-RG-00213 |
| PU       | 85     | 70       | 14    | 14    | 70            | MMS-RG-00214 |
| PU       | 85     | 70       | 17    | 17    |               | MMS-RG-00215 |
| PU       | 85     | 70       | 15    |       | 70            | MMS-RG-00216 |
| PU       | 85     | 70       | 23    | 23    | 70            | MMS-RG-00217 |
| VU       | 85     | 70       | 25    | 25    | 70            | MMS-RG-00218 |
| PU       | 85     | 75       | 14    | 14    | 75            | MMS-RG-00219 |
| PU       | 85     | 75       | 22    | 22    | 75            | MMS-RG-00220 |
| PU       | 85     | 80       | 14    | 14    | 80            | MMS-RG-00221 |
| PU       | 85     | 85       | 14    | 14    | 85            | MMS-RG-00222 |
| PU       | 85     | 90       | 14    | 17    | 90            | MMS-RG-00223 |
| PU       | 85     | 90       | 18    | 18    | 90            | MMS-RG-00224 |
| VU       | 85     | 90       | 25    | 25    | 90            | MMS-RG-00225 |
| PU       | 85     | 95       | 14    | 14    | 95            | MMS-RG-00226 |
| PU       | 85     | 100      | 14    | 14    | 100           | MMS-RG-00227 |
| PU       | 86     | 100      | 20,5  | 20,5  | 100           | MMS-RG-00228 |
| PU       | 89     | 48       | 21    | 21    |               | MMS-RG-00229 |
| PU       | 90     | 50       | 15    | 15    | 50            | MMS-RG-00230 |
| PU       | 90     | 50       | 21    | 21    |               | MMS-RG-00231 |
| PU       | 100    | 30       | 11    | 11    | 30            | MMS-RG-00232 |
| PU       | 100    | 40       | 9     | 9     | 40            | MMS-RG-00233 |
| PU       | 100    | 40       | 13    | 13    |               | MMS-RG-00234 |
| PU       | 100    | 40       | 14    | 14    |               | MMS-RG-00235 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITHOUT BEARINGS



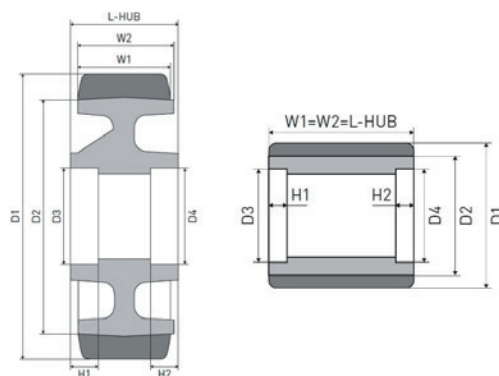
| Material | Dia mm | Width mm | H1 mm | H2 mm | Length hub mm | REF          |
|----------|--------|----------|-------|-------|---------------|--------------|
| PU       | 100    | 40       | 14    | 14    | 40            | MMS-RG-00236 |
| PU       | 100    | 40       | 14    | 14    |               | MMS-RG-00237 |
| PU       | 100    | 40       | 15    | 15    | 40            | MMS-RG-00238 |
| VU       | 100    | 45       | 25    | 13    |               | MMS-RG-00239 |
| PU       | 100    | 50       | 14    | 14    |               | MMS-RG-00240 |
| PU       | 100    | 70       | 14    | 14    |               | MMS-RG-00241 |
| PU       | 101    | 51       | 15,1  | 15,1  | 51            | MMS-RG-00242 |
| PU       | 103    | 64       | 15    | 15    | 64            | MMS-RG-00243 |
| PU       | 108    | 56       | 19    | 19    | 56            | MMS-RG-00244 |
| PU       | 110    | 50       | 16    | 16    | 50            | MMS-RG-00245 |
| PU       | 114    | 55       | 20    | 20    |               | MMS-RG-00246 |
| PU       | 115    | 55       | 20    | 20    |               | MMS-RG-00247 |
| PU       | 115    | 55       | 20    | 20    | 55            | MMS-RG-00248 |
| PU       | 120    | 40       | 16    | 16    | 50            | MMS-RG-00249 |
| PU       | 120    | 50       | 16    | 16    | 50            | MMS-RG-00250 |
| PU       | 120    | 50       | 16    | 16    | 50            | MMS-RG-00251 |
| PU       | 120    | 50       | 15    | 15    | 50            | MMS-RG-00252 |
| PU       | 125    | 50       | 14    | 14    | 55            | MMS-RG-00253 |
| PU       | 125    | 50       | 16    | 16    | 50            | MMS-RG-00254 |
| PU       | 125    | 50       | 15    | 15    | 50            | MMS-RG-00255 |
| PU       | 125    | 50       | 15,7  | 15,7  | 50,2          | MMS-RG-00256 |
| VU       | 125    | 65       | 14    | 14    | 65            | MMS-RG-00257 |
| PU       | 127    | 73       | 20    | 20    |               | MMS-RG-00258 |
| PU       | 127    | 73       | 25    | 25    | 73            | MMS-RG-00259 |
| PU       | 130    | 55       | 16    | 16    | 55            | MMS-RG-00260 |
| PU       | 130    | 55       | 16    | 16    | 60            | MMS-RG-00261 |
| PU       | 140    | 55       | 15,5  | 15,5  | 55            | MMS-RG-00262 |
| PU       | 140    | 60       | 15    | 15    | 68            | MMS-RG-00263 |
| VU       | 140    | 60       | 25,5  | 25,5  | 60            | MMS-RG-00264 |
| PU       | 150    | 36       | 14    | 14    | 38            | MMS-RG-00265 |
| PU       | 150    | 37       | 18    | 18    |               | MMS-RG-00266 |
| PU       | 150    | 40       | 14    | 14    | 40            | MMS-RG-00267 |
| PU       | 150    | 40       | 17    | 17    | 50            | MMS-RG-00268 |
| VU       | 150    | 40       | 17    | 17    | 49            | MMS-RG-00269 |
| PU       | 150    | 50       | 14    | 14    | 55            | MMS-RG-00270 |
| PU       | 150    | 50       | 17    | 17    | 59            | MMS-RG-00271 |
| PU       | 150    | 50       | 21,5  | 21,5  | 56            | MMS-RG-00272 |
| PU       | 150    | 50       | 15    | 15    | 50            | MMS-RG-00273 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITHOUT BEARINGS



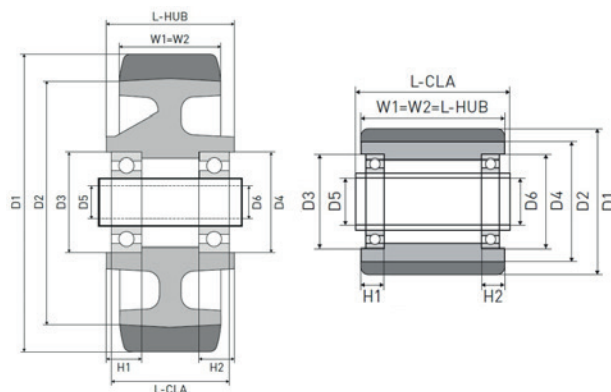
| Material | Dia mm | Width mm | H1 mm | H2 mm | Length hub mm | REF          |
|----------|--------|----------|-------|-------|---------------|--------------|
| PU       | 150    | 50       | 15    | 15    | 50            | MMS-RG-00274 |
| PU       | 150    | 54       | 13    | 13    | 59            | MMS-RG-00275 |
| PU       | 150    | 54       | 14    | 14    | 58            | MMS-RG-00276 |
| PU       | 150    | 54       | 14    | 14    | 60            | MMS-RG-00277 |
| PU       | 150    | 55       | 14    | 14    | 60            | MMS-RG-00278 |
| PU       | 150    | 62       | 14    | 14    | 65            | MMS-RG-00279 |
| PU       | 152    | 70       | 21    | 21    | 70            | MMS-RG-00280 |
| PU       | 150    | 72       | 16    | 16    | 72            | MMS-RG-00281 |
| PU       | 150    | 80       | 26    | 17    | 80            | MMS-RG-00282 |
| PU       | 152    | 105      | 20    | 20    | 80            | MMS-RG-00283 |
| PU       | 160    | 50       | 17    | 17    | 60            | MMS-RG-00284 |
| PU       | 165    | 60       | 16    | 16    | 60            | MMS-RG-00285 |
| PU       | 174    | 62       | 48    |       | 62            | MMS-RG-00286 |
| PU       | 180    | 50       | 20    | 14    | 44            | MMS-RG-00287 |
| VU       | 180    | 100      | 42    |       | 77            | MMS-RG-00288 |
| PU       | 200    | 50       | 17    | 17    | 60            | MMS-RG-00289 |
| PU       | 200    | 50       | 17    | 17    | 60            | MMS-RG-00290 |
| PU       | 200    | 100      | 18,2  | 18,2  | 95            | MMS-RG-00291 |
| PU       | 205    | 102      | 23    | 23    | 110           | MMS-RG-00292 |
| PU       | 230    | 110      | 25    | 25    | 110           | MMS-RG-00293 |
| VU       | 230    | 140      | 35    | 32    | 73            | MMS-RG-00294 |
| VU       | 232    | 115      | 20    | 15    | 55            | MMS-RG-00295 |
| VU       | 250    | 100      | 28    | 28    | 100           | MMS-RG-00296 |
| PU       | 254    | 100      | 35    | 30    | 80            | MMS-RG-00297 |
| PU       | 254    | 120      | 21    | 21    | 57            | MMS-RG-00298 |
| VU       | 260    | 85       | 16    | 16    | 87            | MMS-RG-00299 |
| VU       | 285    | 75       | 30    | 26    | 68            | MMS-RG-00300 |
| VU       | 285    | 75       | 35    | 30    | 69            | MMS-RG-00301 |
| PU       | 285    | 75       | 35    | 30    | 69            | MMS-RG-00302 |
| PU       | 285    | 85       | 43    | 26    | 79            | MMS-RG-00303 |
| VU       | 285    | 85       | 43    | 25    | 79            | MMS-RG-00304 |
| VU       | 285    | 100      | 22    | 17    | 17            | MMS-RG-00305 |
| VU       | 285    | 100      | 29    | 27,5  | 74            | MMS-RG-00306 |
| VU       | 285    | 100      | 64    |       | 74            | MMS-RG-00307 |
| VU       | 285    | 100      | 19    | 19    | 81            | MMS-RG-00308 |
| VU       | 285    | 100      | 28    | 28    | 100           | MMS-RG-00309 |
| VU       | 285    | 105      | 26    | 26    | 105           | MMS-RG-00310 |
| VU       | 285    | 105      | 38    | 38    | 110           | MMS-RG-00311 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITHOUT BEARINGS



| Material | Dia mm | Width mm | H1 mm | H2 mm | Length hub mm | REF          |
|----------|--------|----------|-------|-------|---------------|--------------|
| VU       | 285    | 110      | 38    | 19    | 68            | MMS-RG-00312 |
| VU       | 300    | 100      | 28    | 28    | 100           | MMS-RG-00313 |
| VU       | 310    | 120      | 40    | 21    | 111           | MMS-RG-00314 |
| VU       | 330    | 100      | 27    | 27    | 74            | MMS-RG-00315 |
| VU       | 330    | 100      | 64    |       | 74            | MMS-RG-00316 |
| VU       | 343    | 146      | 26    | 19    | 82            | MMS-RG-00317 |
| VU       | 350    | 100      | 22    | 15    | 67            | MMS-RG-00318 |
| VU       | 350    | 100      | 22    | 15    | 67            | MMS-RG-00319 |
| VU       | 350    | 100      | 30    | 22    | 59            | MMS-RG-00320 |

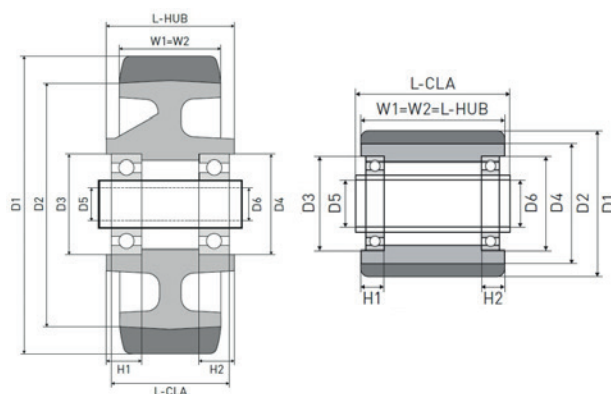
## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 30     | 11       | 7                  |               | 8              | 608-Z      | MMS-RG-00321 |
| PU       | 35     | 117      | 114,5              |               | 8              | 608-RS     | MMS-RG-00322 |
| PU       | 38     | 77       | 78                 |               | 10             | 6000-2RS   | MMS-RG-00323 |
| PU       | 50     | 61       | 61                 | 61            | 17             | 6003-RS    | MMS-RG-00324 |
| PU       | 50     | 70       | 73                 |               | 17             | 6003-RS    | MMS-RG-00325 |
| PU       | 60     | 35       | 36,8               | 35            | 12             | 6201-RS    | MMS-RG-00326 |
| PU       | 65     | 53       | 53                 |               | 20             | 6004       | MMS-RG-00327 |
| PU       | 70     | 60       | 60                 | 60            | 20             | 6204-RS    | MMS-RG-00328 |
| PU       | 70     | 60       | 60                 |               | 20             | 6304-RS    | MMS-RG-00329 |
| PU       | 70     | 70       | 70                 | 70            | 15             | 6206-Z     | MMS-RG-00330 |
| PU       | 70     | 70       | 70                 | 70            | 20             | 6204-2RS   | MMS-RG-00331 |
| PU       | 70     | 70       | 71,5               | 70            | 20             | 6204-ZVPX1 | MMS-RG-00332 |
| PU       | 70     | 78       | 70                 | 78            | 20             | 6004-Z     | MMS-RG-00333 |
| PU       | 70     | 100      | 96                 | 100           | 20             | 6204-Z     | MMS-RG-00334 |
| PU       | 74     | 88       | 88                 |               | 20             | 6204-ZZ    | MMS-RG-00335 |
| PU       | 75     | 25       | 30                 | 30            | 12             | 6001-ZZ    | MMS-RG-00336 |
| PU       | 75     | 40       | 40                 |               | 20             | 6204-RS    | MMS-RG-00337 |
| PU       | 75     | 50       | 50                 |               | 20             | 6204-2RS   | MMS-RG-00338 |
| PU       | 75     | 50       | 50                 | 50            | 20             | 6204-2RS   | MMS-RG-00339 |
| PU       | 75     | 60       | 60                 | 60            | 20             | 6204-RS    | MMS-RG-00340 |
| PU       | 75     | 62       | 62                 |               | 17             | 6303-Z     | MMS-RG-00341 |
| PU       | 75     | 62       | 62                 | 62            | 20             | 6204-2RS   | MMS-RG-00342 |
| PU       | 75     | 62       | 64                 |               | 20             | 6204-ZZ    | MMS-RG-00343 |
| PU       | 75     | 70       | 70                 | 70            | 14             | 6204-RS    | MMS-RG-00344 |
| PU       | 75     | 75       | 75                 | 75            | 20             | 6204-Z     | MMS-RG-00345 |
| PU       | 75     | 75       | 75                 |               | 20             | 6204-RS    | MMS-RG-00346 |
| PU       | 75     | 80       | 80                 |               | 20             | 6204-RS    | MMS-RG-00347 |
| PU       | 75     | 95       | 95                 |               | 20             | 6204-Z     | MMS-RG-00348 |
| PU       | 75     | 97       | 100,4              | 97            | 17             | 6303-RS    | MMS-RG-00349 |
| PU       | 75     | 98       | 99,3               |               | 25             | -          | MMS-RG-00350 |
| PU       | 76     | 75       | 75                 |               | 20             | 6204-ZC3   | MMS-RG-00351 |
| PU       | 76     | 98       | 98                 |               | 20             | 6204-ZC3   | MMS-RG-00352 |
| PU       | 76     | 34,9     | 41                 | 35            | 12,85          | XP70-500   | MMS-RG-00353 |
| PU       | 77     | 45       | 50                 |               | 12             | -          | MMS-RG-00354 |
| PU       | 77     | 70       | 75                 |               | 12             | 6204-RS    | MMS-RG-00355 |
| PU       | 78     | 70       | 72                 |               | 20             | 6204-RS2   | MMS-RG-00356 |
| PU       | 78     | 70       | 73                 |               | 20             | 6204-RS    | MMS-RG-00357 |
| PU       | 78     | 94       | 72                 |               | 20             | 6204       | MMS-RG-00358 |

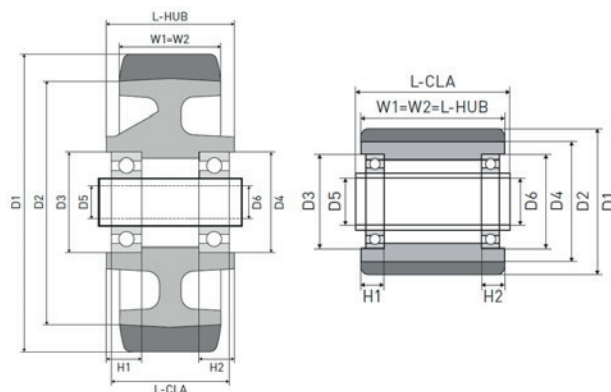


## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



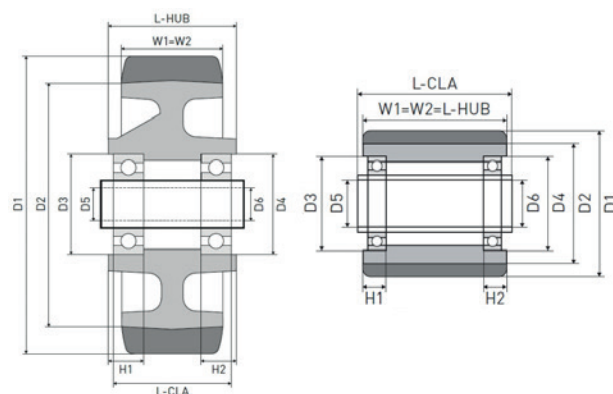
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing   | REF          |
|----------|--------|----------|--------------------|---------------|----------------|-----------|--------------|
| PU       | 80     | 30       | 30                 | 30            | 17             | 6203-RS   | MMS-RG-00359 |
| PU       | 80     | 45       | 49                 |               | 20             | 6204-RS   | MMS-RG-00360 |
| PU       | 80     | 50       | 50                 | 50            | 20             | 6204-RS   | MMS-RG-00361 |
| PU       | 80     | 50       | 50                 |               | 20             | 6204-ZZ   | MMS-RG-00362 |
| PU       | 80     | 54       | 53                 | 54            | 20             | 6204-ZZ   | MMS-RG-00363 |
| PU       | 80     | 60       | 58                 |               | 17             | 6203-Z    | MMS-RG-00364 |
| PU       | 80     | 60       | 58                 |               | 20             | 6204-2RS  | MMS-RG-00365 |
| PU       | 80     | 60       | 63                 |               | 20             | 6204-Z    | MMS-RG-00366 |
| PU       | 80     | 63       | 63                 |               | 20             | 6204-RS   | MMS-RG-00367 |
| PU       | 80     | 64       | 67,5               | 64            | 12             | 6006-RS   | MMS-RG-00368 |
| PU       | 80     | 65       | 63                 |               | 17             | 6303-Z    | MMS-RG-00369 |
| PU       | 80     | 70       | 63                 |               | 17             | 6303-Z    | MMS-RG-00370 |
| PU       | 80     | 70       | 70                 |               | 20             | 6204-2RS  | MMS-RG-00371 |
| PU       | 80     | 70       | 70                 | 70            | 20             | 6204-ZZ   | MMS-RG-00372 |
| PU       | 80     | 70       | 70                 | 70            | 20             | 6204-RS   | MMS-RG-00373 |
| VU       | 80     | 70       | 70                 | 70            | 20             | 6204-ZZ   | MMS-RG-00374 |
| PU       | 80     | 70       | 70                 | 70            | 20             | 6204-2RS  | MMS-RG-00375 |
| PU       | 80     | 70       | 72                 |               | 20             | 6204-RS   | MMS-RG-00376 |
| PU       | 80     | 70       | 75,5               | 70            | 20             | 6204-Z    | MMS-RG-00377 |
| PU       | 80     | 74       | 76                 |               | 13             | 6004-RS   | MMS-RG-00378 |
| PU       | 80     | 74       | 76                 |               | 13             | 6006      | MMS-RG-00379 |
| PU       | 80     | 75       | 79                 |               | 20             | 6204-ZV   | MMS-RG-00380 |
| PU       | 80     | 80       | 80                 | 80            | 20             | 6204-Z    | MMS-RG-00381 |
| PU       | 80     | 88       | 80                 | 88            | 20             | 6204-RS   | MMS-RG-00382 |
| PU       | 80     | 90       | 90                 |               | 17             | 6303-2RS  | MMS-RG-00383 |
| PU       | 80     | 90       | 90                 |               | 20             | 6204-2RS  | MMS-RG-00384 |
| PU       | 80     | 90       | 90                 |               | 20             | 6204-ZZC3 | MMS-RG-00385 |
| PU       | 80     | 93       | 93                 | 93            | 20             | 6204-RS   | MMS-RG-00386 |
| VU       | 80     | 95       | 85                 | 95            | 20             | 6204-RSC3 | MMS-RG-00387 |
| PU       | 80     | 95       | 93                 |               | 25             | 6005-Z    | MMS-RG-00388 |
| PU       | 80     | 95       | 97                 |               | 20             | 6006-2RS  | MMS-RG-00389 |
| PU       | 80     | 95       | 100                | 95            | 20,5           | -         | MMS-RG-00390 |
| PU       | 80     | 60       | 63                 |               | 20             | 6204-Z    | MMS-RG-00391 |
| PU       | 81     | 65       | 67                 | 65            | 20             | 6204-ZV   | MMS-RG-00392 |
| PU       | 82     | 34       | 34                 |               | 17             | 6303      | MMS-RG-00393 |
| PU       | 82     | 40       | 40                 | 40            | 25             | 6205-Z    | MMS-RG-00394 |
| PU       | 82     | 50       | 48                 |               | 20             | 6304-2RS  | MMS-RG-00395 |
| PU       | 82     | 58       | 67                 |               | 20             | -         | MMS-RG-00396 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



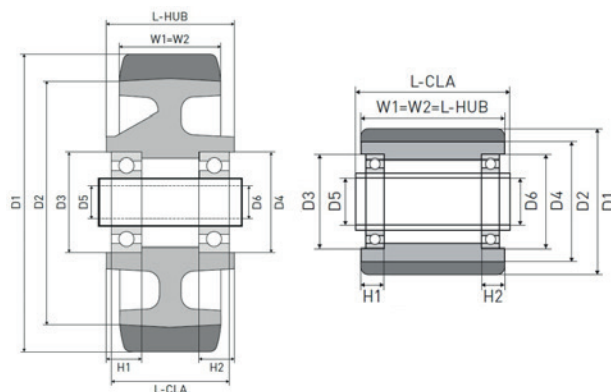
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing  | REF          |
|----------|--------|----------|--------------------|---------------|----------------|----------|--------------|
| PU       | 82     | 60       | 60                 | 60            | 20             | 6204-ZZ  | MMS-RG-00397 |
| PU       | 82     | 60       | 63                 | 60            | 25             | -        | MMS-RG-00398 |
| PU       | 82     | 60       | 63,5               | 60            | 20             | 6204-ZV  | MMS-RG-00399 |
| PU       | 82     | 64       | 63,5               | 62            | 20             | 6204-Z   | MMS-RG-00400 |
| PU       | 82     | 65       | 65                 | 65            | 20             | 6204-Z   | MMS-RG-00401 |
| PU       | 82     | 65       | 65                 |               | 20             | 6204-Z   | MMS-RG-00402 |
| PU       | 82     | 65       | 70                 | 65            | 20             | -        | MMS-RG-00403 |
| VU       | 82     | 66       | 71                 |               | 20             | 6204-ZV  | MMS-RG-00404 |
| PU       | 82     | 66       | 71                 |               | 20             | 6204-ZV  | MMS-RG-00405 |
| PU       | 82     | 68       | 68                 | 68            | 20             | 6204-Z   | MMS-RG-00406 |
| PU       | 82     | 68       | 73                 | 73            | 12             | -        | MMS-RG-00407 |
| PU       | 82     | 68       | 74                 | 67            | 20             | 6204-ZV  | MMS-RG-00408 |
| PU       | 82     | 68       | 76                 | 68            | 20             | -        | MMS-RG-00409 |
| PU       | 82     | 69       | 62                 |               | 20             | 6204-RS  | MMS-RG-00410 |
| PU       | 82     | 69       | 62                 | 69            | 20             | 62042-RS | MMS-RG-00411 |
| PU       | 82     | 70       | 70                 |               | 17             | 6303-Z   | MMS-RG-00412 |
| PU       | 82     | 70       | 70                 |               | 20             | 6204-Z   | MMS-RG-00413 |
| PU       | 82     | 70       | 70                 |               | 20             | 6204-2RS | MMS-RG-00414 |
| PU       | 82     | 70       | 70                 |               | 20             | 6204-ZZ  | MMS-RG-00415 |
| VU       | 82     | 70       | 70                 |               | 20             | 6204-Z   | MMS-RG-00416 |
| PU       | 82     | 70       | 72                 | 70            | 20             | 6204-ZV  | MMS-RG-00417 |
| PU       | 82     | 70       | 74                 |               | 20             | -        | MMS-RG-00418 |
| PU       | 82     | 70       | 74                 | 700           | 20             | 6204-ZV  | MMS-RG-00419 |
| PU       | 82     | 70       | 74                 | 70            | 20             | -        | MMS-RG-00420 |
| PU       | 82     | 70       | 74                 | 70            | 20             | 6204-Z   | MMS-RG-00421 |
| PU       | 82     | 70       | 74                 | 70            | 20             | 6204-ZZV | MMS-RG-00422 |
| PU       | 82     | 70       | 81                 | 70            | 12             | 6303-RS  | MMS-RG-00423 |
| PU       | 82     | 72       | 74                 | 72            | 20             | 6204-ZV  | MMS-RG-00424 |
| PU       | 82     | 75       | 75                 | 75            | 20             | 6204-Z   | MMS-RG-00425 |
| PU       | 82     | 78       | 74                 |               | 20             | 6204-Z   | MMS-RG-00426 |
| VU       | 82     | 78       | 84                 |               | 20             | 6204-ZV  | MMS-RG-00427 |
| PU       | 82     | 82       | 82                 | 82            | 20             | 6204-RS  | MMS-RG-00428 |
| PU       | 82     | 82       | 86                 | 82            | 20             | 6204-ZV  | MMS-RG-00429 |
| VU       | 82     | 82       | 87                 | 82            | 12             | 6006-2RS | MMS-RG-00430 |
| PU       | 82     | 85       | 85                 | 85            | 20             | 6204-Z   | MMS-RG-00431 |
| PU       | 82     | 89       | 83                 | 89            | 20             | 6204     | MMS-RG-00432 |
| PU       | 82     | 89       | 96                 |               | 20             | 6204     | MMS-RG-00433 |
| PU       | 82     | 90       | 90                 | 90            | 20             | 6204-Z   | MMS-RG-00434 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



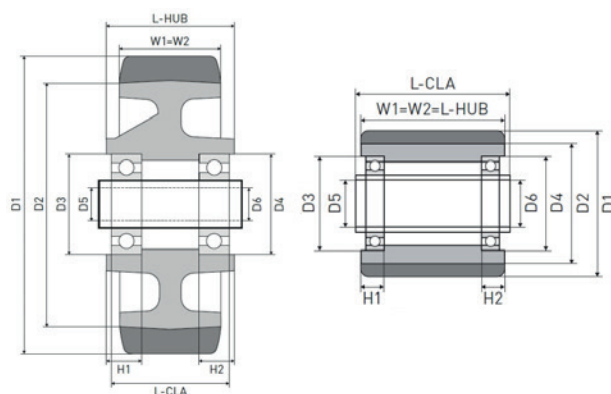
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 82     | 90       | 90                 |               | 20             | 6204-Z     | MMS-RG-00435 |
| PU       | 82     | 91       | 96                 | 91            | 20             | 6204-ZVPX1 | MMS-RG-00436 |
| PU       | 82     | 95       | 100                | 95            | 12             | -          | MMS-RG-00437 |
| PU       | 82     | 96       | 98                 | 97            | 20             | 6304       | MMS-RG-00438 |
| PU       | 82     | 96       | 98                 | 98            | 20             | 6205-Z     | MMS-RG-00439 |
| PU       | 82     | 98       | 98                 |               | 20             | 6204-Z     | MMS-RG-00440 |
| PU       | 82     | 98       | 105                | 98            | 20             | 6204-ZV    | MMS-RG-00441 |
| PU       | 82     | 100      | 96                 |               | 17             | 6303-Z     | MMS-RG-00442 |
| PU       | 82     | 100      | 96                 |               | 20             | 6204-RS    | MMS-RG-00443 |
| PU       | 82     | 100      | 96                 | 100           | 20             | 6204-2RS   | MMS-RG-00444 |
| PU       | 82     | 100      | 100                |               | 20             | 6204-Z     | MMS-RG-00445 |
| PU       | 82     | 100      | 100                |               | 25             | 6005-Z     | MMS-RG-00446 |
| PU       | 82     | 100      | 104                |               | 20             | 6204-RS    | MMS-RG-00447 |
| PU       | 82     | 100      | 104                |               | 20             | -          | MMS-RG-00448 |
| PU       | 82     | 100      | 104                |               | 20             | 6204-RS    | MMS-RG-00447 |
| VU       | 82     | 100      | 104                | 100           | 20             | 6304-Z     | MMS-RG-00449 |
| PU       | 82     | 110      | 115                | 110           | 17             | -          | MMS-RG-00450 |
| PU       | 82     | 110      | 116                |               | 30             | 6006-2RS   | MMS-RG-00451 |
| PU       | 82     | 112      | 116                | 112           | 30             | 6006-RS    | MMS-RG-00452 |
| PU       | 82,5   | 58       | 63                 | 58            | 20             | 6204-Z     | MMS-RG-00453 |
| PU       | 82,6   | 114,3    | 114,3              | 114,3         | 25             | 6205-Z     | MMS-RG-00454 |
| PU       | 83     | 65       | 65                 | 65            | 20             | 6204-Z     | MMS-RG-00455 |
| VU       | 83     | 71       | 71                 | 71            | 20             | 6204-RS    | MMS-RG-00456 |
| PU       | 83,5   | 75       | 76,5               | 76,8          | 17             | 6303-RSVC3 | MMS-RG-00457 |
| PU       | 84     | 60       | 65                 | 60            | 20             | -          | MMS-RG-00458 |
| VU       | 84     | 74       | 75,8               | 74            | 13             | 6004-RS    | MMS-RG-00459 |
| PU       | 84     | 75       | 80                 |               | 12             | -          | MMS-RG-00460 |
| PU       | 84     | 85       | 87                 |               | 20             | 6204-RS    | MMS-RG-00461 |
| PU       | 84     | 85       | 90                 |               | 12             | -          | MMS-RG-00462 |
| PU       | 84     | 89       |                    | 89            | 20             | 6204-ZC3   | MMS-RG-00463 |
| PU       | 84     | 90       | 96,5               |               | 20             | -          | MMS-RG-00464 |
| PU       | 84     | 95       | 100                |               |                | -          | MMS-RG-00465 |
| PU       | 84     | 100      | 102                |               | 17             | -          | MMS-RG-00466 |
| PU       | 84     | 100      | 104                |               | 25             | -          | MMS-RG-00467 |
| PU       | 84,2   | 60       | 64,8               | 60            | 12             | -          | MMS-RG-00468 |
| PU       | 84,5   | 75       | 76,5               |               | 17,5           | -          | MMS-RG-00469 |
| PU       | 85     | 40       | 40                 | 40            | 20             | 6204-Z     | MMS-RG-00470 |
| PU       | 85     | 43       | 43                 |               | 20             | 6204-RS    | MMS-RG-00471 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



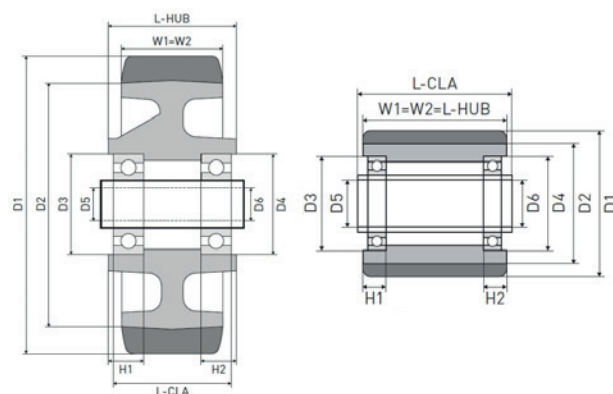
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing   | REF          |
|----------|--------|----------|--------------------|---------------|----------------|-----------|--------------|
| VU       | 85     | 44       | 64                 | 60            | 25             | -         | MMS-RG-00472 |
| PU       | 85     | 45       | 49                 | 45            | 12             | -         | MMS-RG-00473 |
| PU       | 85     | 50       | 55                 | 50            | 25             | 6005-     | MMS-RG-00474 |
| PU       | 85     | 55       | 60                 |               | 20             | -         | MMS-RG-00475 |
| PU       | 85     | 55       | 60                 | 55            | 20             | -         | MMS-RG-00476 |
| PU       | 85     | 55       | 60,5               |               | 25             | -         | MMS-RG-00477 |
| VU       | 85     | 60       | 60                 | 60            | 14             | 6204-Z    | MMS-RG-00478 |
| PU       | 85     | 60       | 61                 |               | 17             | -         | MMS-RG-00479 |
| PU       | 85     | 60       | 65                 | 60            | 12             | -         | MMS-RG-00480 |
| PU       | 85     | 60       | 65                 | 60            | 12             | -         | MMS-RG-00481 |
| PU       | 85     | 60       | 65                 |               | 12,5           | -         | MMS-RG-00482 |
| PU       | 85     | 60       | 65                 | 60            | 20             | -         | MMS-RG-00483 |
| PU       | 85     | 60       | 65                 |               | 25             | -         | MMS-RG-00484 |
| PU       | 85     | 65       | 65                 | 65            | 20             | 6204-Z    | MMS-RG-00485 |
| PU       | 85     | 65       | 70                 | 65            | 17             | 6303-Z    | MMS-RG-00486 |
| PU       | 85     | 66       | 70,5               | 66            | 17,2           | -         | MMS-RG-00487 |
| VU       | 85     | 70       | 62                 |               | 17             | 6303-Z    | MMS-RG-00488 |
| PU       | 85     | 70       | 70                 | 70            | 17             | 6303-Z    | MMS-RG-00489 |
| PU       | 85     | 70       | 70                 | 70            | 20             | -         | MMS-RG-00490 |
| PU       | 85     | 70       | 70                 | 70            | 20             | 6204-RSC3 | MMS-RG-00491 |
| PU       | 85     | 70       | 70                 | 70            | 20             | 6204-ZZ   | MMS-RG-00492 |
| PU       | 85     | 70       | 75                 | 70            | 12             | -         | MMS-RG-00493 |
| PU       | 85     | 70       | 75                 | 70            | 12             | -         | MMS-RG-00494 |
| PU       | 85     | 70       | 75                 |               | 12             | 6006-RS   | MMS-RG-00495 |
| VU       | 85     | 70       | 75                 | 70            | 20             | 6204-ZZC3 | MMS-RG-00496 |
| PU       | 85     | 70       | 75                 |               | 20             | -         | MMS-RG-00497 |
| PU       | 85     | 70       | 75                 |               | 20             | -         | MMS-RG-00498 |
| PU       | 85     | 70       | 75                 | 70            | 20             | -         | MMS-RG-00499 |
| PU       | 85     | 70       | 75                 | 70            | 25             |           | MMS-RG-00500 |
| PU       | 85     | 70       | 75,4               | 70            | 20             | -         | MMS-RG-00501 |
| VU       | 85     | 70       | 76                 | 70            | 12             | 6304-Z    | MMS-RG-00502 |
| PU       | 85     | 73       | 78                 |               | 20             | 6005-2RS  | MMS-RG-00503 |
| PU       | 85     | 74       | 76                 | 75            | 13             | -         | MMS-RG-00504 |
| PU       | 85     | 74       | 76                 |               | 13             | -         | MMS-RG-00505 |
| PU       | 85     | 74       | 76,5               | 74            | 17             | 6303-ZZV  | MMS-RG-00506 |
| PU       | 85     | 74       | 77                 | 74            | 13             | -         | MMS-RG-00507 |
| PU       | 85     | 74       | 77                 | 74            | 20             | -         | MMS-RG-00508 |
| PU       | 85     | 75       | 75                 |               | 17             | 6303-2RS  | MMS-RG-00509 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



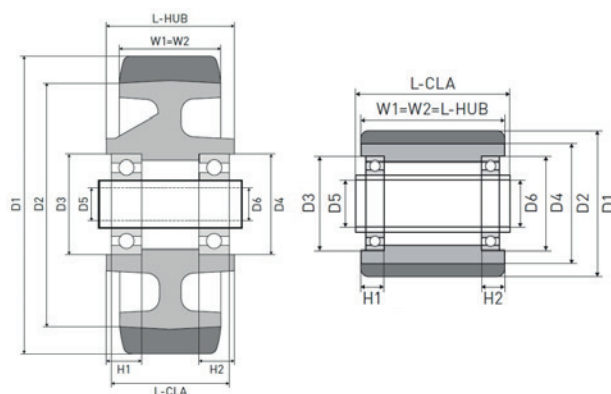
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 85     | 75       | 75                 | 75            | 20             | 6204-Z     | MMS-RG-00510 |
| PU       | 85     | 75       | 75                 |               | 20             | 6204-ZC3   | MMS-RG-00511 |
| PU       | 85     | 75       | 77                 |               | 17             | 22053-BT   | MMS-RG-00512 |
| PU       | 85     | 75       | 77                 | 75            | 17             | 6303-RSVC3 | MMS-RG-00513 |
| PU       | 85     | 75       | 79                 |               | 17             | 22053-BT   | MMS-RG-00514 |
| PU       | 85     | 75       | 80                 | 75            | 12             | -          | MMS-RG-00515 |
| PU       | 85     | 75       | 80                 | 75            | 20             | -          | MMS-RG-00516 |
| VU       | 85     | 75       | 80                 | 75            | 20             | -          | MMS-RG-00517 |
| PU       | 85     | 75       | 80                 | 75            | 25             | 6005-Z     | MMS-RG-00518 |
| PU       | 85     | 75       | 80                 | 75            | 25             | 6006-RS    | MMS-RG-00519 |
| PU       | 85     | 80       | 80                 | 80            | 20             | 6204-ZZ    | MMS-RG-00520 |
| PU       | 85     | 80       | 82                 | 80            | 17             | -          | MMS-RG-00521 |
| PU       | 85     | 80       | 82                 | 80            | 17             | -          | MMS-RG-00522 |
| PU       | 85     | 80       | 83                 | 80            | 25             | -          | MMS-RG-00523 |
| PU       | 85     | 80       | 85                 |               | 12             | -          | MMS-RG-00524 |
| PU       | 85     | 80       | 85                 |               | 12             | 6006-      | MMS-RG-00525 |
| PU       | 85     | 80       | 85                 | 80            | 12,5           | -          | MMS-RG-00526 |
| PU       | 85     | 80       | 85                 | 80            | 20             | 6204-ZZ    | MMS-RG-00527 |
| PU       | 85     | 80       | 85                 | 80            | 25             | 6006-2RS   | MMS-RG-00528 |
| VU       | 85     | 85       | 85                 | 85            | 20             | 6204-RS    | MMS-RG-00529 |
| PU       | 85     | 85       | 89                 | 85            | 25             | -          | MMS-RG-00530 |
| PU       | 85     | 85       | 90                 | 85            | 12             | -          | MMS-RG-00531 |
| PU       | 85     | 85       | 90                 | 85            | 12             | -          | MMS-RG-00532 |
| PU       | 85     | 85       |                    |               | 25             | -          | MMS-RG-00533 |
| VU       | 85     | 85       | 90                 | 85            | 20             | -          | MMS-RG-00534 |
| PU       | 85     | 85       | 90                 | 85            | 12             | -          | MMS-RG-00535 |
| PU       | 85     | 85       | 90                 | 85            | 25             | 6006-RS    | MMS-RG-00536 |
| PU       | 85     | 85       | 90                 | 85            | 25             | 6006-RSC3  | MMS-RG-00537 |
| PU       | 85     | 87       | 90                 | 87            | 17             | 6303-Z     | MMS-RG-00538 |
| PU       | 85     | 90       | 82                 | 90            | 20             | 6204-Z     | MMS-RG-00539 |
| PU       | 85     | 90       | 83                 | 90            | 20             | 6204-RS    | MMS-RG-00540 |
| PU       | 85     | 90       |                    |               | 20             | 6204       | MMS-RG-00541 |
| PU       | 85     | 90       | 88                 | 90            | 17             | 6303-Z     | MMS-RG-00542 |
| PU       | 85     | 90       | 88                 |               | 25             | 6005-Z     | MMS-RG-00543 |
| PU       | 85     | 90       | 90                 | 90            | 20             | 6204-2RSC3 | MMS-RG-00544 |
| VU       | 85     | 90       | 91                 | 900           | 20             | -          | MMS-RG-00545 |
| PU       | 85     | 90       | 92                 | 90            | 20             | 6204-RS    | MMS-RG-00546 |
| PU       | 85     | 90       | 94                 | 90            | 20             | -          | MMS-RG-00547 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



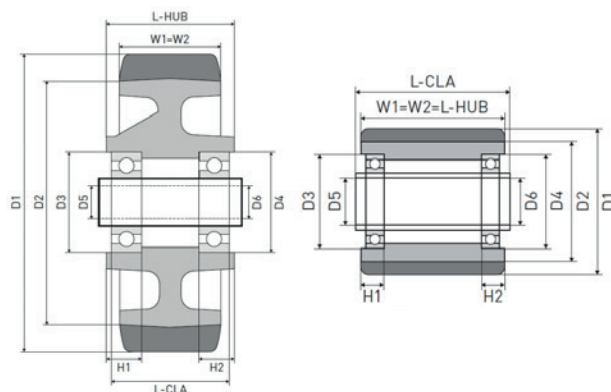
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 85     | 90       | 95                 | 90            | 12             | 6006-2RS   | MMS-RG-00548 |
| PU       | 85     | 90       | 95                 |               | 17             | -          | MMS-RG-00549 |
| PU       | 85     | 90       | 95                 |               | 20             | 6204-ZV    | MMS-RG-00550 |
| PU       | 85     | 90       | 95                 |               | 25             | -          | MMS-RG-00551 |
| PU       | 85     | 90       | 95                 | 90            | 25,5           | -          | MMS-RG-00552 |
| PU       | 85     | 95       | 90                 | 95            | 20             | 6004-Z     | MMS-RG-00553 |
| PU       | 85     | 95       | 93                 |               | 25             | 6005-Z     | MMS-RG-00554 |
| VU       | 85     | 95       | 95                 |               | 20             | 6204-RS    | MMS-RG-00555 |
| PU       | 85     | 95       | 96,8               | 95            | 20             | -          | MMS-RG-00556 |
| VU       | 85     | 95       | 96,8               | 95            | 20             | -          | MMS-RG-00557 |
| PU       | 85     | 95       | 97                 | 95            | 25             | 6006-RS    | MMS-RG-00558 |
| PU       | 85     | 95       | 97                 | 95            | 25             | -          | MMS-RG-00559 |
| VU       | 85     | 95       | 99,7               | 95            | 25             | -          | MMS-RG-00560 |
| PU       | 85     | 95       | 100                | 95            | 20             | 6204       | MMS-RG-00561 |
| PU       | 85     | 95       | 100                | 95            | 20             | -          | MMS-RG-00562 |
| PU       | 85     | 95       | 100                | 95            | 25             | 6006-RS    | MMS-RG-00563 |
| PU       | 85     | 95       | 101                |               | 17             | -          | MMS-RG-00564 |
| PU       | 85     | 98       | 102                | 98            | 20             | 6205-2RS   | MMS-RG-00565 |
| PU       | 85     | 99       | 101                | 99            | 17             | 6303-ZV    | MMS-RG-00566 |
| PU       | 85     | 99       | 105,5              | 99            | 17,4           | -          | MMS-RG-00567 |
| VU       | 85     | 100      | 100                |               | 20             | 6204-RS    | MMS-RG-00568 |
| PU       | 85     | 100      | 100,5              | 100           | 17             | 6303-RSVC3 | MMS-RG-00569 |
| VU       | 85     | 100      | 101                |               | 17             | 6303-Z     | MMS-RG-00570 |
| VU       | 85     | 100      | 101                |               | 17             | 6303-RSVC3 | MMS-RG-00571 |
| PU       | 85     | 100      | 102                |               | 17             | -          | MMS-RG-00572 |
| VU       | 85     | 100      | 102                | 100           | 20             | 6006-RSC3  | MMS-RG-00573 |
| PU       | 85     | 100      | 102                |               | 25             | 6006-2RS   | MMS-RG-00574 |
| PU       | 85     | 100      | 104                | 100           | 25             | 6005-RS    | MMS-RG-00575 |
| PU       | 85     | 100      | 105                | 100           | 20             | -          | MMS-RG-00576 |
| PU       | 85     | 100      | 105                |               | 20             | -          | MMS-RG-00577 |
| PU       | 85     | 100      | 105                | 100           | 25             | -          | MMS-RG-00578 |
| PU       | 85     | 100      | 105,5              | 100           | 25             | -          | MMS-RG-00579 |
| PU       | 85     | 105      | 103                |               | 20             | 6204-Z     | MMS-RG-00580 |
| VU       | 85     | 105      | 110                | 105           | 12             | -          | MMS-RG-00581 |
| PU       | 85     | 105      | 110                |               | 12             | -          | MMS-RG-00582 |
| PU       | 85     | 105      | 110                | 105           | 12             | 6006-RS    | MMS-RG-00583 |
| PU       | 85     | 105      | 110                | 105           | 12             | 6006-RS    | MMS-RG-00584 |
| PU       | 85     | 105      | 110                | 105           | 20             | 6204-RS    | MMS-RG-00585 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 85     | 105      | 110,2              | 105           | 25             | -          | MMS-RG-00586 |
| VU       | 85     | 105      | 111                |               | 25             | -          | MMS-RG-00587 |
| VU       | 85     | 110      | 108                |               | 20             | 6204-Z     | MMS-RG-00588 |
| VU       | 85     | 110      | 114                | 110           | 25             | -          | MMS-RG-00589 |
| PU       | 85     | 110      | 115                |               | 12             | -          | MMS-RG-00590 |
| PU       | 85     | 110      | 115                | 110           | 17             | 6006-2RS   | MMS-RG-00591 |
| VU       | 85     | 110      | 115                |               | 17             | -          | MMS-RG-00592 |
| PU       | 85     | 110      | 115                |               | 17             | -          | MMS-RG-00593 |
| PU       | 85     | 110      | 115                |               | 25             | -          | MMS-RG-00594 |
| PU       | 85     | 110      | 115                | 110           | 25             | 6006-RS    | MMS-RG-00595 |
| PU       | 85     | 110      | 115                | 110           | 25             | -          | MMS-RG-00596 |
| PU       | 85     | 110      | 115                | 110           | 25             | -          | MMS-RG-00597 |
| PU       | 85     | 110      | 116                | 110           | 25             | 6005-ZVPX1 | MMS-RG-00598 |
| PU       | 86     | 100      | 102                |               | 25             | -          | MMS-RG-00599 |
| PU       | 90     | 50       | 52                 |               | 20             | 6204-ZV    | MMS-RG-00600 |
| PU       | 90     | 50       | 52                 | 50            | 20             | 6006-RS    | MMS-RG-00601 |
| PU       | 90     | 88       | 92                 | 88            | 12             | -          | MMS-RG-00602 |
| PU       | 90     | 95       | 97                 | 95            | 17             | 6006       | MMS-RG-00603 |
| PU       | 90     | 100      | 104                | 100           | 12             | 6006-Z     | MMS-RG-00604 |
| PU       | 95     | 50       | 42                 | 50            | 17             | 6303-Z     | MMS-RG-00605 |
| PU       | 98     | 50       | 54                 | 50            | 20             | 6204-Z     | MMS-RG-00606 |
| PU       | 99     | 40       | 52,4               | 32            | 12,5           | 6204-RS    | MMS-RG-00607 |
| VU       | 100    | 38       | 40                 | 40            | 15             | 6202-Z     | MMS-RG-00608 |
| PU       | 100    | 40       |                    | 40            | 12             | 6201-ZZ    | MMS-RG-00609 |
| PU       | 100    | 40       | 40                 | 40            | 15             | 6002-2RS   | MMS-RG-00610 |
| PU       | 100    | 40       | 40                 | 40            | 15             | 6303       | MMS-RG-00611 |
| PU       | 100    | 40       | 40                 | 40            | 15             | 6002-ZZ    | MMS-RG-00612 |
| PU       | 100    | 40       | 40                 | 40            | 15             | 6002ZC3L9  | MMS-RG-00613 |
| VU       | 100    | 40       | 40                 | 40            | 15             | 6002-ZZ    | MMS-RG-00614 |
| PU       | 100    | 40       | 40                 | 40            | 15             | 6202-Z     | MMS-RG-00615 |
| VU       | 100    | 40       | 40                 | 40            | 15             | 6202-RS    | MMS-RG-00616 |
| PU       | 100    | 40       | 40                 |               | 15             | 6202       | MMS-RG-00617 |
| PU       | 100    | 40       | 40                 | 40            | 20             | 6204-Z     | MMS-RG-00618 |
| PU       | 100    | 40       |                    | 40            | 20             | 6204       | MMS-RG-00619 |
| PU       | 100    | 40       | 42                 | 40            | 10,3           | -          | MMS-RG-00620 |
| PU       | 100    | 40       | 42                 |               | 10,5           | 6204-2RS   | MMS-RG-00621 |
| PU       | 100    | 40       | 42                 |               | 20             | 6204-2RS   | MMS-RG-00622 |
| VU       | 100    | 40       | 46                 | 40            | 20             | 6204-RS    | MMS-RG-00623 |

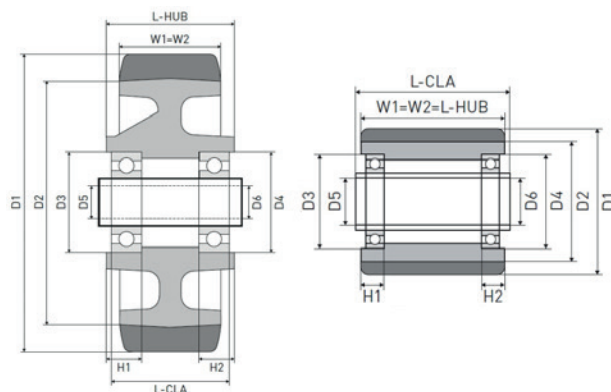
## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 100    | 40       | 50                 | 40            | 15             | 6002-RS    | MMS-RG-00624 |
| PU       | 100    | 40       | 52                 |               | 20             | 6204-Z     | MMS-RG-00625 |
| PU       | 100    | 45       | 33                 |               | 30             | 6006-RS    | MMS-RG-00626 |
| PU       | 100    | 45       | 38                 |               | 20             | 6204       | MMS-RG-00627 |
| PU       | 100    | 45       | 43                 |               | 20             | 6204-RS    | MMS-RG-00628 |
| PU       | 100    | 50       | 50                 |               | 20             | 62042-RS   | MMS-RG-00629 |
| PU       | 100    | 50       | 50                 | 50            | 40             | 6008-RS    | MMS-RG-00630 |
| PU       | 100    | 50       | 61                 | 60            | 20             | 6204-RS    | MMS-RG-00631 |
| PU       | 100    | 73       | 77                 | 73            | 20             | -          | MMS-RG-00632 |
| PU       | 100    | 73       | 78                 |               | 20             | 6004-MT47C | MMS-RG-00633 |
| PU       | 102    | 29       | 32                 | 29            |                | 6204-2RS   | MMS-RG-00634 |
| PU       | 102    | 51       | 51                 | 51            | 25             | 6205-Z     | MMS-RG-00635 |
| PU       | 102    | 52       |                    | 52            | 19             | -          | MMS-RG-00636 |
| PU       | 110    | 50       | 48                 |               | 20             | 6204-ZZ    | MMS-RG-00637 |
| PU       | 110    | 60       | 50                 |               | 20             | 6304       | MMS-RG-00638 |
| PU       | 120    | 32       | 50                 |               | 25             | 6205-RS    | MMS-RG-00639 |
| PU       | 120    | 50       | 50                 |               | 20             | 6304-RS    | MMS-RG-00640 |
| PU       | 120    | 50       | 50                 | 50            | 20             | 6204-RS    | MMS-RG-00641 |
| PU       | 120    | 50       | 50                 | 50            | 25             | 6205-2RS   | MMS-RG-00642 |
| PU       | 122    | 50       | 50                 | 50            | 25             | 6205-RS    | MMS-RG-00643 |
| PU       | 122    | 60       | 60                 | 60            | 25             | 6005-RS    | MMS-RG-00644 |
| PU       | 122    | 60       | 65                 |               | 12,5           | 6205-Z     | MMS-RG-00645 |
| PU       | 123    | 50       | 46                 | 50            | 20             | 6204-Z     | MMS-RG-00646 |
| PU       | 125    | 25       | 26                 | 26            | 25             | 6005-Z     | MMS-RG-00647 |
| PU       | 125    | 25       | 26                 | 26            | 25             | 6005-RS    | MMS-RG-00648 |
| VU       | 125    | 30       | 39                 | 39            | 15             | 6202-Z     | MMS-RG-00649 |
| PU       | 125    | 34       | 40                 | 40            | 12             | 6201-Z     | MMS-RG-00650 |
| PU       | 125    | 35       | 24                 | 35            | 40             | 6908-RS    | MMS-RG-00651 |
| PU       | 125    | 40       | 31                 |               | 35             | 6007-RS    | MMS-RG-00652 |
| PU       | 125    | 40       | 45                 | 45            | 15             | 6002-2RS   | MMS-RG-00653 |
| PU       | 125    | 40       | 45                 | 45            | 15             | 6202-ZC3   | MMS-RG-00654 |
| VU       | 125    | 40       | 46                 | 40            | 15             | 6202-RSV   | MMS-RG-00655 |
| PU       | 125    | 40       | 47                 | 50            | 20             | 6204-RS    | MMS-RG-00656 |
| PU       | 125    | 40       | 51,5               | 50            | 11             | 6204-ZZ    | MMS-RG-00657 |
| PU       | 125    | 40       | 60                 | 50            | 12,5           | S6204-RS   | MMS-RG-00658 |
| PU       | 125    | 50       | 46                 | 50            | 20             | 6204-RS    | MMS-RG-00659 |
| PU       | 125    | 50       | 50                 | 55            | 20             | 6204-Z     | MMS-RG-00660 |
| VU       | 125    | 50       | 50                 | 50            | 25             | 6205-RS    | MMS-RG-00661 |

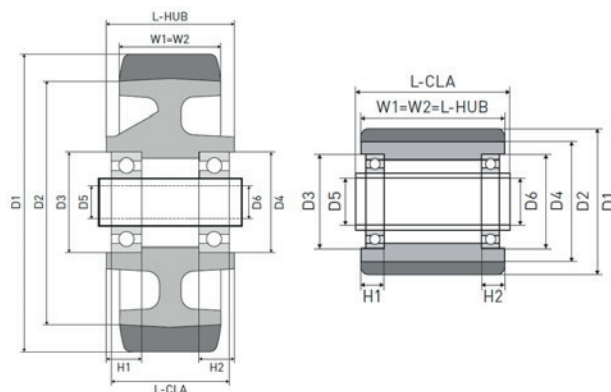


## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



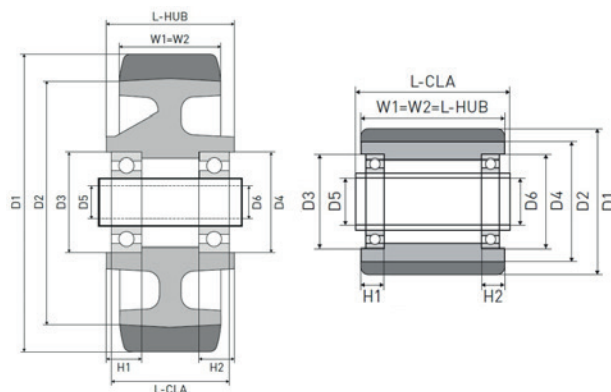
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing       | REF          |
|----------|--------|----------|--------------------|---------------|----------------|---------------|--------------|
| PU       | 125    | 50       | 50                 | 50            | 25             | 6205-2RS      | MMS-RG-00662 |
| VU       | 125    | 50       | 52                 |               | 40             | 6008-RS       | MMS-RG-00663 |
| VU       | 125    | 50       | 54                 | 50            | 20             | 6204          | MMS-RG-00664 |
| PU       | 125    | 50       | 54                 | 50            | 20             | -             | MMS-RG-00665 |
| VU       | 125    | 50       | 54                 | 50            | 20             | 6204-ZV       | MMS-RG-00666 |
| PU       | 125    | 50       | 54                 | 50            | 20             | 6005-ZZ       | MMS-RG-00667 |
| PU       | 125    | 50       | 54                 | 50            | 25             | 6005-ZV       | MMS-RG-00668 |
| VU       | 125    | 50       | 54                 | 50            | 20             | -             | MMS-RG-00669 |
| PU       | 125    | 50       | 55                 | 50            | 20             | 6204-Z        | MMS-RG-00670 |
| VU       | 125    | 50       | 60                 | 60            | 20             | 6204-2RS      | MMS-RG-00671 |
| PU       | 125    | 50       | 60                 |               | 20             | 6204-RS       | MMS-RG-00672 |
| VU       | 125    | 50       | 60                 | 60            | 20             | 6204-ZC3      | MMS-RG-00673 |
| PU       | 125    | 50       | 61                 | 50            | 16,5           | 6204-ZV       | MMS-RG-00674 |
| PU       | 125    | 50       | 61                 | 54            | 20             | 6204-ZZV      | MMS-RG-00675 |
| PU       | 125    | 50       | 65                 | 50            | 15             | 6204-RS       | MMS-RG-00676 |
| PU       | 125    | 50       | 66                 | 50            | 16             | 6005-RS       | MMS-RG-00677 |
| PU       | 125    | 50       | 67                 | 60            | 12,5           | -             | MMS-RG-00678 |
| PU       | 125    | 50       |                    | 54            | 20             | 6204-ZZ       | MMS-RG-00679 |
| PU       | 125    | 54       | 60                 | 60            | 20             | 6204-RS       | MMS-RG-00680 |
| VU       | 125    | 54       | 60                 | 60            | 20             | 6204-RS       | MMS-RG-00681 |
| PU       | 125    | 54       | 60                 | 54            | 25             | -             | MMS-RG-00682 |
| PU       | 125    | 54       | 60                 | 60            | 30             | 6006-RS       | MMS-RG-00683 |
| PU       | 125    | 54       | 60                 | 60            | 30             | 6006-2RS      | MMS-RG-00684 |
| PU       | 125    | 54       | 62                 | 58            | 25,5           | -             | MMS-RG-00685 |
| PU       | 125    | 60       | 60                 | 60            | 20             | 6204-RS       | MMS-RG-00686 |
| VU       | 125    | 60       | 62                 | 60            | 20             | 6204-ZV       | MMS-RG-00687 |
| VU       | 125    | 60       | 62                 | 60            | 20             | 6204-ZV-12/15 | MMS-RG-00688 |
| PU       | 125    | 60       | 62                 | 60            | 20             | 6005-ZZ       | MMS-RG-00689 |
| PU       | 125    | 60       | 62                 | 58            | 20             | 6204-ZV       | MMS-RG-00690 |
| PU       | 125    | 60       | 62                 | 60            | 20             | 6204-ZV       | MMS-RG-00691 |
| VU       | 125    | 60       | 62                 | 60            | 20             | 6204-ZZ       | MMS-RG-00692 |
| PU       | 125    | 60       | 63                 | 60            | 12             | 6204-RS       | MMS-RG-00693 |
| PU       | 125    | 60       | 63                 | 60            | 12,5           | 6204-RS       | MMS-RG-00694 |
| PU       | 125    | 70       | 74                 | 70            | 25             | 6005-ZV       | MMS-RG-00695 |
| PU       | 125    | 80       | 80                 |               | 20             | 6204-Z        | MMS-RG-00696 |
| PU       | 125    | 90       | 94                 |               | 25             | 6205-2RSC3    | MMS-RG-00697 |
| PU       | 126    | 150      | 144                | 150           | 25             | 6205-2RS      | MMS-RG-00698 |
| VU       | 127    | 36       | 40                 | 40            | 17             | 6203-RS       | MMS-RG-00699 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



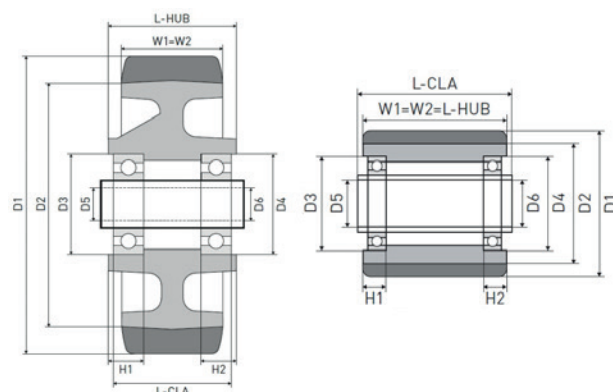
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing  | REF          |
|----------|--------|----------|--------------------|---------------|----------------|----------|--------------|
| PU       | 127    | 51       | 52                 | 52            | 19,5           | -        | MMS-RG-00700 |
| VU       | 127,3  | 38       | 38                 | 38            | 20             | 6204-RS  | MMS-RG-00701 |
| VU       | 130    | 40       | 40                 | 50            | 45             | 6209-RS  | MMS-RG-00702 |
| PU       | 138    | 60       | 63                 | 60            | 20             | 6304-    | MMS-RG-00703 |
| VU       | 140    | 40       | 50                 | 50            | 20             | 6204-RS  | MMS-RG-00704 |
| VU       | 140    | 50       | 54                 | 50            | 20             | -        | MMS-RG-00705 |
| VU       | 140    | 50       | 54,5               | 50            | 20             | -        | MMS-RG-00706 |
| VU       | 140    | 50       | 62                 | 50            | 20             | -        | MMS-RG-00707 |
| PU       | 140    | 50       | 62,5               | 50            | 20             | -        | MMS-RG-00708 |
| PU       | 140    | 54       | 49                 | 50            | 30             | 6006-RS  | MMS-RG-00709 |
| PU       | 140    | 54       | 50                 | 50            | 30             | 6006-RS  | MMS-RG-00710 |
| VU       | 140    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00711 |
| VU       | 140    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00712 |
| VU       | 140    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00713 |
| PU       | 140    | 54       | 60                 | 60            | 20             | 6204-Z   | MMS-RG-00714 |
| PU       | 140    | 55       | 58                 | 60            | 20             | 6204-RS  | MMS-RG-00715 |
| PU       | 140    | 60       | 66                 | 60            | 12             | 6006-2RS | MMS-RG-00716 |
| VU       | 140    | 60       | 75                 | 68            | 15             | 6304-Z   | MMS-RG-00717 |
| PU       | 140    | 60       | 75                 | 60            | 20             | 6006-RS  | MMS-RG-00718 |
| VU       | 140    | 70       | 74                 | 70            | 20             | 6304-RS  | MMS-RG-00719 |
| PU       | 140    | 80       | 82                 | 80            | 20             | 6204-ZV  | MMS-RG-00720 |
| PU       | 148    | 54       | 60                 | 60            | 20             | 6204-2RS | MMS-RG-00721 |
| PU       | 148    | 95       | 95                 | 95            | 25             | 6305-RS- | MMS-RG-00722 |
| PU       | 149    | 50       | 42                 | 50            | 35             | 6007-RS  | MMS-RG-00723 |
| PU       | 150    | 25       | 26                 | 26            | 25             | 6005-Z   | MMS-RG-00724 |
| PU       | 150    | 36       | 38                 | 38            | 20             | 6204-ZZ  | MMS-RG-00725 |
| PU       | 150    | 38       | 39                 | 50            | 20             | 6204-RS  | MMS-RG-00726 |
| PU       | 150    | 40       | 40                 | 50            | 45             | 6209-2RS | MMS-RG-00727 |
| PU       | 150    | 40       | 40                 | 40            | 20             | 6004-RS  | MMS-RG-00728 |
| PU       | 150    | 40       | 44                 | 50            | 17             | 6303-2RS | MMS-RG-00729 |
| PU       | 150    | 40       | 44                 | 50            | 20             | 6204-Z   | MMS-RG-00730 |
| PU       | 150    | 40       | 48                 | 49            | 20             | 6204-Z   | MMS-RG-00731 |
| PU       | 150    | 40       | 50                 | 50            | 25             | 6205-Z   | MMS-RG-00732 |
| PU       | 150    | 40       | 55                 | 50            | 12,8           | 6005-RS  | MMS-RG-00733 |
| PU       | 150    | 47       | 50                 | 51            | 14             | 6204-RS  | MMS-RG-00734 |
| VU       | 150    | 48       | 60                 | 60            | 20             | 6204-ZC3 | MMS-RG-00735 |
| PU       | 150    | 48       | 60                 | 56            | 20             | -        | MMS-RG-00736 |
| PU       | 150    | 48       | 65                 | 60            | 12             | -        | MMS-RG-00737 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



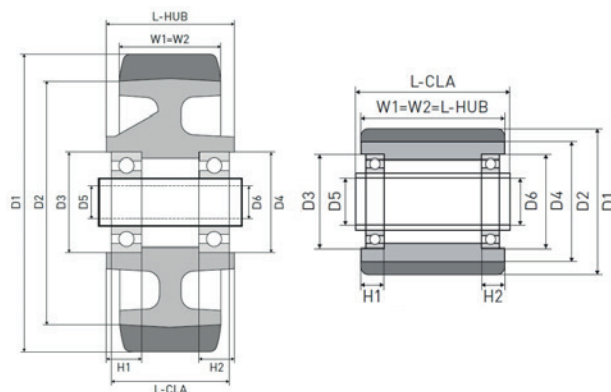
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing  | REF          |
|----------|--------|----------|--------------------|---------------|----------------|----------|--------------|
| PU       | 150    | 50       |                    | 65            | 12,1           | -        | MMS-RG-00738 |
| PU       | 150    | 50       | 44                 | 50            | 20             | 6204-Z   | MMS-RG-00739 |
| PU       | 150    | 50       | 50                 | 50            | 20             | 6204-ZC3 | MMS-RG-00740 |
| PU       | 150    | 50       | 50                 | 50            | 20             | 6304-RS  | MMS-RG-00741 |
| PU       | 150    | 50       | 50                 | 50            | 25             | 6205-RS  | MMS-RG-00742 |
| PU       | 150    | 50       | 54                 | 61            | 15             | 6204-Z   | MMS-RG-00743 |
| PU       | 150    | 50       | 54                 | 50            | 20             | 6204-ZV  | MMS-RG-00744 |
| VU       | 150    | 50       | 55                 | 55            | 20             | 6204-ZZ  | MMS-RG-00745 |
| PU-Soft  | 150    | 50       | 57                 | 57            | 20             | 6304-RS  | MMS-RG-00746 |
| PU       | 150    | 50       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00747 |
| PU       | 150    | 50       | 60                 | 60            | 20             | 6304-Z   | MMS-RG-00748 |
| PU-Soft  | 150    | 50       | 66                 | 60            | 20             | 6204-RS  | MMS-RG-00749 |
| PU       | 150    | 54       | 58                 | 58            | 20             | 6204-RS  | MMS-RG-00750 |
| VU       | 150    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00751 |
| PU       | 150    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00752 |
| VU       | 150    | 54       | 60                 | 60            | 20             | 6204-Z   | MMS-RG-00753 |
| VU       | 150    | 54       | 60                 | 60            | 20             | 6204-RS  | MMS-RG-00754 |
| VU       | 150    | 54       | 60                 | 60            | 20             | 6204-Z   | MMS-RG-00755 |
| PU       | 150    | 55       | 56                 | 60            | 25             | 6005-RS  | MMS-RG-00756 |
| PU       | 150    | 55       | 56                 | 60            | 25             | 6005-RS  | MMS-RG-00757 |
| PU       | 150    | 55       | 60                 | 60            | 20             | 6204-2RS | MMS-RG-00758 |
| VU       | 150    | 55       | 62                 | 60            | 20             | 6005-ZZ  | MMS-RG-00759 |
| PU       | 150    | 60       | 60                 | 60            | 20             | 6304-Z   | MMS-RG-00760 |
| PU       | 150    | 60       | 65                 | 65            | 25             | 6205-RS  | MMS-RG-00761 |
| PU       | 150    | 60       | 68                 | 68            | 25             | 6205-RS  | MMS-RG-00762 |
| VU       | 150    | 65       | 63                 | 65            | 50             | 6210-RS  | MMS-RG-00763 |
| PU       | 150    | 75       | 82                 | 85            | 25,5           | 6007-2RS | MMS-RG-00764 |
| PU       | 150    | 76       | 58                 |               | 25             | 6205-ZZ  | MMS-RG-00765 |
| PU       | 150    | 76       | 86                 | 80            | 25,5           | 6006-Z   | MMS-RG-00766 |
| PU       | 150    | 78       | 79,5               | 79,5          | 30             | 6206-RS  | MMS-RG-00767 |
| VU       | 150    | 78       | 88                 |               | 25             | 6305-Z   | MMS-RG-00768 |
| PU       | 150    | 79       | 72                 | 79            | 20             | 6204-RS  | MMS-RG-00769 |
| PU       | 150    | 102      | 88                 |               | 40             | 6008-RS  | MMS-RG-00770 |
| PU       | 150    | 102      | 102                | 102           | 35             | 6207-2RS | MMS-RG-00771 |
| PU       | 150    | 130      | 135                | 130           |                | 6306-RS  | MMS-RG-00772 |
| PU       | 152    | 70       | 70                 |               | 35             | 6307-RS  | MMS-RG-00773 |
| PU       | 156    | 40       | 30                 | 40            | 35             | 6007-ZZ  | MMS-RG-00774 |
| PU       | 160    | 45       | 33,5               | 45            | 30             | 6006-2RS | MMS-RG-00775 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



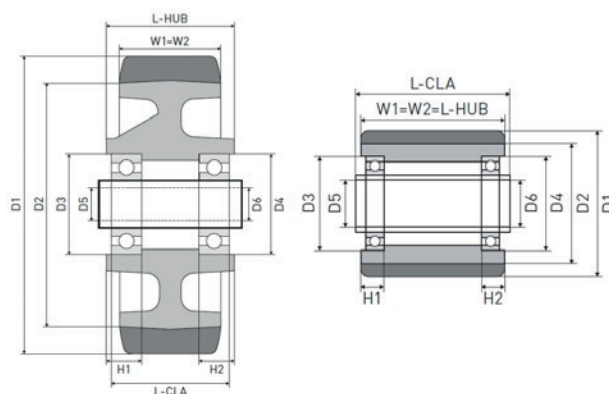
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing    | REF          |
|----------|--------|----------|--------------------|---------------|----------------|------------|--------------|
| PU       | 160    | 50       | 54                 | 60            | 20             | 6204-ZZ    | MMS-RG-00776 |
| PU       | 160    | 50       | 60                 | 60            | 20             | 6204-RS    | MMS-RG-00777 |
| VU       | 160    | 65       | 57                 | 60            | 25             | 6205-RS    | MMS-RG-00778 |
| PU       | 160    | 65       | 57                 | 60            | 25             | 6205-RS    | MMS-RG-00779 |
| PU       | 170    | 50       | 54                 | 59            | 20             | 6204-ZZ    | MMS-RG-00780 |
| PU       | 175    | 56       | 45                 | 50            | 20             | 6204-ZC3   | MMS-RG-00781 |
| PU       | 175    | 58       | 35                 | 47            | 20             | 6204-Z     | MMS-RG-00782 |
| PU       | 178    | 65       | 75                 | 75            | 25             | 6305-2RS   | MMS-RG-00783 |
| PU       | 180    | 50       | 33                 | 50            | 20             | 6204-ZZ    | MMS-RG-00784 |
| PU       | 180    | 50       | 38                 | 44            | 20             | 6204-Z     | MMS-RG-00785 |
| PU       | 180    | 50       | 38                 | 50            | 20             | 6204-RS    | MMS-RG-00786 |
| PU       | 180    | 50       | 40                 | 50            | 20             | 6204-2RS   | MMS-RG-00787 |
| PU       | 180    | 50       | 42                 | 60            | 20             | 6204-Z     | MMS-RG-00788 |
| PU       | 180    | 50       | 44                 | 50            | 20             | 6204-2RS   | MMS-RG-00789 |
| PU       | 180    | 50       | 44                 | 50            | 20             | 6204-2RS   | MMS-RG-00790 |
| PU       | 180    | 50       | 44                 | 50            | 20             | 6204-2RS   | MMS-RG-00791 |
| PU       | 180    | 50       | 50                 | 50            | 20             | 6204-2RS   | MMS-RG-00792 |
| PU       | 180    | 50       |                    | 60            | 25             | 6205-RS    | MMS-RG-00793 |
| VU       | 180    | 50       | 50                 | 60            | 25             | 6005-2RS   | MMS-RG-00794 |
| PU       | 180    | 50       | 50                 | 50            | 20             | 6204-2RS   | MMS-RG-00795 |
| PU       | 180    | 50       | 50                 | 52            | 25             | 6205-Z     | MMS-RG-00796 |
| PU       | 180    | 50       | 52                 | 50            | 20             | 6304-2RS   | MMS-RG-00797 |
| PU       | 180    | 50       | 58                 | 60            | 20             | 6204-ZZ    | MMS-RG-00798 |
| PU       | 180    | 50       | 60                 | 60            | 25             | 6205-RS    | MMS-RG-00799 |
| PU       | 180    | 52       |                    | 80            |                | -          | MMS-RG-00800 |
| PU       | 180    | 52       | 52                 | 52            | 25             | 6205-Z     | MMS-RG-00801 |
| PU       | 180    | 65       | 75                 | 75            | 25             | 6305-2RS   | MMS-RG-00802 |
| PU       | 180    | 65       | 75                 | 75            | 25             | 6305-RS    | MMS-RG-00803 |
| PU       | 180    | 65       | 75                 | 75            | 25             | 6205-RS    | MMS-RG-00804 |
| PU       | 180    | 75       | 80                 | 80            | 25             | 6205-Z     | MMS-RG-00805 |
| PU       | 180    | 152      | 156                | 152           | 40             | -          | MMS-RG-00806 |
| PU       | 198    | 52       | 40                 | 54,5          | 20             | 6204-RS    | MMS-RG-00807 |
| PU       | 198    | 105      | 70                 | 105           | 40             | 6208-ZF    | MMS-RG-00808 |
| PU       | 200    | 40       | 31                 | 40            | 35             | 6007-ZZ    | MMS-RG-00809 |
| PU       | 200    | 45       | 58                 | 56            | 20             | 6204-2RS   | MMS-RG-00810 |
| PU       | 200    | 49       | 47                 | 52            | 20             | 6204-ZVPX1 | MMS-RG-00811 |
| PU       | 200    | 50       | 36                 | 50            | 20             | 6204-RS    | MMS-RG-00812 |
| PU       | 200    | 50       | 43                 | 50            | 20             | 6204-RS    | MMS-RG-00813 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



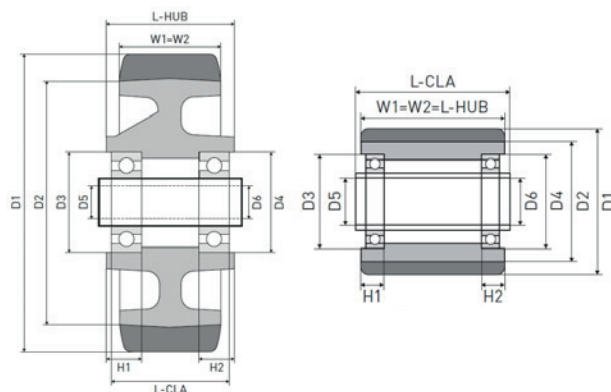
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing                  | REF          |
|----------|--------|----------|--------------------|---------------|----------------|--------------------------|--------------|
| PU       | 200    | 50       | 45                 | 60            | 25             | 6205-2RS                 | MMS-RG-00814 |
| PU       | 200    | 50       | 47                 | 52            | 25             | 6005-ZV                  | MMS-RG-00815 |
| PU       | 200    | 50       | 48                 | 56            | 20             | 6204-2RS                 | MMS-RG-00816 |
| PU       | 200    | 50       | 48                 | 56            | 20             | 6204-RS                  | MMS-RG-00817 |
| PU       | 200    | 50       | 50                 | 50            | 25             | 6205-2RS                 | MMS-RG-00818 |
| PU       | 200    | 50       | 50                 | 60            | 25             | 6005-2RS                 | MMS-RG-00819 |
| PU       | 200    | 50       | 54                 | 60            | 20             | 6204-2RS                 | MMS-RG-00820 |
| PU       | 200    | 50       | 54                 | 60            | 20             | 6204-Z                   | MMS-RG-00821 |
| PU       | 200    | 50       | 54                 | 60            | 20             | 6204-ZZ                  | MMS-RG-00822 |
| PU       | 200    | 50       | 55                 | 60            | 25             | 6205-RS                  | MMS-RG-00823 |
| VU       | 200    | 50       | 56                 | 60            | 25             | 6205-ZZ                  | MMS-RG-00824 |
| PU       | 200    | 50       | 60                 | 60            | 25             | 6205-2RS                 | MMS-RG-00825 |
| PU       | 200    | 52       | 50                 | 60            | 25             | 6205-Z                   | MMS-RG-00826 |
| PU       | 200    | 54       | 40                 | 55            | 25             | 6205-RS                  | MMS-RG-00827 |
| PU       | 200    | 55       | 58                 | 58            | 20             | 6204-RS                  | MMS-RG-00828 |
| PU       | 200    | 80       | 80                 | 80            | 25             | 6305-Z                   | MMS-RG-00829 |
| PU       | 200    | 75       | 80                 | 80            | 25             | 6205-RS                  | MMS-RG-00830 |
| VU       | 200    | 78       | 86                 | 86            | 25             | 6305-ZZ                  | MMS-RG-00831 |
| VU       | 200    | 80       | 80                 | 80            | 25             | 6305-Z                   | MMS-RG-00832 |
| PU       | 200    | 80       | 80                 | 80            | 30             | 6206Z                    | MMS-RG-00833 |
| PU       | 200    | 100      | 114                | 94            | 30             | 6009-2RS                 | MMS-RG-00834 |
| PU       | 200    | 100      | 135                | 95            | 30             | 6009-Z                   | MMS-RG-00835 |
| PU       | 200    | 110      | 110                | 110           | 45             | 6209-RS                  | MMS-RG-00836 |
| VU       | 220    | 85       | 58                 | 63            | 55             | 6211-RS                  | MMS-RG-00837 |
| VU       | 228,6  | 65,5     | 70                 | 70            | 35             | 6207-Z                   | MMS-RG-00838 |
| PU       | 229    | 85       | 96                 | 85            | 30             | 6208-RS                  | MMS-RG-00839 |
| VU       | 230    | 85       | 42                 | 55            | 40             | CBBC-240I                | MMS-RG-00840 |
| PU       | 230    | 105      | 109                | 110           | 45             | 6209-2RS                 | MMS-RG-00841 |
| PU       | 230    | 110      | 115                | 110           | 30             | 6208-RSC3                | MMS-RG-00842 |
| VU       | 230    | 110      | 116                | 110           | 30             | 6208-2RS                 | MMS-RG-00843 |
| PU       | 250    | 75       | 78                 | 78            | 35             | 6007-RS                  | MMS-RG-00844 |
| PU       | 250    | 80       | 75                 | 75            | 25             | 6305-Z                   | MMS-RG-00845 |
| PU       | 250    | 80       | 80                 | 80            | 35             | 6007-ZZ                  | MMS-RG-00846 |
| PU       | 254    | 76       | 68                 | 83            | 31             | -                        | MMS-RG-00847 |
| VU       | 265    | 108      | 113                | 108           | 40             | 6210-2RS1/3C             | MMS-RG-00848 |
| PU       | 280    | 106      | 111                | 80            | 14             | JRM3940X2/<br>JRM4068XD- | MMS-RG-00849 |
| VU       | 285    | 75       | 45                 | 78            | 45             | DAC45830045              | MMS-RG-00850 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



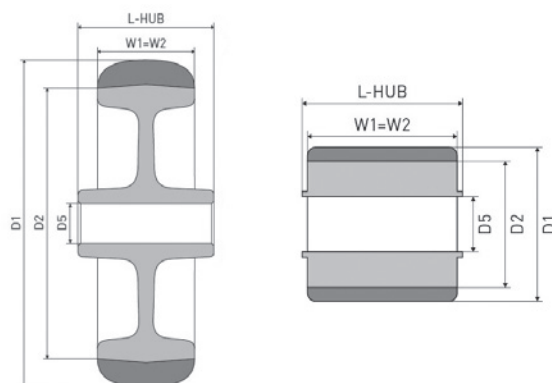
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing                  | REF          |
|----------|--------|----------|--------------------|---------------|----------------|--------------------------|--------------|
| PU       | 285    | 100      |                    | 74            | 37             | 309946-AC                | MMS-RG-00851 |
| PU       | 285    | 100      | 42                 | 65            | 40             | JRM4068-                 | MMS-RG-00852 |
| VU       | 285    | 100      | 42                 | 65            | 40             | JRM4068-                 | MMS-RG-00853 |
| VU-Soft  | 285    | 100      | 42                 | 62            | 40             | -                        | MMS-RG-00854 |
| VU       | 285    | 100      | 42                 | 64            | 40             | JRM4068-2RS              | MMS-RG-00855 |
| PU       | 285    | 100      | 42                 | 62            | 40             | JRM4068-2RS              | MMS-RG-00856 |
| VU       | 285    | 100      | 42                 | 70            | 40             | JRM4068-                 | MMS-RG-00857 |
| VU       | 285    | 100      | 42                 | 70            | 40             | JRM4068-                 | MMS-RG-00858 |
| VU       | 285    | 100      | 42                 | 66,7          | 40             | JRM3940X2/<br>JRM4068XD- | MMS-RG-00859 |
| VU       | 285    | 100      | 42                 | 62            | 40             | JRM4068-2RS              | MMS-RG-00860 |
| VU       | 285    | 140      | 42                 | 66            | 40             | -                        | MMS-RG-00861 |
| PU       | 285    | 100      | 43                 | 63,3          | 40             | -                        | MMS-RG-00862 |
| PU       | 285    | 100      | 84                 | 100           | 40             | 6208-RS                  | MMS-RG-00863 |
| PU       | 285    | 100      | 135                | 104           | 30             | 6009-2RS                 | MMS-RG-00864 |
| PU       | 285    | 105      | 85                 | 140           | 30             | 6009-2RS                 | MMS-RG-00865 |
| PU       | 285    | 105      | 118                | 110           | 30             | 6209-2RS                 | MMS-RG-00866 |
| PU       | 285    | 130      | 45                 | 90            | 45             | -                        | MMS-RG-00867 |
| PU       | 300    | 50       | 50                 | 50            | 50             | 6010-ZZ                  | MMS-RG-00868 |
| PU       | 300    | 100      | 100                | 100           | 50             | 6010-Z                   | MMS-RG-00869 |
| PU       | 300    | 100      | 107                | 79            | 40             | 32010-X                  | MMS-RG-00870 |
| PU       | 300    | 100      | 113                | 100           | 40             | 6210-2RS                 | MMS-RG-00871 |
| VU       | 300    | 100      | 113                | 100           | 40             | 6210-2RS                 | MMS-RG-00872 |
| PU       | 300    | 100      | 115                | 100           | 50             | 6210-2RS                 | MMS-RG-00873 |
| VU       | 300    | 103      | 116                | 103           | 40             | 6010-Z                   | MMS-RG-00874 |
| PU       | 300    | 106      | 55,2               | 80            | 30             | BTH1024C-                | MMS-RG-00875 |
| PU       | 300    | 106      | 101                |               | 30             | -                        | MMS-RG-00876 |
| VU       | 300    | 106      | 105                | 80            | 14             | BTH1024-C                | MMS-RG-00877 |
| VU       | 300    | 106      | 110                | 106           | 40             | 6210-RS                  | MMS-RG-00878 |
| PU       | 307    | 90       | 64                 | 64            | 25             | 6205-2RS                 | MMS-RG-00879 |
| PU-Soft  | 310    | 102      | 58                 | 63            | 55             | 6211-RS                  | MMS-RG-00880 |
| PU       | 310    | 102      | 63                 | 80            | 60             | 6012-RS                  | MMS-RG-00881 |
| PU       | 310    | 112      | 61,5               | 90            | 60             | 6012-2RS                 | MMS-RG-00882 |
| PU       | 312    | 100      |                    | 80            | 35             | 6207-2RS                 | MMS-RG-00883 |
| VU       | 320    | 100      | 42                 | 70            | 40             | JRM4068-2RS              | MMS-RG-00884 |
| PU       | 330    | 100      | 46                 | 75            | 27             | -                        | MMS-RG-00885 |
| PU       | 342    | 108      | 42                 | 68            | 40             | JRM4068-2RS              | MMS-RG-00886 |
| VU       | 343    | 146      | 44                 | 56            | 40             | JRM-3940                 | MMS-RG-00887 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH BEARINGS



| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing     | REF          |
|----------|--------|----------|--------------------|---------------|----------------|-------------|--------------|
| PU       | 345    | 140      | 140                | 140           | 35             | 6307-RS     | MMS-RG-00888 |
| VU       | 350    | 55       | 55                 | 55            | 40             | 6208-Z      | MMS-RG-00889 |
| PU       | 350    | 100      | 42                 | 70            | 40             | DU40680042- | MMS-RG-00890 |
| PU       | 350    | 100      | 43,2               | 68,5          | 40             | 4068-2RS    | MMS-RG-00891 |
| VU       | 350    | 106      |                    |               | 52             | BT1024C-    | MMS-RG-00892 |
| PU       | 350    | 106      | 103                | 80            | 14             | BTH-1024C   | MMS-RG-00893 |
| VU       | 350    | 108      | 107                |               | 40             | -           | MMS-RG-00894 |
| VU       | 350    | 108      | 113                | 83            | 40             | 32010-      | MMS-RG-00895 |
| PU-Soft  | 355    | 135      | 42                 | 70            | 40             | JRM4068-2RS | MMS-RG-00896 |
| VU       | 355    | 106      | 43                 | 61            | 40             | JRM4068-2RS | MMS-RG-00897 |
| VU       | 355    | 106      | 42                 | 69            | 40             | JRM4068-    | MMS-RG-00898 |
| PU       | 356    | 89       | 76                 | 76            | 25             | 6005-2RS    | MMS-RG-00899 |
| VU       | 370    | 160      |                    | 114           | 60             | -33212U     | MMS-RG-00900 |
| VU       | 370    | 160      |                    | 160           | 60             | 33212-      | MMS-RG-00901 |

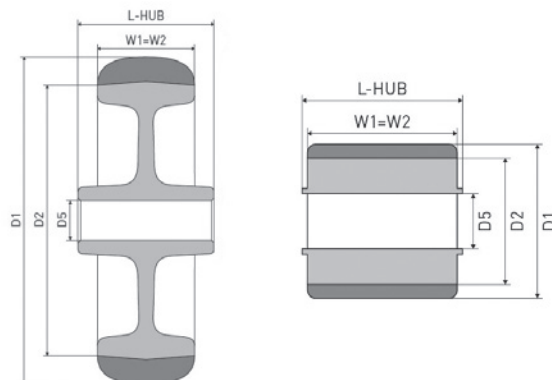
## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH WATERPROOF SEALS (WP)



| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF          |
|----------|--------|----------|--------------------|---------------|----------------|---------|--------------|
| PU       | 77     | 45       | 50                 |               | 12             | -       | 147TA4875    |
| PU       | 77     | 70       | 75                 |               | 12             | 6204    | 147TA4876    |
| PU       | 78     | 70       | 72                 |               | 20             | 6204    | 107TA6926    |
| VU       | 80     | 70       | 75,5               | 70            | 20             | 6204    | 107TA2832    |
| PU       | 80     | 74       | 76                 |               | 13             | 6006    | 147TA4877    |
| VU       | 80     | 95       | 100                | 95            | 20,5           | -       | 115TA5836    |
| PU       | 80     | 95       | 97                 |               | 20             | 6006    | 116TA5064    |
| PU       | 80     | 95       | 97                 |               | 20             | 6006    | MMS-RG-00902 |
| PU       | 82     | 58       | 67                 |               | 20             | -       | 129TA9250    |
| VU       | 82     | 60       | 63                 | 60            | 25             | -       | 129TA9255    |
| PU       | 82     | 65       | 70                 | 65            | 20             | -       | 129TA9264    |
| VU       | 82     | 68       | 73                 | 73            | 12             | -       | 147TA4914    |
| PU       | 82     | 68       | 76                 | 68            | 20             | -       | 129TA9268    |
| VU       | 82     | 70       | 74                 |               | 20             | -       | 147TA4884    |
| VU       | 82     | 82       | 87                 | 82            | 12             | 6006    | 147TA4885    |
| PU       | 82     | 95       | 100                | 95            | 12             | -       | 129TA9298    |
| PU-Soft  | 82     | 100      | 104                |               | 20             | -       | 147TA4889    |
| VU       | 82     | 110      | 116                |               | 30             | 6006    | 147TA4891    |
| VU       | 82     | 112      | 116                | 112           | 30             | 6006    | 129TA9320    |
| PU       | 82,5   | 58       | 63                 | 58            | 20             | 6204    | 129TA9251    |
| VU       | 84     | 60       | 65                 | 60            | 20             | -       | 129TA9355    |
| VU       | 84     | 75       | 80                 |               | 12             | -       | 129TA9380    |
| VU       | 84     | 85       | 90                 |               | 12             | -       | 147TA4902    |
| PU       | 84     | 90       | 96,5               |               | 20             | -       | 107TA2866    |
| PU       | 84     | 95       | 100                |               |                | -       | 107TA2870    |
| PU       | 84     | 100      | 104                |               | 25             | -       | 129TA9341    |
| PU-HP    | 84,2   | 60       | 64,8               | 60            | 12             | -       | 166TA6554    |
| VU       | 84,5   | 75       | 76,5               |               | 17,5           | -       | 166TA6555    |
| PU-Soft  | 85     | 44       | 64                 | 60            | 25             | -       | 147TA4895    |
| PU       | 85     | 45       | 49                 | 45            | 12             | -       | 107TA2833    |
| PU       | 85     | 55       | 60                 | 55            | 20             | -       | 107TA2841    |
| PU       | 85     | 55       | 60,5               |               | 25             | -       | 107TA2842    |
| VU       | 85     | 60       | 65                 | 60            | 12             | -       | 116TA5217    |
| PU       | 85     | 60       | 65                 | 60            | 12             | -       | 166TA6490    |
| PU       | 85     | 60       | 65                 |               | 12,5           | -       | 129TA9252    |
| PU       | 85     | 60       | 65                 | 60            | 20             | -       | 129TA9354    |
| VU       | 85     | 60       | 65                 |               | 25             | -       | 107TA2846    |
| VU       | 85     | 66       | 70,5               | 66            | 17,2           | -       | 129TA9365    |

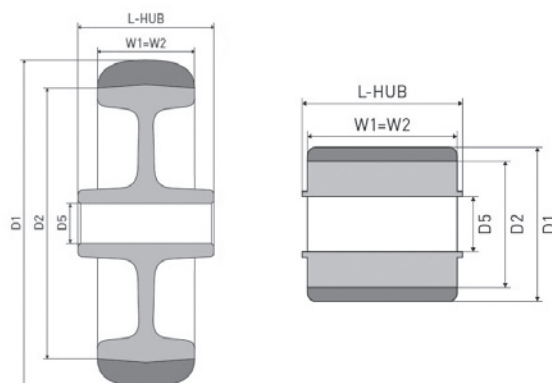


## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH WATERPROOF SEALS (WP)



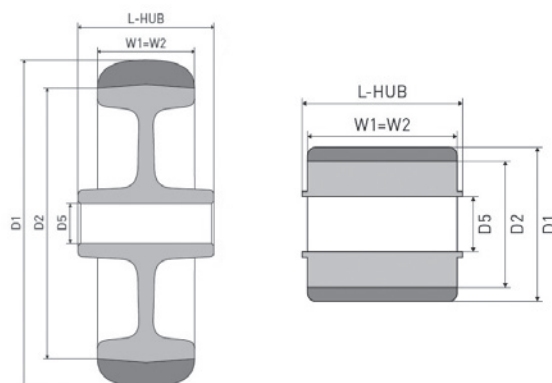
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF       |
|----------|--------|----------|--------------------|---------------|----------------|---------|-----------|
| PU       | 85     | 70       | 75                 | 70            | 12             | -       | 107TA2850 |
| VU       | 85     | 70       | 75                 | 70            | 12             | -       | 166TA6492 |
| PU       | 85     | 70       | 70                 | 70            | 20             | -       | 129TA9373 |
| PU-HP    | 85     | 70       | 75                 |               | 20             | -       | 166TA6494 |
| VU       | 85     | 70       | 75                 |               | 20             | -       | 129TA9368 |
| VU       | 85     | 70       | 75                 | 70            | 20             | -       | 129TA9369 |
| PU       | 85     | 70       | 75,4               | 70            | 20             | -       | 105TA4622 |
| PU       | 85     | 70       | 75                 | 70            | 25             | -       | 107TA2853 |
| PU       | 85     | 73       | 78                 |               | 20             | 6005    | 129TA9376 |
| VU       | 85     | 74       | 76                 |               | 13             | -       | 129TA9377 |
| PU       | 85     | 74       | 77                 | 74            | 13             | -       | 147TA4898 |
| VU       | 85     | 74       | 76                 | 75            | 13             | -       | 151TA2874 |
| PU       | 85     | 74       | 77                 | 74            | 20             | -       | 128TA4341 |
| PU-HP    | 85     | 75       | 80                 | 75            | 12             | -       | 166TA6496 |
| PU       | 85     | 75       | 79                 |               | 17             | 22053   | 129TA9385 |
| PU       | 85     | 75       | 77                 |               | 17             | 22053   | 108TA8550 |
| PU       | 85     | 75       | 80                 | 75            | 20             | -       | 107TA2855 |
| VU       | 85     | 75       | 80                 | 75            | 25             | 6006    | 129TA9389 |
| VU       | 85     | 80       | 85                 |               | 12             | -       | 129TA9397 |
| VU       | 85     | 80       | 85                 | 80            | 12,5           | -       | 129TA9393 |
| PU       | 85     | 80       | 82                 | 80            | 17             | -       | 108TA4140 |
| VU       | 85     | 80       | 83                 | 80            | 25             | -       | 129TA9395 |
| PU       | 85     | 80       | 85                 | 80            | 25             | 6006    | 107TA2860 |
| VU       | 85     | 85       | 90                 | 85            | 12             | -       | 147TA4901 |
| VU       | 85     | 85       | 90                 | 85            | 12             | -       | 147TA4916 |
| PU       | 85     | 85       | 90                 | 85            | 12             | -       | 116TA5218 |
| PU       | 85     | 85       | 90                 | 85            | 20             | -       | 129TA9403 |
| PU       | 85     | 85       | 90                 | 85            | 25             | 6006    | 107TA2864 |
| VU       | 85     | 85       |                    |               | 25             | -       | 108TA8577 |
| PU-HP    | 85     | 85       | 89                 | 85            | 25             | -       | 166TA6497 |
| VU       | 85     | 85       | 90                 | 85            | 25             | 6006    | 128TA4343 |
| PU       | 85     | 85       | 90                 | 85            | 25             | 6006    | 107TA2864 |
| VU       | 85     | 90       | 95                 | 90            | 12             | 6006    | 129TA9337 |
| PU       | 85     | 90       | 95                 |               | 17             | -       | 107TA2865 |
| VU       | 85     | 90       | 94                 | 90            | 20             | -       | 129TA9406 |
| PU       | 85     | 90       | 91                 | 900           | 20             | -       | 129TA9410 |
| VU       | 85     | 90       | 95                 |               | 25             | -       | 147TA4904 |
| PU       | 85     | 90       | 95                 | 90            | 25,5           | -       | 107TA2867 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH WATERPROOF SEALS (WP)



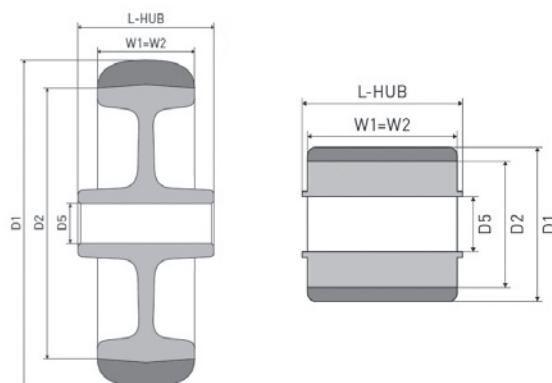
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF          |
|----------|--------|----------|--------------------|---------------|----------------|---------|--------------|
| PU       | 85     | 95       | 101                |               | 17             | -       | 107TA2868    |
| PU       | 85     | 95       | 100                | 95            | 20             | -       | 107TA2869    |
| VU       | 85     | 95       | 100                | 95            | 20             | 6204    | 129TA9414    |
| VU       | 85     | 95       | 97                 | 95            | 25             | 6006    | 143TA7777    |
| VU       | 85     | 95       | 100                | 95            | 25             | 6006    | 147TA4905    |
| VU       | 85     | 98       | 102                | 98            | 20             | 6205    | 129TA9421    |
| PU       | 85     | 99       | 105,5              | 99            | 17,4           | -       | 107TA2871    |
| PU       | 85     | 100      | 105                |               | 20             | -       | 107TA2872    |
| VU       | 85     | 100      | 105                | 100           | 20             | -       | 129TA9424    |
| VU       | 85     | 100      | 102                |               | 25             | 6006    | 116TA4556    |
| PU       | 85     | 105      | 110                | 105           | 12             | 6006    | 166TA6503    |
| VU       | 85     | 105      | 110                | 105           | 12             | 6006    | 147TA4908    |
| VU       | 85     | 105      | 110                | 105           | 12             | 6006    | MMS-RG-00903 |
| PU-HP    | 85     | 105      | 110                | 105           | 12             | -       | 166TA6499    |
| VU       | 85     | 105      | 110                |               | 12             | -       | 147TA4921    |
| VU       | 85     | 105      | 110                | 105           | 20             | 6204    | 116TA5107    |
| PU       | 85     | 105      | 111                |               | 25             | -       | 107TA2877    |
| PU       | 85     | 110      | 115                |               | 17             | -       | 107TA2878    |
| VU       | 85     | 110      | 115                |               | 17             | -       | 166TA6501    |
| VU       | 85     | 110      | 115                | 110           | 17             | 6006    | MMS-RG-00904 |
| VU       | 85     | 110      | 115                | 110           | 17             | 6006    | 166TA6500    |
| PU       | 85     | 110      | 115                |               | 25             | -       | 107TA2880    |
| PU-HP    | 85     | 110      | 115                | 110           | 25             | -       | 166TA6502    |
| VU       | 85     | 110      | 115                | 110           | 25             | 6006    | 129TA9435    |
| VU       | 85     | 110      | 115                | 110           | 25             | -       | 129TA9436    |
| PU       | 85     | 110      | 114                | 110           | 25,4           | -       | 129TA9437    |
| PU       | 86     | 100      | 102                |               | 25             | -       | 147TA4907    |
| PU       | 90     | 50       | 52                 | 50            | 20             | 6006    | 135TA9974    |
| PU       | 100    | 40       | 42                 | 40            | 10,3           | -       | 129TA9527    |
| PU       | 100    | 40       | 52                 |               | 20             | 6204    | 107TA3052    |
| VU       | 100    | 73       | 77                 | 73            | 20             | -       | 147TA4911    |
| VU       | 125    | 50       | 67                 | 60            | 12,5           | -       | 107TA3065    |
| VU       | 125    | 50       | 54                 | 50            | 20             | -       | 107TA2882    |
| VU       | 125    | 50       | 54                 | 50            | 20             | -       | 166TA6326    |
| VU       | 125    | 54       | 60                 | 54            | 25             | -       | 107TA3066    |
| PU       | 125    | 54       | 62                 | 58            | 25,5           | -       | 129TA9572    |
| VU       | 125    | 90       | 94                 |               | 25             | 6205    | 151TA2876    |
| VU       | 138    | 60       | 63                 | 60            | 20             | 6304    | 107TA3075    |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH WATERPROOF SEALS (WP)



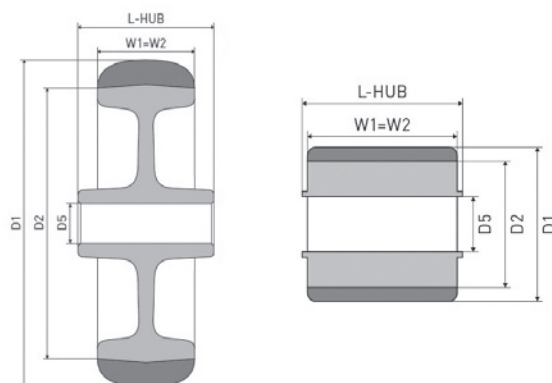
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF       |
|----------|--------|----------|--------------------|---------------|----------------|---------|-----------|
| VU       | 140    | 50       | 54                 | 50            | 20             | -       | 129TA9581 |
| VU       | 140    | 50       | 62                 | 50            | 20             | -       | 129TA9582 |
| VU       | 140    | 60       | 66                 | 60            | 12             | 6006    | 107TA3076 |
| PU       | 150    | 48       | 65                 | 60            | 12             | -       | 107TA3088 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH HEAVY-DUTY SHIELDS (HDS)



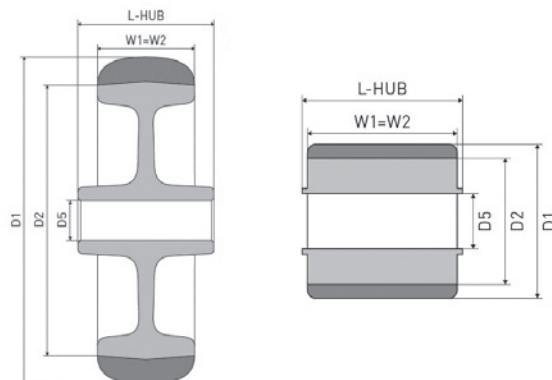
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF          |
|----------|--------|----------|--------------------|---------------|----------------|---------|--------------|
| PU       | 80     | 74       | 76                 | 74            | 13             | 6004    | 116TA5059    |
| PU       | 82     | 110      | 115                | 110           | 17             | -       | 166TA6414    |
| VU       | 85     | 95       | 99,7               | 95            | 25             | -       | 147TA4918    |
| VU       | 85     | 100      | 102                |               | 17             | -       | 129TA9423    |
| VU       | 85     | 100      | 105,5              | 100           | 25             | -       | 147TA4920    |
| VU       | 85     | 110      | 115                |               | 12             | -       | 129TA9434    |
| VU       | 90     | 88       | 92                 | 88            | 12             | -       | 129TA9452    |
| VU       | 90     | 95       | 97                 | 95            | 12             | -       | 147TA4923    |
| VU       | 90     | 100      | 104                | 100           | 12             | 6006    | 147TA4924    |
| VU       | 150    | 76       | 86                 | 80            | 25,5           | 6006    | 129TA9645    |
| VU       | 170    | 152      | 156                |               | 40             | 6310    | MMS-RG-00905 |
| VU       | 180    | 152      | 156                | 152           | 40             | -       | 166TA6540    |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH LABYRINTH SEALS



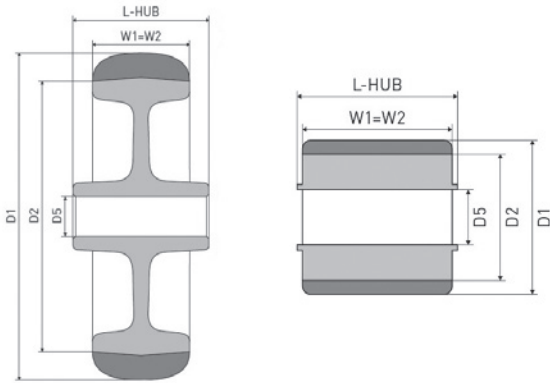
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF       |
|----------|--------|----------|--------------------|---------------|----------------|---------|-----------|
| PU       | 75     | 98       | 99,3               |               | 25             | -       | 166TA6342 |
| VU       | 81     | 65       | 67                 | 65            | 20             | 6204    | 129TA9246 |
| PU       | 82     | 70       | 74                 | 70            | 20             | -       | 129TA9279 |
| PU       | 82     | 100      | 104                | 100           | 20             | 6304    | 129TA9307 |
| PU       | 84     | 100      |                    | 100           | 17             | -       | 108TA4142 |
| PU       | 85     | 50       | 55                 | 50            | 25             | 6005    | 129TA9346 |
| VU       | 85     | 55       | 60                 |               | 20             | -       | 116TA5227 |
| PU       | 85     | 60       | 61                 |               | 17             | -       | 108TA4139 |
| PU       | 85     | 65       | 70                 | 65            | 17             | 6303    | 129TA9363 |
| PU       | 85     | 70       | 75                 | 70            | 20             | 6204    | 129TA9372 |
| VU       | 85     | 75       | 80                 | 75            | 20             | -       | 116TA5106 |
| PU       | 85     | 75       | 80                 | 75            | 25             | 6005    | 107TA2856 |
| PU       | 85     | 80       | 85                 |               | 12             | 6006    | 107TA2857 |
| VU       | 85     | 80       | 82                 | 80            | 17             | -       | 147TA4926 |
| PU       | 85     | 80       | 85                 | 80            | 20             | 6204    | 129TA9401 |
| PU       | 85     | 87       | 90                 | 87            | 17             | 6303    | 108TA4141 |
| VU       | 85     | 95       | 96,8               | 95            | 20             | -       | 129TA9416 |
| PU-HP    | 85     | 95       | 96,8               | 95            | 20             | -       | 166TA6498 |
| PU       | 85     | 95       | 97                 | 95            | 25             | -       | 147TA4894 |
| VU       | 85     | 100      | 102                | 100           | 20             | 6006    | 116TA5031 |
| PU       | 85     | 100      | 105                | 100           | 25             | -       | 107TA2873 |
| VU       | 85     | 105      | 110,2              | 105           | 25             | -       | 129TA9432 |
| VU       | 140    | 50       | 54,5               | 50            | 20             | -       | 151TA2877 |
| PU       | 140    | 60       | 75                 | 60            | 20             | 6006    | 151TA2878 |
| PU       | 150    | 40       | 55                 | 50            | 12,8           | 6005    | 151TA2879 |

## POLYURETHANE / VULKOLLAN ROLLERS & LOAD WHEELS WITH SPECIAL SEALS



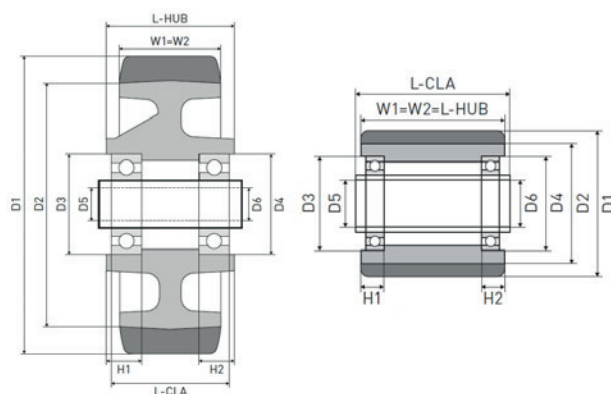
| Material | Dia mm | Width mm | Clamping length mm | Length hub mm | Dia shaft 1 mm | Bearing | REF       |
|----------|--------|----------|--------------------|---------------|----------------|---------|-----------|
| PU       | 78     | 94       | 72                 |               | 20             | 6204    | 107TA6909 |
| PU       | 80     | 60       | 63                 |               | 20             | 6204    | 145TA7690 |
| PU       | 80     | 74       | 76                 |               | 13             | 6004    | 116TA5059 |
| PU       | 82     | 89       | 96                 |               | 20             | 6204    | 147TA4931 |
| VU       | 84     | 74       | 75,8               | 74            | 13             | 6004    | 147TA4932 |
| PU       | 85     | 95       | 90                 | 95            | 20             | 6004    | 129TA9327 |
| VU       | 100    | 73       | 78                 |               | 20             | 6004    | 107TA3056 |

STEEL ROLLERS & LOAD WHEELS WITH FULL BORE



| Dia mm | Width mm | Length hub mm | Dia shaft 1 mm | Bearing | REF          |
|--------|----------|---------------|----------------|---------|--------------|
| 24     | 20       | 20            | 12             | -       | MMS-RG-00906 |
| 24     | 40       | 40            | 12             | -       | MMS-RG-00907 |
| 25     | 20       | 20            | 12             | -       | MMS-RG-00908 |
| 34     | 9,8      |               | 20             | -       | MMS-RG-00909 |
| 36     | 10       | 10            | 20,5           | -       | MMS-RG-00910 |
| 38     | 12       |               | 20,2           | -       | MMS-RG-00911 |
| 38     | 50       |               | 20             | -       | MMS-RG-00912 |
| 40     | 18       | 15            | 16             | -       | MMS-RG-00913 |
| 40     | 30       |               | 20             | -       | MMS-RG-00914 |
| 40     | 45       | 45            | 20             | -       | MMS-RG-00915 |
| 40     | 66       |               | 20             | -       | MMS-RG-00916 |
| 40     | 85       |               | 20             | -       | MMS-RG-00917 |
| 50     | 30       |               | 20             | -       | MMS-RG-00918 |
| 50     | 31       |               | 20             | -       | MMS-RG-00919 |

## STEEL ROLLERS & LOAD WHEELS WITH BEARINGS



| Dia mm | Width mm | Clamping length mm | Dia shaft 1 mm | Bearing    | REF          |
|--------|----------|--------------------|----------------|------------|--------------|
| 40     | 20       | 20                 | 10             | 6000-Z     | MMS-RG-00920 |
| 48     | 41       | 41                 | 14,29          | SCE910     | MMS-RG-00921 |
| 50     | 75       | 77                 | 20             | OTS        | MMS-RG-00922 |
| 80     | 70       | 66                 | 20             | 6204-Z     | MMS-RG-00923 |
| 80     | 100      | 100                | 20             | 6204-ZZ    | MMS-RG-00924 |
| 82     | 62       | 64                 | 20             | 6304-Z     | MMS-RG-00925 |
| 82     | 73       | 68                 | 20             | 6204       | MMS-RG-00926 |
| 82     | 98       | 94                 | 20             | 6204       | MMS-RG-00927 |
| 82     | 100      | 96                 | 20             | 6204       | MMS-RG-00928 |
| 83     | 70       | 62                 | 20             | 6204       | MMS-RG-00929 |
| 84     | 75       | 76,5               | 17             | 6303-RSVC3 | MMS-RG-00930 |
| 84     | 75       | 80                 | 20             | OTS        | MMS-RG-00931 |
| 84     | 100      | 100                | 17             | 6303-RSVC3 | MMS-RG-00932 |

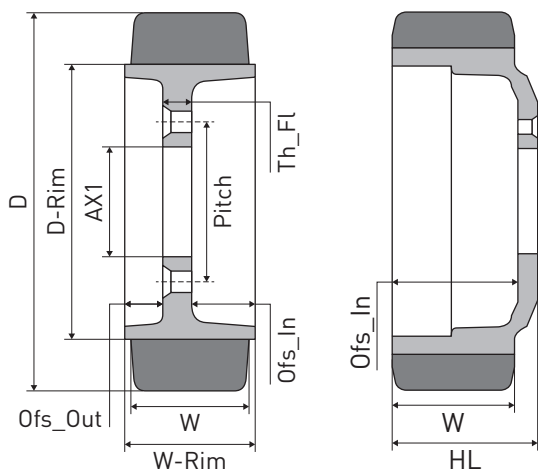
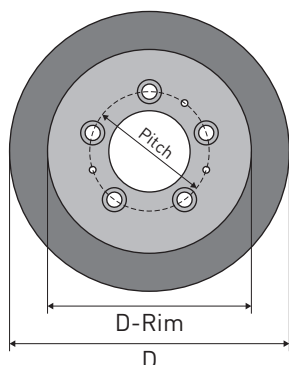






## HOW TO IDENTIFY YOUR WHEEL?

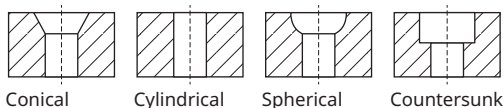
- Step 1:** count number of bolt holes  
**Step 2:** measure diameter of center hole (in mm)  
**Step 3:** measure wheel diameter (in mm)  
**Step 4:** measure wheel width (in mm)



## MATERIAL

Polyurethane – Vulkollan® – Tractothane® – Pu-Soft – Rubber – Rubber non-marking – Antistatic – Quartz – Cast iron – Steel – Aluminium

## TYPE OF BOLT HOLES

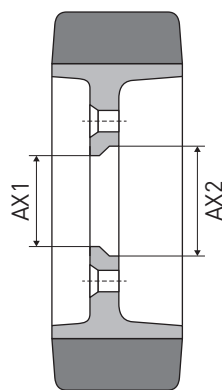


## EXTRA INFO

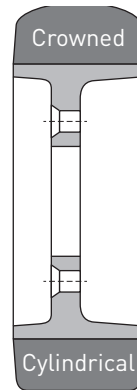
## SEARCHING THE CATALOGUE

The wheels are sorted by:

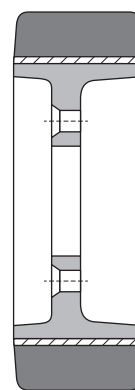
1. Number of bolt holes
2. Diameter center hole
3. Wheel diameter
4. Wheel width



Special case AX1/AX2



Shape of tread



Rim & press-on tyre

## MOST IMPORTANT INFO

|                             |          |                      |
|-----------------------------|----------|----------------------|
| Number of bolt holes:       | Qty-BH:  | <input type="text"/> |
| Center hole:                | AX1/AX2: | <input type="text"/> |
| Diameter bandage:           | D:       | <input type="text"/> |
| Width bandage:              | W:       | <input type="text"/> |
| Hub length (if applicable): | HL:      | <input type="text"/> |

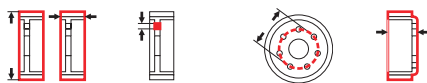
## MATERIAL OF THE WHEEL

|                   |          |                      |
|-------------------|----------|----------------------|
| Bandage material: | MAT:     | <input type="text"/> |
| Rim material:     | MAT-Rim: | <input type="text"/> |
| Profile (yes/no): | PRF:     | <input type="text"/> |

## OPTIONAL INFO

|                                 |          |                      |
|---------------------------------|----------|----------------------|
| Diameter rim:                   | D-Rim:   | <input type="text"/> |
| Width rim:                      | W-Rim:   | <input type="text"/> |
| Shape of tread (cyl/crowned):   | SH-TR:   | <input type="text"/> |
| Diameter bolt holes:            | D_BH:    | <input type="text"/> |
| Type of bolt holes:             | TY-BH:   | <input type="text"/> |
| Number of threaded holes:       | n_th:    | <input type="text"/> |
| Diameter of threaded holes:     | d_th:    | <input type="text"/> |
| Pitch diameter:                 | Pitch:   | <input type="text"/> |
| Thickness flange:               | Th_Fl:   | <input type="text"/> |
| Offset flange out:              | Ofs_Out: | <input type="text"/> |
| Offset flange in:               | Ofs_In:  | <input type="text"/> |
| Rim and press-on tyre (yes/no): | R&T:     | <input type="text"/> |

STANDARD DRIVE WHEELS



| Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF |
|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|-----|
|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|-----|

STANDARD DRIVE WHEELS WITH 4 BOLT HOLES



|    |        |      |    |    |  |     |  |     |              |
|----|--------|------|----|----|--|-----|--|-----|--------------|
| RB | 200x75 | 10,5 | 52 | 77 |  | 120 |  | CYL | MMS-RM-00001 |
|----|--------|------|----|----|--|-----|--|-----|--------------|



|    |        |      |    |    |  |     |    |  |              |
|----|--------|------|----|----|--|-----|----|--|--------------|
| VU | 200x75 | 10,5 | 52 | 77 |  | 142 | 10 |  | MMS-RM-00002 |
|----|--------|------|----|----|--|-----|----|--|--------------|



|    |        |      |    |  |  |     |    |     |              |
|----|--------|------|----|--|--|-----|----|-----|--------------|
| VU | 200x75 | 12,5 | 55 |  |  | 150 | 30 | CYL | MMS-RM-00003 |
|----|--------|------|----|--|--|-----|----|-----|--------------|



|         |        |      |    |  |  |     |    |  |              |
|---------|--------|------|----|--|--|-----|----|--|--------------|
| PU-soft | 200x75 | 12,5 | 55 |  |  | 150 | 30 |  | MMS-RM-00004 |
|---------|--------|------|----|--|--|-----|----|--|--------------|



## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | RB  | 200x85                      | 10,5                      | 72                        |                     | 33                           | 141              | 50                 |                 | MMS-RM-00005 |
|   | PU  | 200x85                      | 10,5                      | 72                        |                     | 32,5                         | 141              | 50                 |                 | MMS-RM-00006 |
|  | VU  | 200x85                      | 10,5                      | 72                        |                     | 32,5                         | 170              | 50                 | CYL             | MMS-RM-00007 |
|  | PU  | 216x68                      | 13                        | 114                       | 78                  | 3                            | 184              | 70                 | CYL             | MMS-RM-00008 |
|  | PU  | 220x70                      | 10                        | 60                        | 76                  |                              | 185              | 30                 |                 | MMS-RM-00009 |

STANDARD DRIVE WHEELS



| Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
| PU-soft | 230x80                | 14                  | 95                  | 80            | 25                     | 164        | 65           | CRW          | MMS-RM-00010 |



|    |        |    |    |    |    |     |    |     |              |
|----|--------|----|----|----|----|-----|----|-----|--------------|
| VU | 230x80 | 14 | 95 | 80 | 25 | 164 | 65 | CYL | MMS-RM-00011 |
|----|--------|----|----|----|----|-----|----|-----|--------------|



|         |        |    |    |    |    |     |    |  |              |
|---------|--------|----|----|----|----|-----|----|--|--------------|
| PU-soft | 230x80 | 14 | 95 | 80 | 25 | 164 | 65 |  | MMS-RM-00012 |
|---------|--------|----|----|----|----|-----|----|--|--------------|



|    |        |      |    |  |    |     |    |  |              |
|----|--------|------|----|--|----|-----|----|--|--------------|
| RB | 230x85 | 12,5 | 80 |  | 10 | 170 | 50 |  | MMS-RM-00013 |
|----|--------|------|----|--|----|-----|----|--|--------------|



|         |        |    |    |  |    |     |    |  |              |
|---------|--------|----|----|--|----|-----|----|--|--------------|
| PU-soft | 230x85 | 13 | 80 |  | 10 | 180 | 50 |  | MMS-RM-00014 |
|---------|--------|----|----|--|----|-----|----|--|--------------|

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 230x85                | 13                  | 80                  |               |                        | 192        | 50           | CRW          | MMS-RM-00015 |
|   | PU  | 230x90                | 13                  | 95                  |               | 36                     | 173        | 63           |              | MMS-RM-00016 |
|  | PU  | 230x90                | 13                  | 95                  |               | 36                     | 175        | 63           |              | MMS-RM-00017 |
|  | RB  | 230x90                | 13                  | 95                  |               | 36                     | 175        | 63           |              | MMS-RM-00018 |
|  | RB  | 230x90                | 13                  | 95                  |               | 36                     | 175        | 63           | CRW          | MMS-RM-00019 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU      | 230x90                | 13                  | 95                  |               | 36                     | 175        | 63           | CRW          | MMS-RM-00020 |
|   | PU-soft | 230x90                | 13                  | 95                  |               | 36                     | 175        | 63           | CRW          | MMS-RM-00021 |
|  | PU      | 233x85                | 12                  | 80                  |               | 10                     | 170        | 50           |              | MMS-RM-00022 |
|  | PU      | 250x75                | 15                  | 112                 |               | 6                      | 200        | 80           |              | MMS-RM-00023 |
|  | RB      | 250x80                | 12,5                | 80                  | 83            |                        | 170        | 50           |              | MMS-RM-00024 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU      | 250x80                | 12,5                | 80                  | 82,5          |                        | 195        | 50           |              | MMS-RM-00025 |
|   | VU-TR   | 250x80                | 15                  | 112                 |               |                        | 200        | 80           |              | MMS-RM-00026 |
|  | PU      | 250x88                | 13                  | 125                 |               | 12                     | 207        | 92           |              | MMS-RM-00027 |
|  | PU-soft | 250x88                | 13                  | 125                 |               | 12                     | 209        | 91           |              | MMS-RM-00028 |
|  | VU      | 250x105               | 15                  | 110                 |               | 30                     | 210        | 80           |              | MMS-RM-00029 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 250x105                     | 15                        | 112                       |                     | 25                           | 210              | 80                 | CYL             | MMS-RM-00030 |
|   | PU-soft | 250x105                     | 15                        | 112                       |                     | 25                           | 210              | 80                 | CYL             | MMS-RM-00031 |
|  | VU      | 254x85                      | 18,5                      | 70,5                      | 98,5                |                              | 190              | 30                 | CRW             | MMS-RM-00032 |
|  | RB      | 254x85                      | 18,5                      | 70,5                      | 98,5                |                              | 190              | 30                 | CRW             | MMS-RM-00033 |
|  | RB      | 254x102                     | 18,5                      | 70,5                      | 106                 |                              | 165,1            | 30                 | CRW             | MMS-RM-00034 |

## STANDARD DRIVE WHEELS

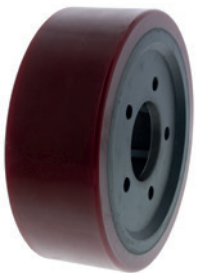
|                                                                                     |       |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat   | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | RB    | 256x100                                                                           | 13                                                                                | 125                                                                               |                                                                                   | 18                     | 190        | 92           | CRW          | MMS-RM-00035 |
|   | RB-NM | 300x80                                                                            | 18                                                                                | 130                                                                               |                                                                                   | 50                     | 200        | 85           |              | MMS-RM-00036 |
|  | RB-NM | 380x118                                                                           | 13,3                                                                              | 114                                                                               |                                                                                   | 27                     | 300        | 86           |              | MMS-RM-00037 |
|  | RB-NM | 380x127                                                                           | 17                                                                                | 146                                                                               |                                                                                   | 15                     | 330        | 113          |              | MMS-RM-00038 |
|  | RB-NM | 406x126                                                                           | 16                                                                                | 130                                                                               |                                                                                   | 68                     | 267        | 85           |              | MMS-RM-00039 |

STANDARD DRIVE WHEELS



| Mat                                                                               | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-----------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|  | RB-NM                 | 406x127             | 18                  | 119           | 67                     | 335        | 85           | CYL          | MMS-RM-00040 |

STANDARD DRIVE WHEELS WITH 5 BOLT HOLES



|    |        |      |      |    |    |     |    |     |              |
|----|--------|------|------|----|----|-----|----|-----|--------------|
| PU | 175x50 | 8,6  | 68   | 50 | 50 | 160 | 50 |     | MMS-RM-00041 |
| PU | 195x70 | 10,8 | 87,8 |    | 5  | 166 | 60 | CYL | MMS-RM-00042 |
| PU | 215x70 | 11   | 92   | 89 |    |     | 60 |     | MMS-RM-00043 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 215x70                      | 11                        | 92                        | 89                  |                              | 156              | 60                 |                 | MMS-RM-00044 |
|   | PU-soft | 215x70                      | 11                        | 92                        | 89                  | 80                           | 162              | 60                 |                 | MMS-RM-00045 |
|  | PU      | 215x75                      | 11                        | 92                        | 89                  |                              | 158              | 60                 | CRW             | MMS-RM-00046 |
|  | PU-soft | 215x78                      | 11                        | 92                        | 89                  |                              | 158              | 60                 |                 | MMS-RM-00047 |
|  | RB      | 215x79                      | 11                        | 92                        | 89                  |                              | 158              | 60                 | CRW             | MMS-RM-00048 |

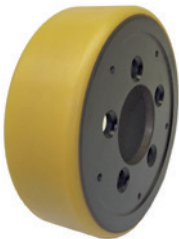
## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels<br>mm | Dia bolt hole(s)<br>mm | Dia pitch circle<br>mm | Length hub<br>mm | Outer offset flange<br>mm | Dia rim<br>mm | Dia shaft<br>mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|--------------------------|------------------------|------------------------|------------------|---------------------------|---------------|-----------------|--------------|--------------|
|    | RB-AS   | 215x80                   | 11                     | 92                     | 89               |                           |               | 60              |              | MMS-RM-00049 |
|   | VU      | 215x80                   | 11                     | 92                     | 89               |                           |               | 60              |              | MMS-RM-00050 |
|  | PU-soft | 215x80                   | 11                     | 92                     | 89               |                           |               | 60              |              | MMS-RM-00051 |
|  | RB      | 215x80                   | 11                     | 92                     |                  |                           | 158           | 60              |              | MMS-RM-00052 |
|  | RB-NM   | 215x80                   | 11                     | 92                     | 89               |                           | 158           | 60              |              | MMS-RM-00053 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU  | 218x83                      | 14                        | 71                        |                     |                              | 185              | 45                 | CYL             | MMS-RM-00054 |
|   | PU  | 228x75                      | 18,5                      | 112,5                     |                     | 2                            | 205              | 80                 | CYL             | MMS-RM-00055 |
|  | RB  | 230x60                      | 13                        | 70                        | 82                  |                              | 185              | 45                 |                 | MMS-RM-00056 |
|  | PU  | 230x64                      | 13                        | 70                        | 82                  |                              | 185              | 45                 |                 | MMS-RM-00057 |
|  | PU  | 230x65                      | 13                        | 70                        | 82                  |                              | 184              | 45                 |                 | MMS-RM-00058 |

STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | PU-soft | 230x70                | 13                  | 70                  | 77            |                        | 168        | 45           | CYL          | MMS-RM-00059 |
|   | VU      | 230x70                | 13                  | 71                  | 78            |                        | 169        | 45           | CYL          | MMS-RM-00060 |
|  | PU-soft | 230x70                | 13                  | 70                  | 76            |                        | 170        | 45           |              | MMS-RM-00061 |
|  | PU-soft | 230x70                | 13                  | 70                  | 76            |                        | 170        | 45           |              | MMS-RM-00062 |
|  | PU-soft | 230x70                | 13                  | 70                  | 76            |                        | 170        | 45           |              | MMS-RM-00063 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU      | 230x70                      | 13                        | 70                        | 77                  |                              | 170              | 45                 | CYL             | MMS-RM-00064 |
|   | PU-soft | 230x70                      | 13,2                      | 70                        | 77                  |                              | 170              | 45                 | CYL             | MMS-RM-00065 |
|  | PU      | 230x70                      | 13                        | 70                        | 77,5                |                              | 170              | 45                 |                 | MMS-RM-00066 |
|  | VU      | 230x70                      | 13                        | 70                        | 78                  |                              | 170              | 45                 | antiskid        | MMS-RM-00067 |
|  | VU      | 230x70                      | 13                        | 70                        | 77                  |                              | 172              | 45                 |                 | MMS-RM-00068 |

## STANDARD DRIVE WHEELS

|                                                                                     |               |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat           | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | PU-soft       | 230x70                                                                            | 13                                                                                | 70                                                                                | 76                                                                                |                        | 173        | 45           | CYL          | MMS-RM-00069 |
|   | PU            | 230x70                                                                            | 14,1                                                                              | 70                                                                                | 83                                                                                |                        | 175        | 45           | CYL          | MMS-RM-00070 |
|  | VU            | 230x70                                                                            | 14,1                                                                              | 70                                                                                | 82,7                                                                              |                        | 175        | 45           | CRW          | MMS-RM-00071 |
|  | VU            | 230x70                                                                            | 14                                                                                | 70                                                                                | 82                                                                                |                        | 180        | 45           | CYL          | MMS-RM-00072 |
|  | VU - tropical | 230x70                                                                            | 13                                                                                | 70                                                                                | 82                                                                                |                        | 180        | 45           | CRW          | MMS-RM-00073 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU      | 230x70                      | 13                        | 70                        | 83                  |                              | 180              | 45                 | CYL             | MMS-RM-00074 |
|   | PU-soft | 230x70                      | 14                        | 70                        | 82                  |                              | 180              | 45                 |                 | MMS-RM-00075 |
|  | PU      | 230x70                      | 14                        | 70                        | 82                  |                              | 182              | 45                 | CYL             | MMS-RM-00076 |
|  | PU      | 230x70                      | 13,1                      | 70                        | 79                  |                              | 182              | 45                 | CYL             | MMS-RM-00077 |
|  | VU      | 230x70                      | 14                        | 70                        | 82                  |                              | 182              | 45                 | antiskid        | MMS-RM-00078 |

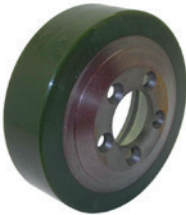
## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | RB-AS | 230x70                      | 13                        | 70                        | 82                  |                              | 182              | 45                 |                 | MMS-RM-00079 |
|   | VU    | 230x70                      | 13                        | 70                        | 76                  |                              | 183              | 45                 |                 | MMS-RM-00080 |
|  | RB    | 230x70                      | 14                        | 70                        | 82                  |                              | 183              | 45                 |                 | MMS-RM-00081 |
|  | RB    | 230x70                      | 14                        | 70                        | 82                  |                              | 183              | 45                 |                 | MMS-RM-00082 |
|  | PU-HP | 230x70                      | 13,4                      | 90                        | 82,7                |                              | 183              | 65                 | CYL             | MMS-RM-00083 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU-soft | 230x70                      | 14                        | 70                        | 82                  |                              | 184              | 45                 | CYL             | MMS-RM-00084 |
|   | VU      | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00085 |
|  | VU      | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00086 |
|  | RB      | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00087 |
|  | PU-soft | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00088 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU    | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00089 |
|   | PU    | 230x70                      | 13                        | 90                        | 83                  |                              | 184              | 65                 |                 | MMS-RM-00090 |
|  | VU-AS | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 | CYL             | MMS-RM-00091 |
|  | VU    | 230x70                      | 14                        | 70                        |                     | 9                            | 185              | 45                 | CRW             | MMS-RM-00092 |
|  | VU    | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 |                 | MMS-RM-00093 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 | CYL             | MMS-RM-00094 |
|   | PU      | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 | CYL             | MMS-RM-00095 |
|  | VU      | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 |                 | MMS-RM-00096 |
|  | VU-TR   | 230x70                      | 14                        | 70                        | 82                  |                              | 185              | 45                 | CRW             | MMS-RM-00097 |
|  | PU-soft | 230x70                      | 14                        | 70                        | 82                  |                              | 187              | 45                 | CYL             | MMS-RM-00098 |

## STANDARD DRIVE WHEELS

|                                                                                     |       |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat   | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | VU    | 230x70                                                                            | 14                                                                                | 70                                                                                | 82                                                                                |                        | 187        | 45           | CYL          | MMS-RM-00099 |
|   | PU-TR | 230x70                                                                            | 14                                                                                | 70                                                                                | 82                                                                                |                        | 187        | 45           | CYL          | MMS-RM-00100 |
|  | VU    | 230x70                                                                            | 13                                                                                | 70                                                                                | 72                                                                                |                        | 188        | 45           | CYL          | MMS-RM-00101 |
|  | VU-QZ | 230x70                                                                            | 13                                                                                | 70                                                                                | 72,5                                                                              |                        | 188        | 45           | antiskid     | MMS-RM-00102 |
|  | PU    | 230x70                                                                            | 14                                                                                | 70                                                                                | 82                                                                                |                        | 190        | 45           |              | MMS-RM-00103 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU    | 230x70                      | 14                        | 70                        | 82                  |                              | 190              | 45                 |                 | MMS-RM-00104 |
|   | RB    | 230x74                      | 13                        | 70                        | 82                  |                              | 180              | 45                 |                 | MMS-RM-00105 |
|  | PU    | 230x75                      | 12,5                      | 70                        | 82                  |                              | 170              | 45                 |                 | MMS-RM-00106 |
|  | RB-NM | 230x75                      | 13                        | 70                        | 84                  |                              | 175              | 45                 |                 | MMS-RM-00107 |
|  | VU    | 230x75                      | 13                        | 70                        | 82                  |                              | 180              | 45                 |                 | MMS-RM-00108 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU-TR   | 230x75                      | 13                        | 70                        | 82                  | 72                           | 180              | 45                 |                 | MMS-RM-00109 |
|   | VU      | 230x75                      | 13                        | 70                        | 83                  | 72                           | 180              | 45                 | CYL             | MMS-RM-00110 |
|  | RB-NM   | 230x75                      | 13                        | 70                        | 84                  |                              | 180              | 45                 |                 | MMS-RM-00111 |
|  | RB-NM   | 230x75                      | 13                        | 70                        | 83                  |                              | 180              | 45                 | CRW             | MMS-RM-00112 |
|  | PU-soft | 230x75                      | 13                        | 70                        | 83                  |                              | 181              | 45                 |                 | MMS-RM-00113 |

## STANDARD DRIVE WHEELS



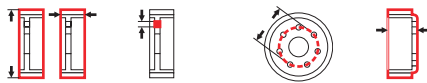
|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU-QZ | 230x75                | 13                  | 70                  | 82            |                        | 184        | 45           |              | MMS-RM-00114 |
|   | VU    | 230x75                | 13                  | 71                  | 83            |                        | 184        | 45           | CYL          | MMS-RM-00115 |
|  | RB    | 230x75                | 13                  | 70                  | 83            |                        | 185        | 45           |              | MMS-RM-00116 |
|  | VU-AS | 230x75                | 13                  | 70                  | 82            |                        | 185        | 45           |              | MMS-RM-00117 |
|  | PU    | 230x75                | 13                  | 70                  | 85            |                        | 187        | 30           |              | MMS-RM-00118 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU    | 230x75                      | 13                        | 70                        | 85                  |                              | 187              | 30                 |                 | MMS-RM-00119 |
|   | VU-AS | 230x75                      | 13                        | 70                        | 85                  |                              | 187              | 30                 |                 | MMS-RM-00120 |
|  | PU    | 230x82                      | 14                        | 70                        | 82                  |                              | 177              | 45                 |                 | MMS-RM-00121 |
|  | PU-HP | 230x82                      | 14                        | 70                        |                     |                              | 181              | 45                 | CYL             | MMS-RM-00122 |
|  | VU-QZ | 230x82                      | 14                        | 70                        | 82                  |                              | 184              | 45                 |                 | MMS-RM-00123 |

STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | PU-soft | 230x82                | 12                  | 70                  |               |                        | 185        | 30           | CRW          | MMS-RM-00124 |
|   | PU-soft | 230x82                | 12                  | 70                  |               |                        | 185        | 30           | CRW          | MMS-RM-00125 |
|  | RB      | 230x82                | 12                  | 70                  |               |                        | 185        | 30           |              | MMS-RM-00126 |
|  | RB      | 230x82                | 14                  | 70                  |               |                        | 185        | 45           |              | MMS-RM-00127 |
|  | PU-soft | 230x82                | 14                  | 70                  | 82            |                        | 185        | 45           |              | MMS-RM-00128 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU    | 230x82                | 14                  | 70                  |               |                        | 187        | 45           |              | MMS-RM-00129 |
|   | VU    | 230x82                | 14                  | 70                  |               |                        | 187        | 45           |              | MMS-RM-00130 |
|  | VU    | 230x90                | 13                  | 90                  |               | 5                      | 180        | 65           |              | MMS-RM-00131 |
|  | VU-QZ | 230x90                | 13                  | 90                  |               | 5                      | 180        | 65           |              | MMS-RM-00132 |
|  | RB    | 230x90                | 13                  | 90                  |               | 5                      | 180        | 65           |              | MMS-RM-00133 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU-TR   | 230x90                | 13                  | 90                  |               | 74                     | 180        | 65           |              | MMS-RM-00134 |
|   | PU-TR   | 230x90                | 13                  | 70                  |               | 6                      | 182        | 45           |              | MMS-RM-00135 |
|  | VU      | 230x90                | 13,2                | 70                  |               | 5,5                    | 185        | 45           | CRW          | MMS-RM-00136 |
|  | PU-HP   | 230x90                | 13                  | 70                  |               | 8                      | 185        | 45           |              | MMS-RM-00137 |
|  | PU-soft | 230x90                | 13                  | 70                  |               | 6                      | 185        | 45           | CYL          | MMS-RM-00138 |

## STANDARD DRIVE WHEELS

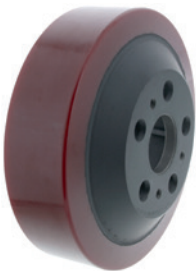


|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | PU-soft | 230x90                | 13                  | 70                  |               | 6                      | 185        | 45           | CRW          | MMS-RM-00139 |
|   | RB      | 230x90                | 13                  | 70                  |               | 8                      | 185        | 45           |              | MMS-RM-00140 |
|  | RB      | 230x90                | 13                  | 70                  |               | 8                      | 185        | 45           |              | MMS-RM-00141 |
|  | RB-NM   | 230x90                | 13                  | 70                  |               | 6                      | 185        | 45           |              | MMS-RM-00142 |
|  | RB-NM   | 230x90                | 13                  | 70                  |               | 6                      | 185        | 45           | CRW          | MMS-RM-00143 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU  | 230x90                      | 13                        | 70                        |                     | 6                            | 186              | 45                 | CRW             | MMS-RM-00144 |
|   | VU  | 230x100                     | 14                        | 112                       | 100                 | 21                           | 205              | 80                 |                 | MMS-RM-00145 |
|  | PU  | 233x85                      | 12,5                      | 70                        |                     |                              |                  | 45                 |                 | MMS-RM-00146 |
|  | PU  | 233x85                      | 12,5                      | 70                        | 90                  |                              |                  | 45                 |                 | MMS-RM-00147 |
|  | PU  | 250x70                      | 16                        | 100                       | 90                  |                              | 200              | 55                 | CYL             | MMS-RM-00148 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 250x75                      | 13                        | 70                        | 85                  |                              | 188              | 45                 | CYL             | MMS-RM-00149 |
|   | PU      | 250x75                      | 13,2                      | 70                        | 85                  |                              | 188              | 45                 | CYL             | MMS-RM-00150 |
|  | PU-soft | 250x75                      | 13,3                      | 70                        | 85                  |                              | 188              | 45                 | CYL             | MMS-RM-00151 |
|  | PU-soft | 250x75                      | 16                        | 112                       |                     |                              | 200              | 80                 | CYL             | MMS-RM-00152 |
|  | VU      | 250x75                      | 16                        | 112                       |                     | 14                           | 200              | 80                 | CRW             | MMS-RM-00153 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU    | 250x75                | 16                  | 112                 |               | 4                      | 200        | 80           | CYL          | MMS-RM-00154 |
|   | VU    | 250x75                | 19                  | 112                 |               | 2                      | 200        | 80           | CYL          | MMS-RM-00155 |
|  | PU    | 250x75                | 16                  | 112                 |               | 14                     | 200        | 80           | CYL          | MMS-RM-00156 |
|  | PU-HP | 250x75                | 16                  | 112                 |               | 4                      | 200        | 80           | CYL          | MMS-RM-00157 |
|  | VU    | 250x75                | 16                  | 112                 |               | 14                     | 200        | 80           | CRW          | MMS-RM-00158 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU-TR | 250x75                | 16                  | 112                 |               | 14                     | 200        | 80           | CRW          | MMS-RM-00159 |
|   | VU    | 250x75                | 19                  | 112                 |               | 2                      | 200        | 80           |              | MMS-RM-00160 |
|  | VU    | 250x75                | 16                  | 112                 |               | 4                      | 205        | 80           | CYL          | MMS-RM-00161 |
|  | PU    | 250x75                | 18                  |                     |               | 2                      | 210        | 80           | CYL          | MMS-RM-00162 |
|  | PU    | 250x80                | 18,5                | 112                 |               |                        | 170        | 80           | CYL          | MMS-RM-00163 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU    | 250x80                      | 15                        | 112                       |                     | 3,5                          | 200              | 80                 |                 | MMS-RM-00164 |
|   | VU    | 250x80                      | 18                        | 112                       |                     | 10                           | 204              | 80                 |                 | MMS-RM-00165 |
|  | VU    | 250x80                      | 18                        | 112                       |                     |                              | 205              | 80                 | CYL             | MMS-RM-00166 |
|  | VU    | 250x80                      | 15                        | 111                       |                     | 5                            | 205              | 80                 | CRW             | MMS-RM-00167 |
|  | VU-TR | 250x80                      | 15                        | 112                       |                     | 3,5                          | 200              | 80                 |                 | MMS-RM-00168 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 250x80                | 15                  | 112                 |               | 3,5                    | 200        | 80           |              | MMS-RM-00169 |
|   | PU  | 250x80                | 18,5                | 120                 | 105           | 20                     | 205        | 88           |              | MMS-RM-00170 |
|  | PU  | 250x82                | 18,5                | 112                 |               | 10                     | 204        | 80           | CYL          | MMS-RM-00171 |
|  | RB  | 250x85                | 18,5                | 112                 |               | 5                      | 190        | 80           | CYL          | MMS-RM-00172 |
|  | VU  | 250x92                | 16                  |                     |               | 12                     | 200        | 80           | CYL          | MMS-RM-00173 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU-QZ   | 250x92                | 16                  | 112                 |               | 12                     | 200        | 80           | antiskid     | MMS-RM-00174 |
|   | PU-soft | 250x92                | 16                  | 112                 |               | 9,5                    | 200        | 80           | CYL          | MMS-RM-00175 |
|  | PU      | 250x100               | 18,5                | 112                 |               | 20                     | 190        | 80           |              | MMS-RM-00176 |
|  | VU      | 250x100               | 18,5                | 112                 |               | 40                     | 200        | 80           |              | MMS-RM-00177 |
|  | RB-NM   | 250x100               | 18,5                | 112                 |               | 20                     | 200        | 80           | CYL          | MMS-RM-00178 |

STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | RB-NM | 250x100               | 18,5                | 112                 |               | 20                     | 200        | 80           | CYL          | MMS-RM-00179 |
|   | RB    | 250x100               | 19                  | 112                 |               | 20                     | 200        | 80           | CYL          | MMS-RM-00180 |
|  | VU    | 250x100               | 18                  | 112                 |               | 20                     | 200        | 80,2         | CYL          | MMS-RM-00181 |
|  | VU    | 250x100               | 18,5                | 112                 |               | 20                     | 200        | 80,2         |              | MMS-RM-00182 |
|  | VU    | 250x100               | 18,5                | 112                 |               | 20                     | 210        | 80,2         |              | MMS-RM-00183 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU    | 250x105                     | 18,5                      | 112                       |                     | 25                           | 170              | 80                 | CRW             | MMS-RM-00184 |
|   | PU-HP | 250x105                     | 16                        | 112                       |                     | 29                           | 190              | 80                 | CYL             | MMS-RM-00185 |
|  | VU    | 250x105                     | 16                        | 112                       |                     | 30                           | 190              | 80                 | CYL             | MMS-RM-00186 |
|  | RB    | 250x109                     | 18                        | 112                       |                     | 27                           | 170              | 80                 |                 | MMS-RM-00187 |
|  | VU    | 252x100                     | 16                        | 112                       |                     | 20                           | 205              | 80                 |                 | MMS-RM-00188 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | PU-HP   | 252x102               | 18                  | 112                 |               | 16,5                   | 179        | 80           | CYL          | MMS-RM-00189 |
|   | VU      | 254x82                | 18,5                | 112                 |               | 10                     | 204        | 80           | CRW          | MMS-RM-00190 |
|  | VU      | 254x82                | 18,5                | 112                 |               | 10                     | 204        | 80           | CYL          | MMS-RM-00191 |
|  | PU-soft | 254x90                | 14,5                | 90                  |               | 14,5                   | 210        | 40           | antiskid     | MMS-RM-00192 |
|  | VU      | 254x90                | 14,5                | 90                  |               | 14,5                   | 210        | 40           | CRW          | MMS-RM-00193 |

## STANDARD DRIVE WHEELS

|                                                                                     |         |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat     | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | PU-soft | 254x90                                                                            | 14,5                                                                              | 90                                                                                |                                                                                   | 14,5                   | 210        | 40           | CRW          | MMS-RM-00194 |
|   | PU-HP   | 254x90                                                                            | 14,5                                                                              | 90                                                                                |                                                                                   | 14,5                   | 210        | 40           | CRW          | MMS-RM-00195 |
|  | VU      | 254x90                                                                            | 14,5                                                                              | 90                                                                                |                                                                                   | 14,4                   | 210        | 40           |              | MMS-RM-00196 |
|  | RB      | 254x100                                                                           | 18                                                                                | 112                                                                               |                                                                                   | 14                     | 188        | 80           |              | MMS-RM-00197 |
|  | RB-AS   | 254x100                                                                           | 18,5                                                                              | 111,5                                                                             |                                                                                   | 68,5                   | 188        | 80           |              | MMS-RM-00198 |

STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU      | 254x100               | 18,5                | 112                 |               | 20,5                   | 205        | 80           | CYL          | MMS-RM-00199 |
|   | VU      | 254x100               | 18,5                | 111                 |               | 17                     | 205        | 80           | CYL          | MMS-RM-00200 |
|  | PU-soft | 254x100               | 18,5                | 112                 |               | 17                     | 210        | 80           | CRW          | MMS-RM-00201 |
|  | VU      | 254x100               | 18,5                | 112                 |               | 17                     | 210        | 80           | CRW          | MMS-RM-00202 |
|  | VU      | 254x100               | 18,5                | 112                 |               | 14                     | 210        | 80           |              | MMS-RM-00203 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | RB      | 254x102                     | 13                        | 70                        |                     | 19                           | 185              | 45                 | CYL             | MMS-RM-00204 |
|   | RB      | 254x102                     | 18                        | 112                       |                     | 16,5                         | 185              | 80                 | CRW             | MMS-RM-00205 |
|  | PU-soft | 254x102                     | 13,2                      | 70                        |                     | 19                           | 186              | 45                 | CYL             | MMS-RM-00206 |
|  | VU      | 254x102                     | 13                        | 70                        |                     | 19                           | 188              | 45                 | CYL             | MMS-RM-00207 |
|  | PU-soft | 254x102                     | 18                        | 112                       |                     | 16                           | 188              | 80                 |                 | MMS-RM-00208 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU-soft | 254x102                     | 18                        | 112                       |                     | 16                           | 188              | 80                 |                 | MMS-RM-00209 |
|   | VU      | 254x102                     | 18                        | 112                       |                     | 14                           | 210              | 80                 |                 | MMS-RM-00210 |
|  | VU      | 254x125                     | 18,5                      | 112                       |                     | 41,5                         | 210              | 80                 |                 | MMS-RM-00211 |
|  | VU      | 254x125                     | 18,5                      | 112                       |                     | 41,5                         | 210              | 80                 |                 | MMS-RM-00212 |
|  | VU      | 254x125                     | 14,5                      | 90                        |                     | 41,5                         | 215              | 40                 |                 | MMS-RM-00213 |

## STANDARD DRIVE WHEELS

|                                                                                     |       |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat   | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | VU    | 254x125                                                                           | 14,5                                                                              | 90                                                                                |                                                                                   | 41,5                   | 215        | 40           |              | MMS-RM-00214 |
|   | VU    | 280x75                                                                            | 16                                                                                | 112                                                                               |                                                                                   | 9                      | 227        | 80           |              | MMS-RM-00215 |
|  | PU    | 285x75                                                                            | 15                                                                                | 112                                                                               |                                                                                   | 8                      | 220        | 80           |              | MMS-RM-00216 |
|  | RB-NM | 302x100                                                                           | 12,5                                                                              | 110                                                                               |                                                                                   |                        | 235        | 72           | CYL          | MMS-RM-00217 |
|  | RB-NM | 305x100                                                                           | 15                                                                                | 114,3                                                                             |                                                                                   | 46,3                   | 254        | 86           |              | MMS-RM-00218 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU    | 308x120               | 16                  | 113                 |               | 62                     | 247        | 80           |              | MMS-RM-00219 |
|   | RB-NM | 310x100               | 15                  | 115                 |               | 45                     | 235        | 72           |              | MMS-RM-00220 |
|  | RB-NM | 310x100               | 14                  | 112                 |               | 44                     | 235        | 72           |              | MMS-RM-00221 |
|  | VU    | 310x100               | 18                  | 112                 | 80            | 21                     | 260        | 80           |              | MMS-RM-00222 |
|  | VU    | 310x100               | 18,5                | 112                 |               | 21                     | 260        | 80           |              | MMS-RM-00223 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 310x104                     | 18,5                      | 112                       |                     | 28                           | 255              | 80                 |                 | MMS-RM-00224 |
|   | VU      | 310x105                     | 16                        | 112                       |                     | 62                           | 230              | 80                 |                 | MMS-RM-00225 |
|  | VU      | 305x140                     | 16                        | 112                       |                     | 51                           | 230              | 80                 | CRW             | MMS-RM-00226 |
|  | PU-soft | 310x140                     | 16                        | 112                       |                     | 65                           | 242              | 80,5               | antiskid        | MMS-RM-00227 |
|  | VU      | 313x125                     | 18,5                      | 112                       |                     | 41,5                         | 240              | 80                 | CYL             | MMS-RM-00228 |

## STANDARD DRIVE WHEELS

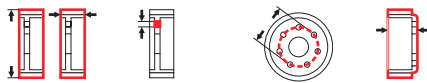
|                                                                                     |       |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat   | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | RB-NM | 317x108                                                                           | 13,5                                                                              | 114                                                                               |                                                                                   | 49                     | 266        | 86           | CYL          | MMS-RM-00229 |
|   | RB-NM | 323x100                                                                           | 12,5                                                                              | 215,9                                                                             |                                                                                   | 40                     | 281        | 186,6        |              | MMS-RM-00230 |
|  | RB-NM | 323x100                                                                           | 13                                                                                | 216                                                                               |                                                                                   | 39                     | 282,4      | 186          | CYL          | MMS-RM-00231 |
|  | PU    | 343x114                                                                           | 18,5                                                                              | 112                                                                               |                                                                                   | 7                      | 277        | 80           | CYL          | MMS-RM-00232 |
|  | VU    | 348x114                                                                           | 16                                                                                | 112                                                                               |                                                                                   | 7,5                    | 275        | 80           |              | MMS-RM-00233 |

## STANDARD DRIVE WHEELS



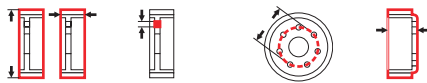
|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | RB-NM | 354x114               | 13,5                |                     |               | 54                     | 260        | 86           |              | MMS-RM-00234 |
|   | RB-NM | 402x124               | 14                  | 114                 |               | 58                     | 333        | 85           |              | MMS-RM-00235 |
|  | RB    | 406x101               | 18                  | 146                 |               | 40                     | 285        | 110          |              | MMS-RM-00236 |
|  | RB-NM | 406x128               | 13,5                | 114                 |               | 55                     | 335        | 86           |              | MMS-RM-00237 |
|  | RB-NM | 406x125               | 12,5                | 216                 |               | 40                     | 356        | 186          |              | MMS-RM-00238 |

STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | RB-NM | 406x127               | 13                  | 115                 | 120           | 58                     | 340        | 85           |              | MMS-RM-00239 |
|   | RB-NM | 406x127               | 13                  | 135                 |               | 25,5                   | 344        | 95           |              | MMS-RM-00240 |
|  | RB-NM | 410x130               | 13                  | 214                 |               | 25                     | 360        | 195          |              | MMS-RM-00241 |
|  | RB-NM | 457x178               | 18,4                | 145                 |               | 76                     | 406        | 110          | CYL          | MMS-RM-00242 |
|  | RB-NM | 600x190               | 15                  | 160                 |               | 40                     | 519        | 110          |              | MMS-RM-00243 |

STANDARD DRIVE WHEELS



| Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF |
|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|-----|
|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|-----|

STANDARD DRIVE WHEELS WITH 6 BOLT HOLES



|    |        |     |    |  |    |     |    |  |              |
|----|--------|-----|----|--|----|-----|----|--|--------------|
| PU | 200x75 | 8,5 | 63 |  | 18 | 100 | 45 |  | MMS-RM-00244 |
|----|--------|-----|----|--|----|-----|----|--|--------------|



|    |         |    |    |  |    |     |    |     |              |
|----|---------|----|----|--|----|-----|----|-----|--------------|
| PU | 218x100 | 13 | 78 |  | 47 | 170 | 55 | CYL | MMS-RM-00245 |
|----|---------|----|----|--|----|-----|----|-----|--------------|



|    |         |      |    |  |    |     |    |  |              |
|----|---------|------|----|--|----|-----|----|--|--------------|
| RB | 220x100 | 12,5 | 80 |  | 38 | 175 | 55 |  | MMS-RM-00246 |
|----|---------|------|----|--|----|-----|----|--|--------------|



|    |        |   |     |     |  |     |    |  |              |
|----|--------|---|-----|-----|--|-----|----|--|--------------|
| PU | 230x72 | 9 | 162 | 108 |  | 192 | 10 |  | MMS-RM-00247 |
|----|--------|---|-----|-----|--|-----|----|--|--------------|

STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | RB  | 230x75                | 14                  | 112                 |               | 6,5                    | 175        | 80           |              | MMS-RM-00248 |
|   | PU  | 230x75                | 14                  | 112                 |               | 8                      | 185        | 80           |              | MMS-RM-00249 |
|  | RB  | 230x75                | 14                  | 112                 |               | 6,5                    | 185        | 80           |              | MMS-RM-00250 |
|  | PU  | 230x75                | 14                  | 112                 |               | 8                      | 190        | 80           | CYL          | MMS-RM-00251 |
|  | VU  | 230x75                | 14                  | 112                 |               | 8,5                    | 190        | 80           |              | MMS-RM-00252 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU      | 230x75                      | 14                        | 112                       |                     | 8                            | 190              | 80                 | CYL             | MMS-RM-00253 |
|   | RB      | 230x85                      | 14                        | 112                       |                     | 18                           | 185              | 80                 |                 | MMS-RM-00254 |
|  | VU      | 230x90                      | 13                        | 65                        |                     | 40                           | 170              | 30                 |                 | MMS-RM-00255 |
|  | RB      | 230x90                      | 13                        | 65                        |                     | 40                           | 175              | 30                 |                 | MMS-RM-00256 |
|  | PU-soft | 235x75                      | 14,1                      | 112,1                     |                     | 9                            | 190              | 80                 | CRW             | MMS-RM-00257 |

## STANDARD DRIVE WHEELS

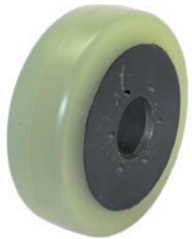


|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | PU  | 245x100                     | 10                        | 62                        |                     | 11                           | 203              | 30                 |                 | MMS-RM-00258 |
|   | PU  | 250x100                     | 12,5                      | 95                        |                     | 5                            | 190              | 30                 |                 | MMS-RM-00259 |
|  | PU  | 256x81                      | 10                        | 80                        | 81                  |                              | 210              | 30                 | CRW             | MMS-RM-00260 |
|  | PU  | 260x95                      | 10                        | 80                        |                     | 6                            | 210              | 30                 | CRW             | MMS-RM-00261 |
|  | RB  | 260x95                      | 10                        | 80                        |                     | 6                            | 210              | 30                 |                 | MMS-RM-00262 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 320x100               | 14                  | 130                 |               | 12                     | 270        | 70           |              | MMS-RM-00263 |
|   | VU  | 330x145               | 16                  | 118                 |               |                        | 194        |              | CYL          | MMS-RM-00264 |
|  | PU  | 343x114               | 13,5                | 128                 |               |                        | 246        | 93           |              | MMS-RM-00265 |
|  | PU  | 343x114               | 14                  | 110                 |               | 10                     | 275        | 80           | CYL          | MMS-RM-00266 |
|  | VU  | 350x140               | 18,5                | 112                 |               | 20,5                   | 290        | 80           | CYL          | MMS-RM-00267 |

## STANDARD DRIVE WHEELS



| Mat                                                                               | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-----------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|  | VU                    | 350x140             | 18,5                | 112           | 20,5                   | 290        | 80           | CRW          | MMS-RM-00268 |

|                                                                                    |       |         |      |     |    |     |     |     |              |
|------------------------------------------------------------------------------------|-------|---------|------|-----|----|-----|-----|-----|--------------|
|  | RB-NM | 457x178 | 21,5 | 205 | 74 | 406 | 161 | CYL | MMS-RM-00269 |
|------------------------------------------------------------------------------------|-------|---------|------|-----|----|-----|-----|-----|--------------|

|                                                                                     |       |         |      |     |    |     |     |  |              |
|-------------------------------------------------------------------------------------|-------|---------|------|-----|----|-----|-----|--|--------------|
|  | RB-NM | 600x190 | 20,5 | 205 | 61 | 520 | 162 |  | MMS-RM-00270 |
|-------------------------------------------------------------------------------------|-------|---------|------|-----|----|-----|-----|--|--------------|

## STANDARD DRIVE WHEELS WITH 7 BOLT HOLES

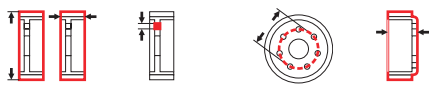
|                                                                                     |    |         |    |     |    |     |    |     |              |
|-------------------------------------------------------------------------------------|----|---------|----|-----|----|-----|----|-----|--------------|
|  | VU | 310x120 | 16 | 112 | 12 | 245 | 80 | CYL | MMS-RM-00271 |
|-------------------------------------------------------------------------------------|----|---------|----|-----|----|-----|----|-----|--------------|

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 310x120               | 16                  | 112                 |               | 12                     | 252        | 80           |              | MMS-RM-00272 |
|   | VU  | 327x135               | 15,5                | 111,5               |               | 103                    | 253        | 80           |              | MMS-RM-00273 |
|  | VU  | 330x135               | 15                  | 112                 |               | 18                     | 255        | 80           | CYL          | MMS-RM-00274 |
|  | VU  | 343x110               | 18,5                | 125                 |               | 3                      | 276        | 90           | CYL          | MMS-RM-00275 |
|  | VU  | 343x114               | 15                  | 112                 | 116           |                        | 267        | 80           |              | MMS-RM-00276 |

STANDARD DRIVE WHEELS



| Mat                                                                                 | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU                    | 343x114             | 18,5                | 112           | 7                      | 275        | 80           | CRW          | MMS-RM-00277 |
|   | VU                    | 343x114             | 15                  | 125           | 4                      | 275        | 90           | CYL          | MMS-RM-00278 |
|  | VU                    | 343x114             | 18,7                | 125           | 2                      | 277        | 90           |              | MMS-RM-00279 |
|  | VU                    | 343x114             | 18,5                | 112           | 6                      | 280        | 80           |              | MMS-RM-00280 |
|  | VU                    | 343x114             | 18,5                | 125           | 3                      | 289        | 90           | CYL          | MMS-RM-00281 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 343x135               | 15,5                | 112                 |               | 20                     | 270        | 80           | CYL          | MMS-RM-00282 |
|   | VU  | 343x135               | 15,4                | 125                 |               | 13                     | 278        | 90           |              | MMS-RM-00283 |
|  | VU  | 343x135               | 15,5                | 125                 |               | 13                     | 285        | 90           | CYL          | MMS-RM-00284 |
|  | VU  | 343x136               | 18,5                | 112                 |               | 21                     | 285        | 80           | CYL          | MMS-RM-00285 |
|  | VU  | 343x140               | 18,5                | 112                 |               | 24                     | 275        | 80           | CYL          | MMS-RM-00286 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU  | 343x140                     | 15                        | 125                       |                     | 18                           | 278              | 90                 | CYL             | MMS-RM-00287 |
|   | VU  | 343x140                     | 18,5                      | 125                       |                     | 18                           | 278              | 90                 |                 | MMS-RM-00288 |
|  | VU  | 343x140                     | 14,5                      | 112                       |                     | 51                           | 280              | 80                 | CRW             | MMS-RM-00289 |
|  | VU  | 343x140                     | 18,5                      | 112                       |                     | 23                           | 283              | 80                 |                 | MMS-RM-00290 |
|  | VU  | 350x127                     | 16                        | 112                       |                     | 16                           | 290              | 80                 |                 | MMS-RM-00291 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU    | 350x140               | 16                  | 112                 |               | 22                     | 290        | 80           |              | MMS-RM-00292 |
|   | VU    | 350x140               | 16                  | 125                 |               | 16                     | 290        | 90           | CYL          | MMS-RM-00293 |
|  | VU-TR | 350x155               | 18,5                | 125                 |               | 27                     | 290        | 90           | CYL          | MMS-RM-00294 |
|  | VU    | 350x155               | 18,5                | 125                 |               | 27                     | 290        | 90           | CYL          | MMS-RM-00295 |
|  | VU-TR | 360x130               | 18,5                | 125                 |               | 6,5                    | 300        | 90           |              | MMS-RM-00296 |

## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|    | VU  | 360x130               | 18,5                | 125                 |               | 105                    | 305        | 90           |              | MMS-RM-00297 |
|   | VU  | 360x140               | 18                  | 125                 |               | 22                     | 300        | 90           | CYL          | MMS-RM-00298 |
|  | VU  | 360x140               | 18,5                | 125                 |               | 17                     | 300        | 90           | CYL          | MMS-RM-00299 |
|  | VU  | 350x155               | 18,5                | 125                 |               | 27                     | 290        | 90           | CYL          | MMS-RM-00300 |
|  | VU  | 400x140               | 18,5                | 110                 |               | 17                     | 332        | 80           | CYL          | MMS-RM-00301 |



## STANDARD DRIVE WHEELS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|    | VU  | 400x156                     | 18,5                      | 112                       |                     | 31                           | 300              | 80                 | CRW             | MMS-RM-00302 |
|   | VU  | 400x160                     | 16                        | 112                       |                     | 32                           | 340              | 80                 | CYL             | MMS-RM-00303 |
|  | RB  | 456x205                     | 18                        | 145                       |                     | 92                           | 308              | 110                | CYL             | MMS-RM-00304 |

## STANDARD DRIVE WHEELS WITH 8 BOLT HOLES

|                                                                                     |    |        |   |     |  |  |  |     |  |              |
|-------------------------------------------------------------------------------------|----|--------|---|-----|--|--|--|-----|--|--------------|
|  | PU | 250x60 | 7 | 181 |  |  |  | 210 |  | MMS-RM-00305 |
|-------------------------------------------------------------------------------------|----|--------|---|-----|--|--|--|-----|--|--------------|

## STANDARD DRIVE WHEELS

|                                                                                     |         |  |  |  |  |                        |            |              |              |              |
|-------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                     | Mat     | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|    | PU      | 250x80                                                                            | 10,5                                                                              | 80                                                                                |                                                                                   | 1,5                    |            | 170          | CYL          | MMS-RM-00306 |
|   | PU-soft | 250x90                                                                            | 7                                                                                 | 185                                                                               |                                                                                   |                        |            | 210          |              | MMS-RM-00307 |
|  | VU-soft | 310x104                                                                           | 12,5                                                                              | 92                                                                                |                                                                                   |                        |            | 263          |              | MMS-RM-00308 |
|  | PU-soft | 330x128                                                                           | 13                                                                                | 114                                                                               |                                                                                   |                        |            | 220          |              | MMS-RM-00309 |
|  | VU-soft | 377x152                                                                           | 18                                                                                | 145                                                                               |                                                                                   | 41                     |            | 320          |              | MMS-RM-00310 |

## STANDARD DRIVE WHEELS



|                                                                                   | Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Outer offset<br>flange<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape<br>thread | REF          |
|-----------------------------------------------------------------------------------|-----|-----------------------------|---------------------------|---------------------------|---------------------|------------------------------|------------------|--------------------|-----------------|--------------|
|  | VU  | 400x160                     | 15                        | 145                       |                     | 50                           |                  | 350                |                 | MMS-RM-00311 |

|                                                                                    |    |         |    |       |  |    |  |     |     |              |
|------------------------------------------------------------------------------------|----|---------|----|-------|--|----|--|-----|-----|--------------|
|  | VU | 405x178 | 15 | 146,4 |  | 66 |  | 320 | CYL | MMS-RM-00312 |
|------------------------------------------------------------------------------------|----|---------|----|-------|--|----|--|-----|-----|--------------|

|                                                                                     |       |         |      |     |  |    |  |     |  |              |
|-------------------------------------------------------------------------------------|-------|---------|------|-----|--|----|--|-----|--|--------------|
|  | RB-NM | 559x178 | 17,3 | 203 |  | 65 |  | 465 |  | MMS-RM-00313 |
|-------------------------------------------------------------------------------------|-------|---------|------|-----|--|----|--|-----|--|--------------|

## STANDARD DRIVE WHEELS WITH 9 BOLT HOLES

|                                                                                     |       |         |      |  |  |    |     |     |  |              |
|-------------------------------------------------------------------------------------|-------|---------|------|--|--|----|-----|-----|--|--------------|
|  | RB-NM | 559x152 | 16,5 |  |  | 32 | 450 | 203 |  | MMS-RM-00314 |
|-------------------------------------------------------------------------------------|-------|---------|------|--|--|----|-----|-----|--|--------------|

## STANDARD DRIVE WHEELS

|                                                                                   |       |  |  |  |  |                        |            |              |              |              |
|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|------------|--------------|--------------|--------------|
|                                                                                   | Mat   | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|  | RB-NM | 559x178                                                                           | 17                                                                                | 242                                                                               |                                                                                   | 32                     | 465        | 200          |              | MMS-RM-00315 |

|                                                                                    |       |           |      |       |  |     |     |     |  |              |
|------------------------------------------------------------------------------------|-------|-----------|------|-------|--|-----|-----|-----|--|--------------|
|  | RB-NM | 635x171,5 | 17,5 | 241,5 |  | 106 | 572 | 203 |  | MMS-RM-00316 |
|------------------------------------------------------------------------------------|-------|-----------|------|-------|--|-----|-----|-----|--|--------------|

## STANDARD DRIVE WHEELS WITH 12 BOLT HOLES

|                                                                                     |    |        |     |     |  |  |     |     |  |              |
|-------------------------------------------------------------------------------------|----|--------|-----|-----|--|--|-----|-----|--|--------------|
|  | RB | 310x94 | 6,8 | 224 |  |  | 250 | 210 |  | MMS-RM-00317 |
|-------------------------------------------------------------------------------------|----|--------|-----|-----|--|--|-----|-----|--|--------------|

|                                                                                     |         |         |    |     |  |    |     |       |     |              |
|-------------------------------------------------------------------------------------|---------|---------|----|-----|--|----|-----|-------|-----|--------------|
|  | VU-soft | 400x160 | 15 | 145 |  | 51 | 350 | 110,2 | CYL | MMS-RM-00318 |
|-------------------------------------------------------------------------------------|---------|---------|----|-----|--|----|-----|-------|-----|--------------|

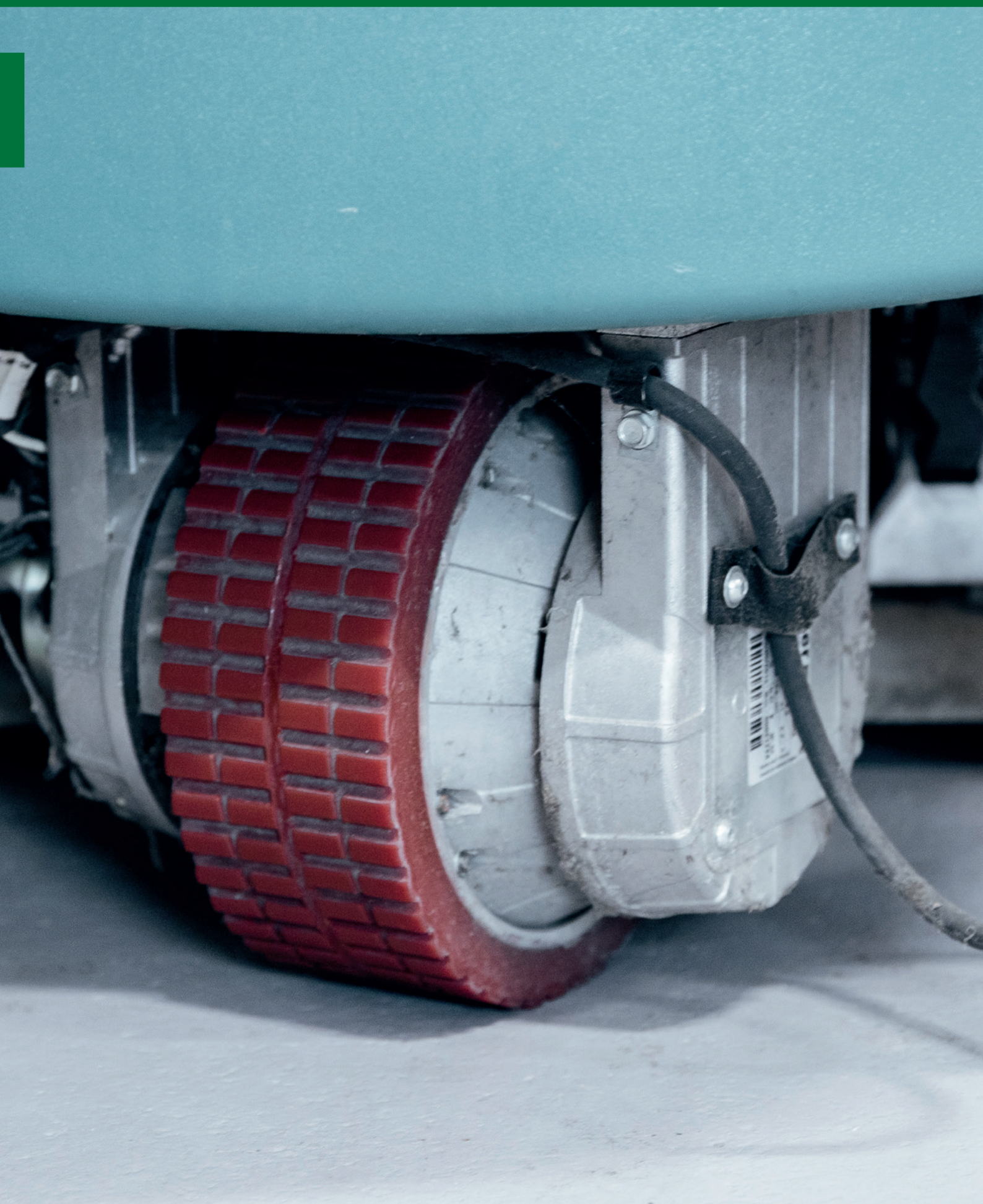
STANDARD DRIVE WHEELS



| Mat                                                                                | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|------------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|------------------------|------------|--------------|--------------|--------------|
|   | VU                    | 406x170             | 18,5                | 160           | 28                     | 347        | 110          | CYL          | MMS-RM-00319 |
|  | VU                    | 406x170             | 18                  | 145           | 53                     | 350        | 110          |              | MMS-RM-00320 |

## NOTES





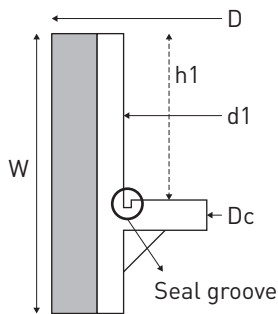
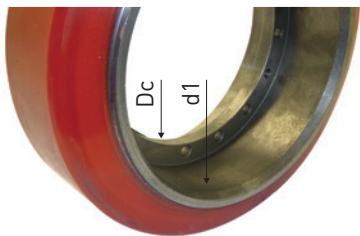




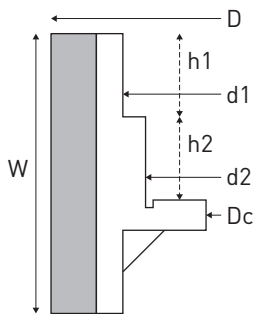
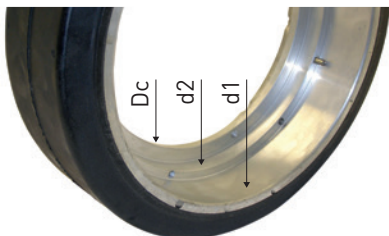


DIRECT DRIVE WHEELS

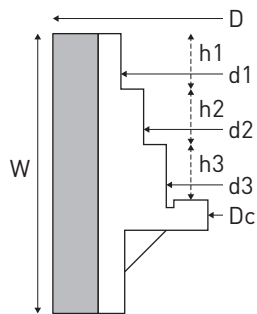
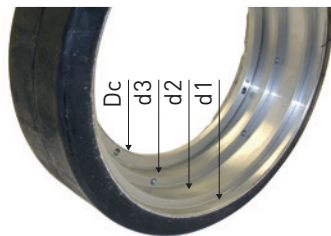
TYPE 1



TYPE 2



TYPE 3



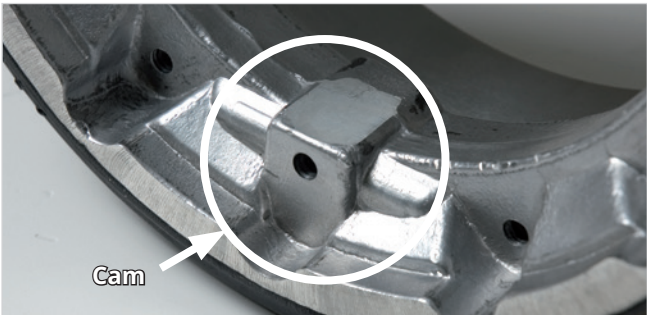
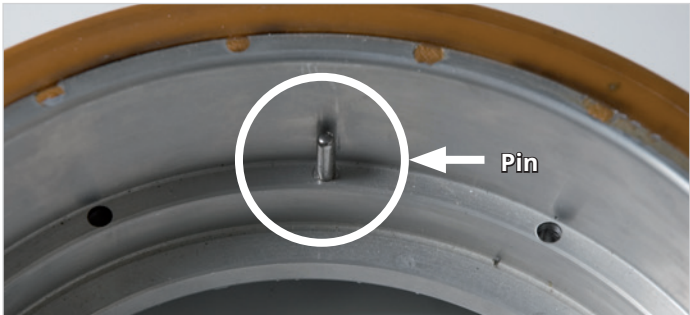
MATERIAL

Polyurethane – Vulkollan® – Tractothane® – Pu-Soft – Rubber – Rubber non-marking – ...

The rim can be in steel or aluminium.

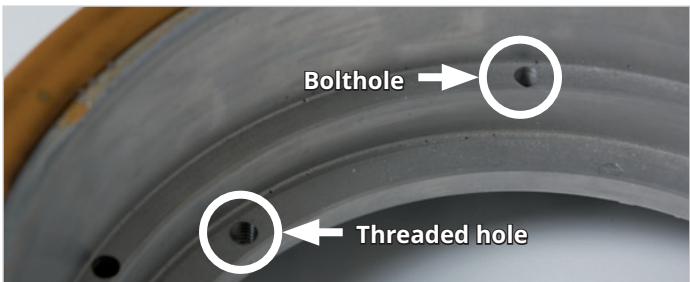
|                       |     |                      |     |                      |
|-----------------------|-----|----------------------|-----|----------------------|
| Outer diameter:       | D:  | <input type="text"/> |     |                      |
| Inner dia 1/height 1: | d1: | <input type="text"/> | h1: | <input type="text"/> |
| Inner dia 2/height 2: | d2: | <input type="text"/> | h2: | <input type="text"/> |
| Inner dia 3/height 3: | d3: | <input type="text"/> | h3: | <input type="text"/> |
| Center diameter:      | Dc: | <input type="text"/> |     |                      |
| Width:                | W:  | <input type="text"/> |     |                      |

|                           |          |                      |
|---------------------------|----------|----------------------|
| Number of bolt holes:     | Qty-BH:  | <input type="text"/> |
| Number of threaded holes: | Qty-TH:  | <input type="text"/> |
| Number of pins:           | Qty-PIN: | <input type="text"/> |
| Seal groove (yes/no):     | GRV-PR:  | <input type="text"/> |
| Cams (yes/no):            | CAM-PR:  | <input type="text"/> |



THE LIST IS SORTED PER

1. Number of bolt holes
2. Center diameter
3. Diameter of the wheel
4. Width of the wheel



## DIRECT DRIVE WHEELS



| Mat | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF |
|-----|-----------------------|---------------------|---------------------|---------------|----------------|--------------|-------------|-------------|-----|
|-----|-----------------------|---------------------|---------------------|---------------|----------------|--------------|-------------|-------------|-----|

### DIRECT DRIVE WHEELS WITH 5 BOLT HOLES



|    |         |      |     |  |    |     |  |  |              |
|----|---------|------|-----|--|----|-----|--|--|--------------|
| RB | 323x100 | 12,8 | 217 |  | 39 | CYL |  |  | MMS-RD-00001 |
|----|---------|------|-----|--|----|-----|--|--|--------------|

### DIRECT DRIVE WHEELS WITH 6 BOLT HOLES



|    |        |     |       |  |   |     |             |           |              |
|----|--------|-----|-------|--|---|-----|-------------|-----------|--------------|
| RB | 185x60 | 5,5 | 137,5 |  | 6 | CYL | 130/145/152 | 14/31/5,5 | MMS-RD-00002 |
|----|--------|-----|-------|--|---|-----|-------------|-----------|--------------|



|    |        |     |       |  |   |  |           |  |              |
|----|--------|-----|-------|--|---|--|-----------|--|--------------|
| RB | 186x60 | 6,5 | 137,5 |  | 6 |  | 130/145/- |  | MMS-RD-00003 |
|----|--------|-----|-------|--|---|--|-----------|--|--------------|



|         |        |     |  |  |  |     |             |             |              |
|---------|--------|-----|--|--|--|-----|-------------|-------------|--------------|
| PU-Soft | 186x60 | 5,7 |  |  |  | CYL | 130/144,9/- | 13,5/36,4/- | MMS-RD-00004 |
|---------|--------|-----|--|--|--|-----|-------------|-------------|--------------|

## DIRECT DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|----------------|--------------|-------------|-------------|--------------|
|    | VU-Soft | 209x71                | 7                   | 161                 |               |                | CYL          | -/-/172     | 6/45/27     | MMS-RD-00005 |
|   | PU      | 210x70                | 7                   | 162                 | 83            |                | CYL          | 172,3/-/-   | 76/-/-      | MMS-RD-00006 |
|  | PU      | 210x71                |                     |                     |               |                | CYL          | 172/149/-   | 15,5/29/-   | MMS-RD-00007 |
|  | PU      | 210x72                |                     |                     |               |                | CYL          | 150/172/-   | 17/28/-     | MMS-RD-00008 |
|  | PU      | 211x70                |                     |                     |               |                | CYL          | 150/172/-   | 16/28/-     | MMS-RD-00009 |

## DIRECT DRIVE WHEELS



| Mat                                                                                 | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF          |
|-------------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|----------------|--------------|-------------|-------------|--------------|
|    | RB-NM                 | 230x76              | 158,5               | 103           |                | CYL          | 150/151/-   | 18/39/-     | MMS-RD-00010 |
|   | VU                    | 240x77              | 5,5                 | 187           | 77             |              | 180/193/-   |             | MMS-RD-00011 |
|  | RB                    | 250x76              | 5,8                 | 186           | 21             |              | 180/193/-   |             | MMS-RD-00012 |
|  | RB                    | 270x105             | 9                   | 188           | 125            | CRW          | 215/-/-     |             | MMS-RD-00013 |

## DIRECT DRIVE WHEELS



| Mat | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Shape<br>thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF |
|-----|-----------------------------|---------------------------|---------------------------|---------------------|----------------------|-----------------|----------------|----------------|-----|
|-----|-----------------------------|---------------------------|---------------------------|---------------------|----------------------|-----------------|----------------|----------------|-----|

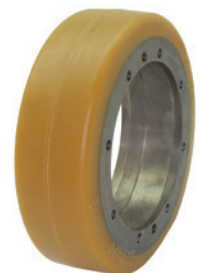
## DIRECT DRIVE WHEELS WITH 8 BOLT HOLES



|    |        |     |     |  |  |     |           |         |              |
|----|--------|-----|-----|--|--|-----|-----------|---------|--------------|
| RB | 198x65 | 6,6 | 150 |  |  | CRW | 140/140/- | 18/31/- | MMS-RD-00014 |
|----|--------|-----|-----|--|--|-----|-----------|---------|--------------|



|    |        |   |     |    |  |  |         |  |              |
|----|--------|---|-----|----|--|--|---------|--|--------------|
| PU | 230x65 | 9 | 172 | 75 |  |  | 203/-/- |  | MMS-RD-00015 |
|----|--------|---|-----|----|--|--|---------|--|--------------|



|    |        |     |     |  |  |  |           |  |              |
|----|--------|-----|-----|--|--|--|-----------|--|--------------|
| PU | 230x70 | 8,5 | 160 |  |  |  | 172/176/- |  | MMS-RD-00016 |
|----|--------|-----|-----|--|--|--|-----------|--|--------------|



|    |        |   |     |    |  |  |           |  |              |
|----|--------|---|-----|----|--|--|-----------|--|--------------|
| RB | 236x70 | 5 | 173 | 70 |  |  | 182,6/-/- |  | MMS-RD-00017 |
|----|--------|---|-----|----|--|--|-----------|--|--------------|

## DIRECT DRIVE WHEELS

|                                                                                     |     |  |  |  |  |                |              |             |             |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|--------------|-------------|-------------|--------------|
|                                                                                     | Mat | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF          |
|    | PU  | 239x61,2                                                                          | 5,3                                                                               | 187                                                                               |                                                                                   | 5              |              | 180/195/200 |             | MMS-RD-00018 |
|   | RB  | 240x61                                                                            | 5                                                                                 | 187                                                                               | 61                                                                                |                |              | 180/195/200 |             | MMS-RD-00019 |
|  | PU  | 240x70                                                                            | 11                                                                                | 172,5                                                                             |                                                                                   | 58             |              |             |             | MMS-RD-00020 |
|  | PU  | 240x76                                                                            | 5,5                                                                               | 187                                                                               |                                                                                   | 21             |              | 180/195/210 | 15/23/10    | MMS-RD-00021 |
|  | VU  | 240x76                                                                            | 5,5                                                                               | 187                                                                               |                                                                                   | 33             |              | 180/195/210 | 15/23/7     | MMS-RD-00022 |

## DIRECT DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels<br>mm | Dia bolt hole(s)<br>mm | Dia pitch circle<br>mm | Length hub<br>mm | Dia shaft 1<br>mm | Shape thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF          |
|-------------------------------------------------------------------------------------|-------|--------------------------|------------------------|------------------------|------------------|-------------------|--------------|----------------|----------------|--------------|
|    | PU    | 244x77                   | 5                      | 185                    |                  | 21                |              | 180/195/200    |                | MMS-RD-00023 |
|   | PU    | 245x76                   | 5                      | 188                    |                  |                   |              | 180/195/210    | 15/23/10       | MMS-RD-00024 |
|  | RB-NM | 245x76                   | 5,5                    | 187                    |                  | 21                |              | 180/195/200    |                | MMS-RD-00025 |
|  | PU    | 245x101                  | 5                      | 190                    |                  |                   |              | 180/195/210    |                | MMS-RD-00026 |
|  | PU    | 250x72                   | 7                      | 190                    |                  |                   | CRW          | 180/200/       | 11,7/41/-      | MMS-RD-00027 |

## DIRECT DRIVE WHEELS



|                                                                                     | Mat   | Dia x width wheels<br>mm | Dia bolt hole(s)<br>mm | Dia pitch circle<br>mm | Length hub<br>mm | Dia shaft 1<br>mm | Shape thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF          |
|-------------------------------------------------------------------------------------|-------|--------------------------|------------------------|------------------------|------------------|-------------------|--------------|----------------|----------------|--------------|
|    | RB-NM | 250x76                   | 5,6                    | 188                    |                  | 16,5              |              | 180/195/210    |                | MMS-RD-00028 |
|   | RB    | 250x76                   | 5                      | 187                    |                  | 21                |              | 180/195,5/210  |                | MMS-RD-00029 |
|  | RB-NM | 250x76                   | 5,5                    | 187                    |                  |                   |              | 180/195/200    |                | MMS-RD-00030 |
|  | RB    | 250x77                   | 5,5                    | 185                    |                  | 21                |              | 179/195,5/200  |                | MMS-RD-00031 |
|  | PU    | 250x79                   | 6,5                    | 190                    | 79               | 15                |              | 200/-          | 41/12/-        | MMS-RD-00032 |



## DIRECT DRIVE WHEELS



|                                                                                     | Mat     | Dia x width wheels<br>mm | Dia bolt hole(s)<br>mm | Dia pitch circle<br>mm | Length hub<br>mm | Dia shaft 1<br>mm | Shape thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF          |
|-------------------------------------------------------------------------------------|---------|--------------------------|------------------------|------------------------|------------------|-------------------|--------------|----------------|----------------|--------------|
|    | RB      | 250x80                   | 6,8                    | 190                    |                  | 15,5              |              | 200/202/-      |                | MMS-RD-00033 |
|   | PU-Soft | 250x90                   | 7                      | 185                    |                  | 5                 |              | 192/-/-        |                | MMS-RD-00034 |
|  | RB      | 250x101                  | 5                      | 190                    |                  |                   |              | 180/195/210    | 15/23/10       | MMS-RD-00035 |
|  | PU      | 251,5x63,5               | 7                      | 180                    |                  |                   |              |                |                | MMS-RD-00036 |
|  | PU      | 251,5x63,5               | 7                      | 180                    |                  |                   |              |                |                | MMS-RD-00037 |

**DIRECT DRIVE WHEELS**

| Mat | Dia x width wheels<br>mm | Dia bolt hole(s)<br>mm | Dia pitch circle<br>mm | Length hub<br>mm | Dia shaft 1<br>mm | Shape thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF |
|-----|--------------------------|------------------------|------------------------|------------------|-------------------|--------------|----------------|----------------|-----|
|-----|--------------------------|------------------------|------------------------|------------------|-------------------|--------------|----------------|----------------|-----|

**DIRECT DRIVE WHEELS WITH 9 BOLT HOLES**

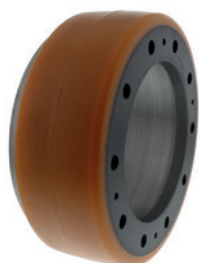
|    |        |     |     |  |  |     |             |  |              |
|----|--------|-----|-----|--|--|-----|-------------|--|--------------|
| PU | 245x77 | 6,3 | 192 |  |  | CRW | 180/204/210 |  | MMS-RD-00038 |
|----|--------|-----|-----|--|--|-----|-------------|--|--------------|



|    |         |     |     |  |  |     |             |          |              |
|----|---------|-----|-----|--|--|-----|-------------|----------|--------------|
| PU | 246x101 | 6,5 | 193 |  |  | CRW | 180/204/210 | 10/33/10 | MMS-RD-00039 |
|----|---------|-----|-----|--|--|-----|-------------|----------|--------------|

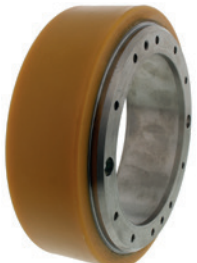


|    |         |   |     |  |    |  |             |          |              |
|----|---------|---|-----|--|----|--|-------------|----------|--------------|
| RB | 250x100 | 6 | 193 |  | 52 |  | 180/204/210 | 10/33/10 | MMS-RD-00040 |
|----|---------|---|-----|--|----|--|-------------|----------|--------------|

**DIRECT DRIVE WHEELS WITH 10 BOLT HOLES**

|    |        |     |     |  |  |     |         |        |              |
|----|--------|-----|-----|--|--|-----|---------|--------|--------------|
| PU | 210x70 | 6,5 | 162 |  |  | CRW | 172/-/- | 70/-/- | MMS-RD-00041 |
|----|--------|-----|-----|--|--|-----|---------|--------|--------------|

## DIRECT DRIVE WHEELS

|                                                                                     |         |  |  |  |  |                |              |             |             |              |
|-------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|--------------|-------------|-------------|--------------|
|                                                                                     | Mat     | Dia x width wheels mm                                                             | Dia bolt hole(s) mm                                                               | Dia pitch circle mm                                                               | Length hub mm                                                                     | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF          |
|    | PU      | 220x70                                                                            | 6,2                                                                               | 158                                                                               |                                                                                   |                | CYL          | 167/-/-     | 59,7/-/-    | MMS-RD-00042 |
|   | PU-HP   | 230x65                                                                            | 6,5                                                                               | 173                                                                               | 75                                                                                |                | CYL          | 184/186/189 | 5,3/63/3    | MMS-RD-00043 |
|  | PU      | 230x65                                                                            | 6,5                                                                               | 173                                                                               | 75                                                                                |                | CYL          | 186/189/-   |             | MMS-RD-00044 |
|  | VU      | 230x65                                                                            | 6,5                                                                               | 173                                                                               | 75                                                                                |                | CYL          | 186/189/-   |             | MMS-RD-00045 |
|  | PU-soft | 230x65                                                                            | 7                                                                                 | 173                                                                               | 75                                                                                |                |              |             |             | MMS-RD-00046 |

## DIRECT DRIVE WHEELS

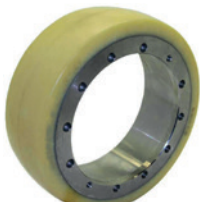


|                                                                                     | Mat     | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm | H1/H2/H3 mm | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|---------------------|---------------|----------------|--------------|-------------|-------------|--------------|
|    | PU      | 250x80                | 6,5                 | 190                 |               |                | CYL          | 200/-/-     |             | MMS-RD-00047 |
|   | RB      | 250x80                | 6,5                 | 190                 | 80            |                |              | 200/-/-     |             | MMS-RD-00048 |
|  | PU-Soft | 250x80                | 6,5                 | 190                 |               |                |              | 200/-/-     |             | MMS-RD-00049 |
|  | PU      | 252x88                | 7                   | 180                 |               |                | CRW          | 192/195/-   | 5/70-       | MMS-RD-00050 |
|  | PU      | 252x88                | 7                   | 180                 |               |                | CRW          | 192/195/-   | 5/70-       | MMS-RD-00051 |

## DIRECT DRIVE WHEELS



| Mat                                                                               | Dia x width wheels mm | Dia bolt hole(s) mm | Dia pitch circle mm | Length hub mm | Dia shaft 1 mm | Shape thread | D1/D2/D3 mm   | H1/H2/H3 mm | REF          |
|-----------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------|----------------|--------------|---------------|-------------|--------------|
|  | PU                    | 253x88              | 6                   | 190           |                | CRW          | 200/201/201,1 | 8/6510      | MMS-RD-00052 |

|                                                                                    |    |        |     |     |      |     |         |     |              |
|------------------------------------------------------------------------------------|----|--------|-----|-----|------|-----|---------|-----|--------------|
|  | VU | 257x88 | 6,5 | 185 | 76,4 | CRW | 194/-/- | -/- | MMS-RD-00053 |
|------------------------------------------------------------------------------------|----|--------|-----|-----|------|-----|---------|-----|--------------|

## DIRECT DRIVE WHEELS WITH 12 BOLT HOLES

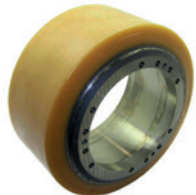


|                                                                                     |         |             |  |     |  |     |             |        |              |
|-------------------------------------------------------------------------------------|---------|-------------|--|-----|--|-----|-------------|--------|--------------|
|  | PU-Soft | 199,5x103,5 |  | 160 |  | CYL | 100/101,1/- | 18/20- | MMS-RD-00054 |
|-------------------------------------------------------------------------------------|---------|-------------|--|-----|--|-----|-------------|--------|--------------|

|                                                                                     |    |        |   |     |  |  |               |             |              |
|-------------------------------------------------------------------------------------|----|--------|---|-----|--|--|---------------|-------------|--------------|
|  | VU | 210x70 | 5 | 104 |  |  | 139/142,5/164 | 14,5/15,570 | MMS-RD-00055 |
|-------------------------------------------------------------------------------------|----|--------|---|-----|--|--|---------------|-------------|--------------|

## DIRECT DRIVE WHEELS



|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia bolt<br>hole(s)<br>mm | Dia pitch<br>circle<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Shape<br>thread | D1/D2/D3<br>mm | H1/H2/H3<br>mm | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|---------------------------|---------------------|----------------------|-----------------|----------------|----------------|--------------|
|    | PU    | 225x70                      | 5                         | 156                       | 104                 |                      |                 | 139/142,5/164  | 14,5/15,5/70   | MMS-RD-00056 |
|   | PU    | 250x80                      | 6,5                       | 190                       | 82                  |                      | CRW             | 200/-/-        | 72/--          | MMS-RD-00057 |
|  | VU    | 270x90                      | 8,6                       | 170                       |                     | 30                   |                 | 190/196/-      |                | MMS-RD-00058 |
|  | VU-TR | 353x127                     | 13                        | 234                       |                     | 53                   |                 |                |                | MMS-RD-00059 |
|  | VU    | 405x190                     | 13                        | 260                       | 202,5               |                      |                 |                |                | MMS-RD-00060 |









WHEELS WITH INTERNAL KEYWAY



| Mat                                                                                         | Dia x width<br>wheels<br>mm | Dia pitch<br>circle<br>mm | Outer offset<br>flange<br>mm | Shape thread | REF          |
|---------------------------------------------------------------------------------------------|-----------------------------|---------------------------|------------------------------|--------------|--------------|
|  PU        | 130x56                      |                           |                              | CYL          | MMS-CL-00001 |
|  PU-Soft  | 198x45                      |                           | 6                            | CYL          | MMS-CL-00002 |
|  PU-Soft | 198x45                      |                           | 6                            | CYL          | MMS-CL-00003 |
|  PU-Soft | 200x50                      |                           |                              | CYL          | MMS-CL-00004 |
|  PU-Soft | 200x52                      |                           |                              | Antiskid     | MMS-CL-00005 |

## WHEELS WITH INTERNAL KEYWAY



|                                                                                     | Mat     | Dia x width wheels mm | Dia pitch circle mm | Outer offset flange mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------|---------------------|------------------------|--------------|--------------|
|    | PU      | 200x70                | 120                 |                        | CYL          | MMS-CL-00006 |
|   | PU-Soft | 203,2x50,8            |                     |                        | CYL          | MMS-CL-00007 |
|  | RB-NM   | 213x53                |                     |                        | Antiskid     | MMS-CL-00008 |
|  | RB-NM   | 220x80                |                     | 8                      | Antiskid     | MMS-CL-00009 |
|  | VU      | 245x82                | 100                 |                        | CYL          | MMS-CL-00010 |

WHEELS WITH INTERNAL KEYWAY



| Mat                                                                                       | Dia x width<br>wheels<br>mm | Dia pitch<br>circle<br>mm | Outer offset<br>flange<br>mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------------|-----------------------------|---------------------------|------------------------------|--------------|--------------|
|  VU      | 245x128                     |                           |                              | CRW          | MMS-CL-00011 |
|  RB-NM  | 254x77                      |                           | 26                           |              | MMS-CL-00012 |
|  RB-NM | 300x80                      |                           | 15                           | CYL          | MMS-CL-00013 |
|  RB-NM | 304,8x101,6                 |                           | 46                           | CYL          | MMS-CL-00014 |
|  RB-NM | 304,8x114,3                 |                           | 59                           | CYL          | MMS-CL-00015 |

WHEELS WITH INTERNAL KEYWAY



| Mat                                                                                 | Dia x width wheels mm | Dia pitch circle mm | Outer offset flange mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------|---------------------|------------------------|--------------|--------------|
|    | RB-NM<br>305x76       |                     | 22                     | CYL          | MMS-CL-00016 |
|   | RB-NM<br>305x76       |                     | 22                     | CYL          | MMS-CL-00017 |
|  | RB-NM<br>305x100      |                     | 19                     | CYL          | MMS-CL-00018 |
|  | RB-NM<br>305x115      |                     | 57                     |              | MMS-CL-00019 |
|  | PU<br>305x63          |                     | 5                      | CYL          | MMS-CL-00020 |

## WHEELS WITH INTERNAL KEYWAY



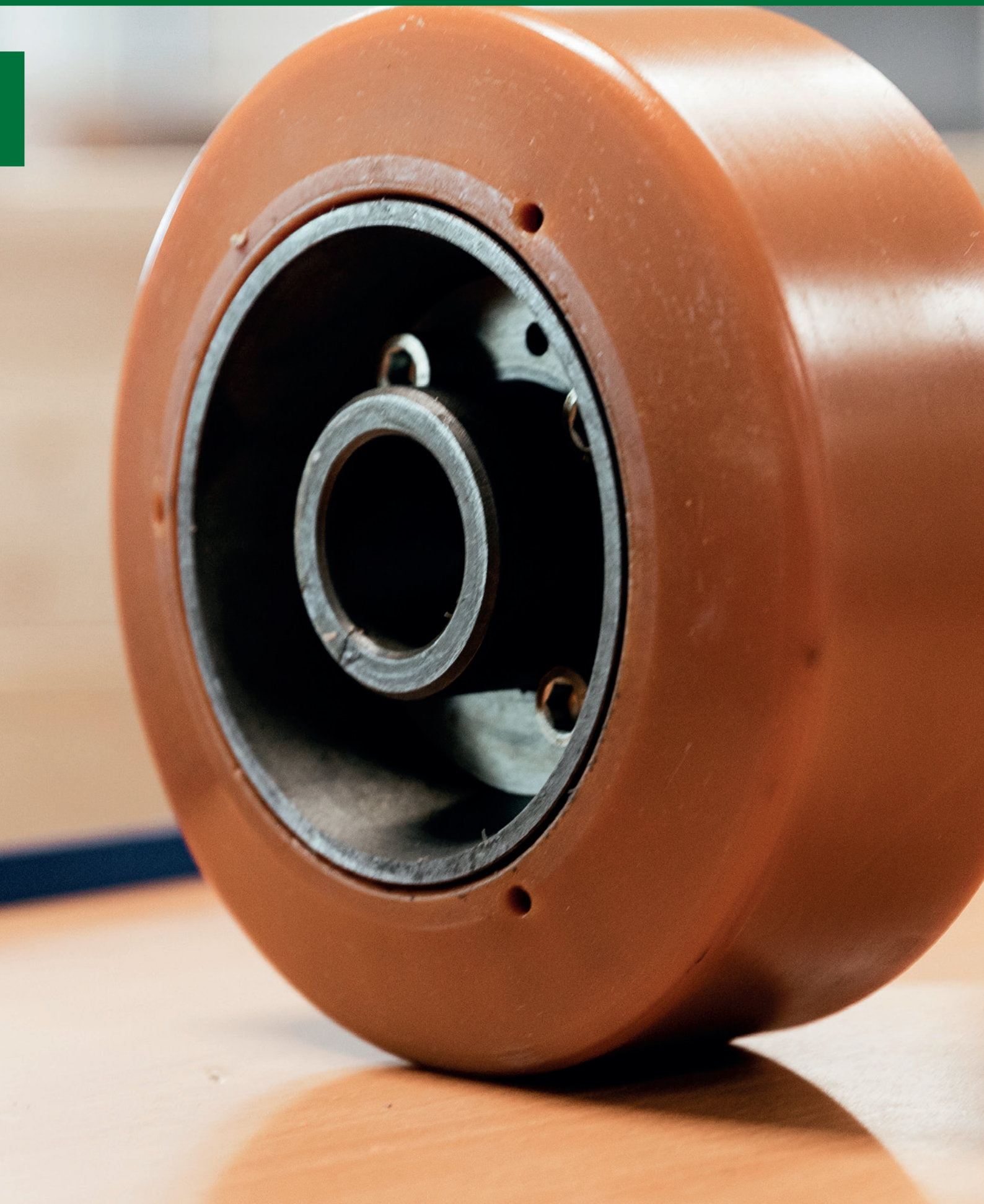
|                                                                                     | Mat   | Dia x width<br>wheels<br>mm | Dia pitch<br>circle<br>mm | Outer offset<br>flange<br>mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------|-----------------------------|---------------------------|------------------------------|--------------|--------------|
|    | RB-NM | 318x107                     | 77,5                      | 21                           | CYL          | MMS-CL-00021 |
|   | RB-NM | 381x127                     |                           | 55                           | CYL          | MMS-CL-00022 |
|  | RB-NM | 381x127                     | 78                        | 53                           |              | MMS-CL-00023 |
|  | RB-NM | 381x127                     | 78                        | 53                           |              | MMS-CL-00024 |
|  | RB-NM | 406x127                     | 140                       | 37,5                         | CRW          | MMS-CL-00025 |

WHEELS WITH INTERNAL KEYWAY



| Mat                                                                               | Dia x width<br>wheels<br>mm | Dia pitch<br>circle<br>mm | Outer offset<br>flange<br>mm | Shape thread | REF          |
|-----------------------------------------------------------------------------------|-----------------------------|---------------------------|------------------------------|--------------|--------------|
|  | RB-NM                       | 406x127                   | 20                           | CYL          | MMS-CL-00026 |

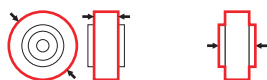






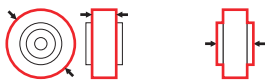


## DRIVE WHEELS WITH SPLINES



|                                                                                     | Mat     | Dia x width<br>wheels<br>mm | Length<br>hub<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|---------|-----------------------------|---------------------|------------------|--------------------|--------------|--------------|
|    | PU-Soft | 175x45                      | 40                  | 155              | 20                 | antiskid     | MMS-SP-00001 |
|   | PU-Soft | 198x52                      | 54                  | 136              | 17                 | antiskid     | MMS-SP-00002 |
|  | RB      | 200x80                      | 80                  |                  | 36                 |              | MMS-SP-00003 |
|  | VU      | 200x80                      | 20                  | 165              | 36                 |              | MMS-SP-00004 |
|  | PU      | 200x80                      | 20                  | 165              | 36                 |              | MMS-SP-00005 |

DRIVE WHEELS WITH SPLINES

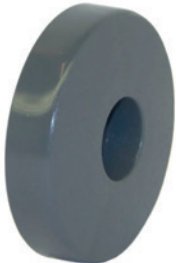


| Mat                                                                               | Dia x width<br>wheels<br>mm | Length<br>hub<br>mm | Dia<br>rim<br>mm | Dia<br>shaft<br>mm | Shape thread | REF          |
|-----------------------------------------------------------------------------------|-----------------------------|---------------------|------------------|--------------------|--------------|--------------|
|  | PU                          | 200x85              | 126              | 36                 |              | MMS-SP-00006 |





## CONICAL WHEELS

|                                                                                     |       |  |  |  |  |         |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------|--------------|
|                                                                                     | Mat   | Dia x width wheels mm                                                             | Clamping length mm                                                                | Length hub mm                                                                     | Dia shaft 1 mm                                                                     | Bearing | REF          |
|    | RB-NM | 27x14,4                                                                           |                                                                                   | 8                                                                                 | 8,2                                                                                |         | MMS-CO-00001 |
|   | ST    | 38x12                                                                             |                                                                                   |                                                                                   | 20,2                                                                               |         | 166TA6578    |
|  | NY    | 38,2x26,4                                                                         |                                                                                   |                                                                                   | 13                                                                                 |         | 139TA1784    |
|  | NY    | 80x16,5                                                                           |                                                                                   | 24                                                                                | 12,8                                                                               |         | 139TA7245    |
|  | NY    | 100x23,5                                                                          |                                                                                   | 23,5                                                                              | 16,5                                                                               |         | 139TA6643    |

CONICAL WHEELS



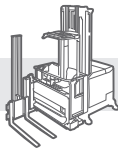
|                                                                                   | Mat | Dia x width<br>wheels<br>mm | Clamping<br>length<br>mm | Length<br>hub<br>mm | Dia<br>shaft 1<br>mm | Bearing | REF          |
|-----------------------------------------------------------------------------------|-----|-----------------------------|--------------------------|---------------------|----------------------|---------|--------------|
|  | PU  | 170x50                      | 53                       | 61                  | 20                   | 6204    | MMS-CO-00002 |



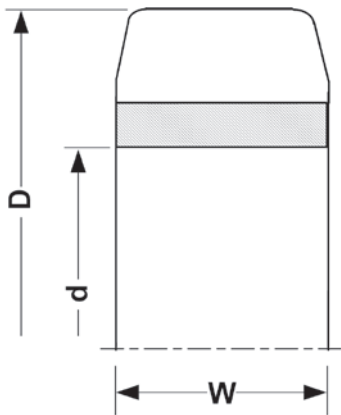








PRESS-ON TYRES: CYLINDRICAL BASE



SMOOTH



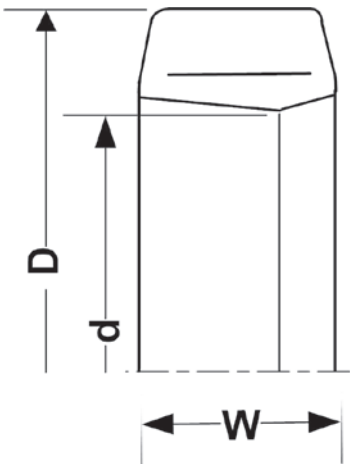
Urethane

TR

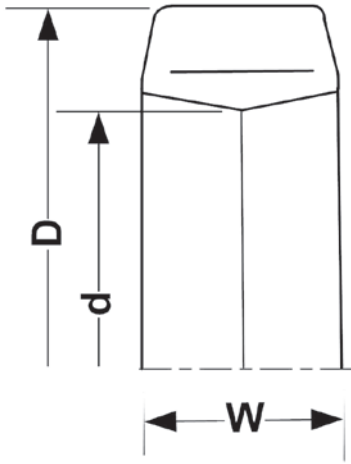


Urethane

PRESS-ON TYRES: CONICAL BASE



Asymmetrical

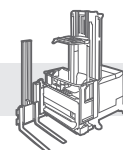


Symmetrical

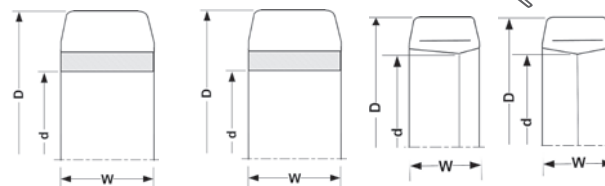
SMOOTH



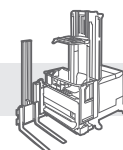
Urethane



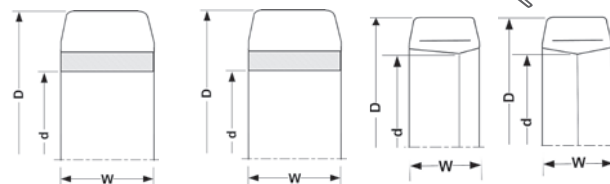
## PRESS-ON TYRES: SIZES



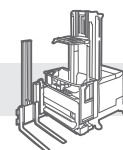
|             |     |     |               |      |      | Urethane with cylindrical base |              | Urethane with conical base |
|-------------|-----|-----|---------------|------|------|--------------------------------|--------------|----------------------------|
| Metric size |     |     | Imperial size |      |      | REF                            | REF          | REF                        |
| D           | W   | d   | D             | W    | d    | smooth                         | with thread  | smooth                     |
| mm          | mm  | mm  | inch          | inch | inch |                                |              |                            |
| 125         | 50  | 75  |               |      |      | MMS-BA-00001                   |              | MMS-BA-00002               |
| 140         | 115 | 80  |               |      |      | MMS-BA-00003                   |              |                            |
| 150         | 50  | 100 |               |      |      | MMS-BA-00004                   |              | MMS-BA-00005               |
| 150         | 75  | 100 |               |      |      | MMS-BA-00006                   |              |                            |
| 150         | 100 | 185 |               |      |      | MMS-BA-00007                   |              |                            |
| 150         | 130 | 100 |               |      |      | MMS-BA-00008                   |              |                            |
| 155         | 100 | 187 |               |      |      | MMS-BA-00009                   |              |                            |
| 160         | 50  | 100 |               |      |      | MMS-BA-00010                   |              |                            |
| 160         | 60  | 100 |               |      |      | MMS-BA-00011                   |              |                            |
| 165         | 64  | 101 | 6,25          | 2,5  | 4    | MMS-BA-00012                   |              |                            |
| 180         | 50  | 120 |               |      |      | MMS-BA-00013                   |              | MMS-BA-00014               |
| 180         | 75  | 100 |               |      |      | MMS-BA-00015                   |              |                            |
| 180         | 75  | 110 |               |      |      | MMS-BA-00016                   |              |                            |
| 180         | 75  | 120 |               |      |      | MMS-BA-00017                   |              |                            |
| 180         | 100 | 105 |               |      |      | MMS-BA-00018                   |              | MMS-BA-00019               |
| 180         | 100 | 120 |               |      |      | MMS-BA-00020                   |              |                            |
| 190         | 51  | 127 | 7,5           | 2    | 5    | MMS-BA-00021                   |              |                            |
| 200         | 50  | 140 |               |      |      | MMS-BA-00022                   |              | MMS-BA-00023               |
| 200         | 60  | 150 |               |      |      | MMS-BA-00024                   |              |                            |
| 200         | 70  | 140 |               |      |      | MMS-BA-00025                   |              |                            |
| 200         | 75  | 100 |               |      |      | MMS-BA-00026                   |              |                            |
| 200         | 75  | 120 |               |      |      | MMS-BA-00027                   |              |                            |
| 200         | 80  | 120 |               |      |      | MMS-BA-00028                   |              |                            |
| 200         | 85  | 105 |               |      |      | MMS-BA-00029                   |              | MMS-BA-00030               |
| 200         | 100 | 150 |               |      |      | MMS-BA-00031                   |              |                            |
| 200         | 105 | 120 |               |      |      | MMS-BA-00032                   |              |                            |
| 200         | 130 | 105 |               |      |      | MMS-BA-00033                   |              |                            |
| 203         | 102 | 165 | 8             | 4    | 6,5  | MMS-BA-00034                   |              |                            |
| 204         | 76  | 75  |               |      |      | MMS-BA-00035                   |              |                            |
| 204         | 76  | 120 |               |      |      | MMS-BA-00036                   |              |                            |
| 210         | 100 | 140 |               |      |      | MMS-BA-00037                   |              |                            |
| 216         | 102 | 102 | 8,5           | 4    | 4    | MMS-BA-00038                   |              |                            |
| 220         | 60  | 160 |               |      |      | MMS-BA-00039                   |              |                            |
| 220         | 70  | 168 |               |      |      |                                |              | MMS-BA-00040               |
| 229         | 89  | 127 | 9             | 3,5  | 5    | MMS-BA-00041                   |              |                            |
| 230         | 50  | 170 |               |      |      |                                |              | MMS-BA-00042               |
| 230         | 75  | 120 |               |      |      | MMS-BA-00043                   |              |                            |
| 230         | 75  | 170 |               |      |      | MMS-BA-00044                   | MMS-BA-00045 |                            |
| 230         | 85  | 145 |               |      |      | MMS-BA-00046                   |              |                            |
| 230         | 85  | 170 |               |      |      | MMS-BA-00047                   | MMS-BA-00048 |                            |
| 230         | 85  | 178 |               |      |      | MMS-BA-00049                   |              |                            |
| 230         | 100 | 140 |               |      |      | MMS-BA-00050                   | MMS-BA-00051 |                            |



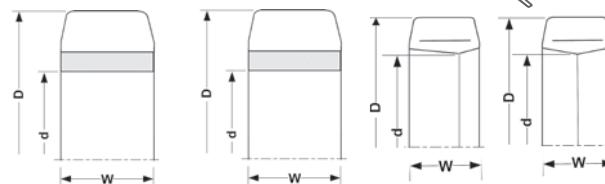
## PRESS-ON TYRES: SIZES



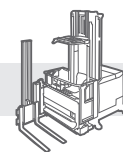
|             |     |     |               |      |      | Urethane with cylindrical base |              | Urethane with conical base |
|-------------|-----|-----|---------------|------|------|--------------------------------|--------------|----------------------------|
| Metric size |     |     | Imperial size |      |      | REF                            | REF          | REF                        |
| D           | W   | d   | D             | W    | d    | smooth                         | with thread  | smooth                     |
| mm          | mm  | mm  | inch          | inch | inch |                                |              |                            |
| 235         | 75  | 85  |               |      |      | MMS-BA-00052                   |              |                            |
| 235         | 75  | 145 |               |      |      | MMS-BA-00053                   |              |                            |
| 235         | 85  | 185 |               |      |      | MMS-BA-00054                   |              |                            |
| 240         | 114 | 168 |               |      |      |                                |              | MMS-BA-00055               |
| 250         | 50  | 190 |               |      |      | MMS-BA-00056                   |              | MMS-BA-00057               |
| 250         | 60  | 170 |               |      |      |                                |              | MMS-BA-00058               |
| 250         | 60  | 190 |               |      |      | MMS-BA-00059                   |              | MMS-BA-00060               |
| 250         | 80  | 170 |               |      |      | MMS-BA-00061                   | MMS-BA-00062 |                            |
| 250         | 80  | 185 |               |      |      | MMS-BA-00063                   |              |                            |
| 250         | 80  | 190 |               |      |      | MMS-BA-00064                   |              |                            |
| 250         | 85  | 190 |               |      |      | MMS-BA-00065                   |              |                            |
| 250         | 90  | 140 |               |      |      | MMS-BA-00066                   |              |                            |
| 250         | 100 | 170 |               |      |      | MMS-BA-00067                   | MMS-BA-00068 |                            |
| 250         | 105 | 170 |               |      |      | MMS-BA-00069                   |              |                            |
| 250         | 105 | 190 |               |      |      | MMS-BA-00070                   |              |                            |
| 250         | 120 | 190 |               |      |      | MMS-BA-00071                   |              |                            |
| 250         | 130 | 140 |               |      |      | MMS-BA-00072                   |              |                            |
| 250         | 135 | 145 |               |      |      | MMS-BA-00073                   |              |                            |
| 254         | 76  | 158 | 10            | 3    | 6,25 | MMS-BA-00074                   |              |                            |
| 254         | 76  | 165 | 10            | 3    | 6,5  | MMS-BA-00075                   | MMS-BA-00076 |                            |
| 254         | 76  | 203 | 10            | 3    | 8    | MMS-BA-00077                   |              |                            |
| 254         | 89  | 158 | 10            | 3,5  | 6,25 | MMS-BA-00078                   |              |                            |
| 254         | 90  | 145 |               |      |      | MMS-BA-00079                   |              |                            |
| 254         | 100 | 180 |               |      |      | MMS-BA-00080                   |              |                            |
| 254         | 100 | 190 |               |      |      | MMS-BA-00081                   |              |                            |
| 254         | 102 | 158 | 10            | 4    | 6,25 | MMS-BA-00082                   | MMS-BA-00083 |                            |
| 254         | 102 | 165 | 10            | 4    | 6,5  | MMS-BA-00084                   |              |                            |
| 254         | 102 | 178 | 10            | 4    | 7    | MMS-BA-00085                   |              |                            |
| 254         | 114 | 165 | 10            | 4,5  | 6,5  | MMS-BA-00086                   |              |                            |
| 254         | 114 | 180 |               |      |      | MMS-BA-00087                   |              |                            |
| 254         | 120 | 145 |               |      |      | MMS-BA-00088                   |              |                            |
| 254         | 120 | 165 | 10            | 4,75 | 6,5  | MMS-BA-00089                   |              |                            |
| 254         | 120 | 169 |               |      |      |                                |              | MMS-BA-00090               |
| 254         | 120 | 190 |               |      |      | MMS-BA-00091                   |              |                            |
| 254         | 127 | 158 | 10            | 5    | 6,25 | MMS-BA-00092                   |              |                            |
| 254         | 127 | 165 | 10            | 5    | 6,5  | MMS-BA-00093                   |              |                            |
| 254         | 152 | 158 | 10            | 6    | 6,25 | MMS-BA-00094                   |              |                            |
| 254         | 152 | 165 | 10            | 6    | 6,5  | MMS-BA-00095                   |              |                            |
| 256         | 127 | 254 | 14            | 5    | 10   | MMS-BA-00096                   |              |                            |
| 260         | 60  | 170 |               |      |      | MMS-BA-00097                   |              | MMS-BA-00098               |
| 260         | 85  | 170 |               |      |      | MMS-BA-00099                   | MMS-BA-00100 |                            |
| 260         | 88  | 195 |               |      |      | MMS-BA-00101                   |              |                            |



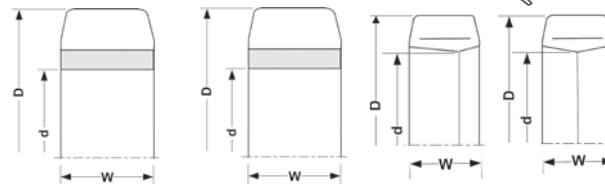
## PRESS-ON TYRES: SIZES



|             |     |     |               |      |      | Urethane with cylindrical base |              | Urethane with conical base |
|-------------|-----|-----|---------------|------|------|--------------------------------|--------------|----------------------------|
| Metric size |     |     | Imperial size |      |      | REF                            | REF          | REF                        |
| D           | W   | d   | D             | W    | d    | smooth                         | with thread  | smooth                     |
| mm          | mm  | mm  | inch          | inch | inch |                                |              |                            |
| 260         | 105 | 170 |               |      |      | MMS-BA-00102                   | MMS-BA-00103 |                            |
| 260         | 130 | 170 |               |      |      | MMS-BA-00104                   |              |                            |
| 265         | 160 | 160 |               |      |      | MMS-BA-00105                   |              |                            |
| 267         | 76  | 203 | 10,5          | 3    | 8    | MMS-BA-00106                   |              |                            |
| 267         | 89  | 203 | 10,5          | 3,5  | 8    | MMS-BA-00107                   |              |                            |
| 267         | 102 | 165 | 10,5          | 4    | 6,5  | MMS-BA-00108                   |              |                            |
| 267         | 102 | 203 | 10,5          | 4    | 8    | MMS-BA-00109                   |              |                            |
| 267         | 114 | 180 |               |      |      | MMS-BA-00110                   |              |                            |
| 267         | 114 | 203 | 10,5          | 4,5  | 8    | MMS-BA-00111                   |              |                            |
| 267         | 127 | 165 | 10,5          | 5    | 6,5  | MMS-BA-00112                   |              |                            |
| 267         | 135 | 180 |               |      |      | MMS-BA-00113                   |              |                            |
| 267         | 152 | 165 | 10,5          | 6    | 6,5  | MMS-BA-00114                   |              |                            |
| 270         | 105 | 170 |               |      |      | MMS-BA-00115                   |              |                            |
| 280         | 50  | 220 |               |      |      | MMS-BA-00116                   |              |                            |
| 280         | 60  | 190 |               |      |      | MMS-BA-00117                   |              |                            |
| 280         | 135 | 145 |               |      |      | MMS-BA-00118                   |              |                            |
| 280         | 152 | 146 |               |      |      | MMS-BA-00119                   |              |                            |
| 285         | 50  | 220 |               |      |      | MMS-BA-00120                   |              |                            |
| 285         | 75  | 220 |               |      |      | MMS-BA-00121                   |              | MMS-BA-00122               |
| 285         | 100 | 200 |               |      |      | MMS-BA-00123                   |              | MMS-BA-00124               |
| 285         | 100 | 220 |               |      |      | MMS-BA-00125                   |              |                            |
| 285         | 100 | 228 |               |      |      | MMS-BA-00126                   |              |                            |
| 285         | 152 | 165 |               |      |      | MMS-BA-00127                   |              |                            |
| 286         | 146 | 165 |               |      |      | MMS-BA-00128                   |              |                            |
| 290         | 105 | 185 |               |      |      | MMS-BA-00129                   | MMS-BA-00130 |                            |
| 300         | 50  | 240 |               |      |      | MMS-BA-00131                   |              |                            |
| 300         | 75  | 240 |               |      |      | MMS-BA-00132                   |              |                            |
| 300         | 90  | 203 |               |      |      | MMS-BA-00133                   |              |                            |
| 300         | 100 | 203 |               |      |      | MMS-BA-00134                   |              | MMS-BA-00135               |
| 300         | 140 | 230 |               |      |      | MMS-BA-00136                   |              |                            |
| 305         | 76  | 254 | 12            | 3    | 10   | MMS-BA-00137                   |              |                            |
| 305         | 102 | 203 | 12            | 4    | 8    | MMS-BA-00138                   |              |                            |
| 305         | 114 | 203 | 12            | 4,5  | 8    | MMS-BA-00139                   |              |                            |
| 305         | 127 | 203 | 12            | 5    | 8    | MMS-BA-00140                   |              |                            |
| 305         | 127 | 229 | 12            | 5    | 9    | MMS-BA-00141                   |              |                            |
| 305         | 135 | 165 |               |      |      | MMS-BA-00142                   |              |                            |
| 305         | 140 | 203 | 12            | 5,5  | 8    | MMS-BA-00143                   |              |                            |
| 305         | 152 | 165 | 12            | 6    | 6,5  | MMS-BA-00144                   |              |                            |
| 305         | 152 | 203 |               |      |      | MMS-BA-00145                   |              |                            |
| 310         | 60  | 220 |               |      |      | MMS-BA-00146                   |              |                            |
| 310         | 75  | 200 |               |      |      |                                |              | MMS-BA-00147               |
| 310         | 105 | 240 |               |      |      | MMS-BA-00148                   |              |                            |

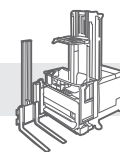
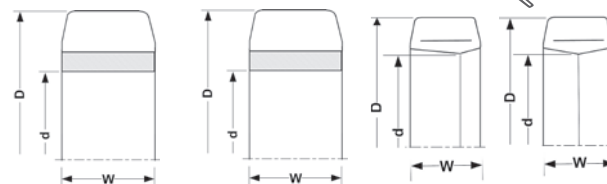


## PRESS-ON TYRES: SIZES



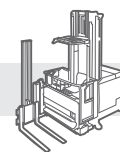
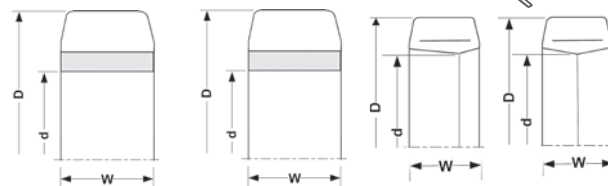
|             |     |     |               |      |      | Urethane with cylindrical base |              | Urethane with conical base |
|-------------|-----|-----|---------------|------|------|--------------------------------|--------------|----------------------------|
| Metric size |     |     | Imperial size |      |      | REF                            | REF          | REF                        |
| D           | W   | d   | D             | W    | d    | smooth                         | with thread  | smooth                     |
| mm          | mm  | mm  | inch          | inch | inch |                                |              |                            |
| 310         | 120 | 200 |               |      |      | MMS-BA-00149                   |              | 129TA7541                  |
| 310         | 120 | 203 |               |      |      | MMS-BA-00150                   |              |                            |
| 310         | 120 | 220 |               |      |      | MMS-BA-00151                   |              |                            |
| 310         | 120 | 248 |               |      |      | MMS-BA-00152                   |              |                            |
| 313         | 85  | 247 |               |      |      | MMS-BA-00153                   |              |                            |
| 313         | 130 | 203 |               |      |      | MMS-BA-00154                   | MMS-BA-00155 |                            |
| 315         | 145 | 180 |               |      |      | MMS-BA-00156                   |              |                            |
| 318         | 76  | 254 | 12,5          | 3    | 10   | MMS-BA-00157                   |              |                            |
| 318         | 90  | 254 | 12,5          | 3,5  | 10   | MMS-BA-00158                   |              |                            |
| 320         | 130 | 199 |               |      |      | MMS-BA-00159                   |              |                            |
| 320         | 150 | 199 |               |      |      | MMS-BA-00160                   |              |                            |
| 330         | 89  | 203 | 13            | 3,5  | 8    | MMS-BA-00161                   |              |                            |
| 330         | 90  | 254 | 13            | 3,5  | 10   | MMS-BA-00162                   |              |                            |
| 330         | 90  | 270 |               |      |      | MMS-BA-00163                   |              |                            |
| 330         | 114 | 203 | 13            | 4,5  | 8    | MMS-BA-00164                   |              |                            |
| 330         | 114 | 254 | 13            | 4,5  | 10   | MMS-BA-00165                   |              |                            |
| 330         | 120 | 220 |               |      |      | MMS-BA-00166                   |              |                            |
| 330         | 127 | 203 | 13            | 5    | 8    | MMS-BA-00167                   |              |                            |
| 330         | 127 | 254 | 13            | 5    | 10   | MMS-BA-00168                   |              |                            |
| 330         | 140 | 203 | 13            | 5,5  | 8    | MMS-BA-00169                   |              |                            |
| 330         | 140 | 241 |               |      |      | MMS-BA-00170                   |              |                            |
| 330         | 145 | 193 |               |      |      | MMS-BA-00171                   |              |                            |
| 330         | 152 | 203 | 13            | 6    | 8    | MMS-BA-00172                   |              |                            |
| 330         | 152 | 254 | 13            | 6    | 10   | MMS-BA-00173                   |              |                            |
| 330         | 152 | 267 | 13            | 6    | 10,5 | MMS-BA-00174                   |              |                            |
| 343         | 114 | 203 | 13,5          | 4,5  | 8    | MMS-BA-00175                   |              |                            |
| 343         | 114 | 225 |               |      |      | MMS-BA-00176                   | MMS-BA-00177 | MMS-BA-00178               |
| 343         | 140 | 203 | 13,5          | 5,5  | 8    | MMS-BA-00179                   |              |                            |
| 343         | 140 | 225 |               |      |      |                                |              | MMS-BA-00180               |
| 343         | 140 | 254 | 13,5          | 5,5  | 10   | MMS-BA-00181                   |              |                            |
| 343         | 140 | 270 |               |      |      | MMS-BA-00182                   |              |                            |
| 343         | 152 | 203 | 13,5          | 6    | 8    | MMS-BA-00183                   |              |                            |
| 343         | 152 | 254 | 13,5          | 6    | 10   | MMS-BA-00184                   |              |                            |
| 343         | 152 | 267 | 13,5          | 6    | 10,5 | MMS-BA-00185                   |              |                            |
| 345         | 115 | 245 |               |      |      | MMS-BA-00186                   |              |                            |
| 345         | 140 | 245 |               |      |      | MMS-BA-00187                   |              |                            |
| 350         | 90  | 280 |               |      |      | MMS-BA-00188                   |              |                            |
| 350         | 100 | 270 |               |      |      | MMS-BA-00189                   |              |                            |
| 350         | 100 | 280 |               |      |      | MMS-BA-00190                   |              |                            |
| 350         | 110 | 270 |               |      |      | MMS-BA-00191                   |              |                            |
| 350         | 115 | 280 |               |      |      | MMS-BA-00192                   |              |                            |
| 350         | 127 | 270 |               |      |      | MMS-BA-00193                   |              |                            |

## PRESS-ON TYRES: SIZES



|             |      |      |               |        |        | Urethane with cylindrical base |             | Urethane with conical base |
|-------------|------|------|---------------|--------|--------|--------------------------------|-------------|----------------------------|
| Metric size |      |      | Imperial size |        |        | REF                            | REF         | REF                        |
| D mm        | W mm | d mm | D inch        | W inch | d inch | smooth                         | with thread | smooth                     |
| 350         | 140  | 270  |               |        |        | MMS-BA-00194                   |             |                            |
| 356         | 114  | 203  | 14            | 4,5    | 8      | MMS-BA-00195                   |             |                            |
| 356         | 127  | 203  | 14            | 5      | 8      | MMS-BA-00196                   |             |                            |
| 356         | 127  | 286  | 14            | 5      | 11,25  | MMS-BA-00197                   |             |                            |
| 356         | 203  | 286  | 14            | 8      | 11,25  | MMS-BA-00198                   |             |                            |
| 360         | 152  | 285  |               |        |        | MMS-BA-00199                   |             |                            |
| 360         | 180  | 220  |               |        |        | MMS-BA-00200                   |             |                            |
| 380         | 145  | 246  |               |        |        | MMS-BA-00201                   |             |                            |
| 380         | 152  | 220  |               |        |        | MMS-BA-00202                   |             |                            |
| 380         | 165  | 246  |               |        |        | MMS-BA-00203                   |             |                            |
| 381         | 127  | 286  | 15            | 5      | 11,25  | MMS-BA-00204                   |             |                            |
| 381         | 152  | 286  | 15            | 6      | 11,25  | MMS-BA-00205                   |             |                            |
| 381         | 152  | 298  | 15            | 6      | 11,75  | MMS-BA-00206                   |             |                            |
| 381         | 152  | 308  | 15            | 6      | 12,12  | MMS-BA-00207                   |             |                            |
| 381         | 178  | 286  | 15            | 7      | 11,25  | MMS-BA-00208                   |             |                            |
| 381         | 203  | 286  | 15            | 8      | 11,25  | MMS-BA-00209                   |             |                            |
| 385         | 52   | 254  |               |        |        | MMS-BA-00210                   |             |                            |
| 394         | 127  | 254  | 15            | 5      | 10     | MMS-BA-00211                   |             |                            |
| 394         | 152  | 254  | 15,5          | 6      | 1,5    | MMS-BA-00212                   |             |                            |
| 405         | 65   | 305  |               |        |        | MMS-BA-00213                   |             |                            |
| 405         | 80   | 305  |               |        |        | MMS-BA-00214                   |             |                            |
| 405         | 130  | 290  |               |        |        | MMS-BA-00215                   |             |                            |
| 405         | 130  | 305  |               |        |        | MMS-BA-00216                   |             |                            |
| 405         | 145  | 290  |               |        |        | MMS-BA-00217                   |             |                            |
| 406         | 102  | 308  | 16            | 4      | 12,12  | MMS-BA-00218                   |             |                            |
| 406         | 114  | 308  | 16            | 4,5    | 12,12  | MMS-BA-00219                   |             |                            |
| 406         | 127  | 267  | 16            | 5      | 10,5   | MMS-BA-00220                   |             | MMS-BA-00221               |
| 406         | 152  | 267  | 16            | 6      | 10,5   | MMS-BA-00222                   |             | MMS-BA-00223               |
| 406         | 178  | 267  | 16            | 7      | 10,5   | MMS-BA-00224                   |             | MMS-BA-00225               |
| 406         | 178  | 305  | 16            | 7      | 12     | MMS-BA-00226                   |             |                            |
| 413         | 127  | 286  | 16,25         | 5      | 11,25  | MMS-BA-00227                   |             |                            |
| 413         | 152  | 286  | 16,25         | 6      | 11,25  | MMS-BA-00228                   |             |                            |
| 413         | 178  | 286  | 16,25         | 7      | 11,25  | MMS-BA-00229                   |             |                            |
| 415         | 75   | 305  |               |        |        | MMS-BA-00230                   |             |                            |
| 415         | 90   | 305  |               |        |        | MMS-BA-00231                   |             |                            |
| 425         | 150  | 305  |               |        |        | MMS-BA-00232                   |             |                            |
| 432         | 152  | 308  | 17            | 6      | 12,12  | MMS-BA-00233                   |             |                            |
| 457         | 127  | 308  | 18            | 5      | 12,12  | MMS-BA-00234                   |             |                            |
| 457         | 152  | 308  | 18            | 6      | 12,12  | MMS-BA-00235                   |             |                            |
| 457         | 178  | 308  | 18            | 7      | 12,12  | MMS-BA-00236                   |             |                            |
| 457         | 203  | 308  | 18            | 8      | 12,12  | MMS-BA-00237                   |             |                            |
| 457         | 229  | 308  | 18            | 9      | 12,12  | MMS-BA-00238                   |             |                            |

## PRESS-ON TYRES: SIZES



|             |     |     |               |      |      | Urethane with cylindrical base |             | Urethane with conical base |
|-------------|-----|-----|---------------|------|------|--------------------------------|-------------|----------------------------|
| Metric size |     |     | Imperial size |      |      | REF                            | REF         | REF                        |
| D           | W   | d   | D             | W    | d    | smooth                         | with thread | smooth                     |
| mm          | mm  | mm  | inch          | inch | inch |                                |             |                            |
| 500         | 140 | 370 |               |      |      | MMS-BA-00239                   |             |                            |
| 533         | 178 | 381 | 21            | 7    | 15   | MMS-BA-00240                   |             |                            |
| 533         | 203 | 381 | 21            | 8    | 15   | MMS-BA-00241                   |             |                            |
| 533         | 229 | 381 | 21            | 9    | 15   | MMS-BA-00242                   |             |                            |
| 559         | 152 | 406 | 22            | 6    | 16   | MMS-BA-00243                   |             |                            |
| 559         | 178 | 406 | 22            | 7    | 16   | MMS-BA-00244                   |             |                            |
| 559         | 203 | 406 | 22            | 8    | 16   | MMS-BA-00245                   |             |                            |
| 559         | 229 | 406 | 22            | 9    | 16   | MMS-BA-00246                   |             |                            |
| 559         | 254 | 406 | 22            | 10   | 16   | MMS-BA-00247                   |             |                            |
| 559         | 305 | 406 | 22            | 12   | 16   | MMS-BA-00248                   |             |                            |
| 559         | 356 | 406 | 22            | 14   | 16   | MMS-BA-00249                   |             |                            |
| 645         | 300 | 410 |               |      |      | MMS-BA-00250                   |             |                            |
| 711         | 254 | 559 | 28            | 10   | 22   | MMS-BA-00251                   |             |                            |
| 711         | 356 | 559 | 28            | 14   | 22   | MMS-BA-00252                   |             |                            |
| 711         | 406 | 559 | 28            | 16   | 22   | MMS-BA-00253                   |             |                            |

## NOTES

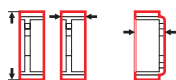






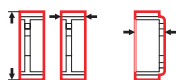


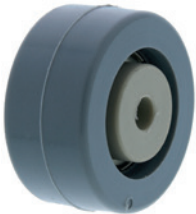
## WHEELS FOR CLEANING MACHINES



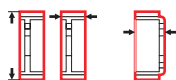
|                                                                                     | Used for              | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | HAKO                  | PU    | 7x24                  |               | 6002    |                        |            | 6,2          |              | MMS-NE-00001 |
|   | Tennant               | NY    | 34x34                 | 37,2          |         |                        |            | 8            | cylindrical  | MMS-NE-00002 |
|  | Nilfisk Advance Viper | NY    | 35x10                 | 12            |         |                        |            |              | cylindrical  | MMS-NE-00003 |
|  | Dulevo                | RB-NM | 36x15                 | 21,5          |         |                        | 22         | 6            | crowned      | MMS-NE-00004 |
|  | HAKO                  | RB-NM | 50x17                 | 21            |         |                        | 39         | 6            | crowned      | MMS-NE-00005 |

## WHEELS FOR CLEANING MACHINES



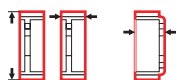
|                                                                                     | Used for                    | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Nilfisk Advance Viper       | RB-NM | 50x20                 |               |         |                        |            |              |              | MMS-NE-00006 |
|   | Tennant                     | NY    | 50x20                 | 24            |         |                        |            | 9,8          | cylindrical  | 129TA9507    |
|  | Tennant MVP Nilfisk-Advance | RB-NM | 50x20                 | 26,5          |         |                        | 34         | 8,2          | crowned      | MMS-NE-00007 |
|  | Nilfisk Advance             | PU    | 50x24,4               |               |         |                        | 40         | 8,2          | crowned      | MMS-NE-00008 |
|  | Tennant MVP                 | PU    | 50,4x26,5             |               |         |                        |            | 8            | crowned      | MMS-NE-00009 |

## WHEELS FOR CLEANING MACHINES



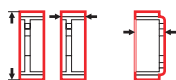
|                                                                                     | Used for                   | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|----------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | DEC                        | RB-NM   | 60x24                 | 27,8          |         |                        | 47         | 6            | crowned      | MMS-NE-00010 |
|   | Nilfisk Advance            | NY      | 63x21                 | 23,5          |         |                        |            | 10           | cylindrical  | MMS-NE-00011 |
|  | Nilfisk-advance            | RB-NM   | 63x32                 | 32            |         |                        | 35,5       | 9,5          | cylindrical  | MMS-NE-00012 |
|  | Nilfisk-Avance MVP Lincoln | PU-soft | 63,5x20,6             | 23            |         |                        | 41         | 8            | crowned      | MMS-NE-00013 |
|  | Fiorentini Dulevo          | RB-NM   | 73x17,6               | 21,5          |         |                        |            | 14           | crowned      | MMS-NE-00014 |

## WHEELS FOR CLEANING MACHINES



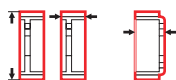
|                                                                                     | Used for                         | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|----------------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Tennant                          | RB-NM | 75x22                 | 28,5          |         |                        |            |              |              | MMS-NE-00015 |
|   | Tennant                          | RB-NM | 75x24                 | 28            |         |                        | 61         | 8,2          | crowned      | MMS-NE-00016 |
|  | Nilfisk Advance                  | RB    | 75x31,8               | 38,1          |         |                        |            | 12,9         | crowned      | MMS-NE-00017 |
|  | Numatic                          | RB-NM | 76x21                 | 21,5          |         |                        | 63         | 21           | crowned      | MMS-NE-00018 |
|  | Hako Powerboss Minuteman Sweeper | RB-NM | 76x24                 | 30,7          |         |                        | 50         | 10           | crowned      | MMS-NE-00019 |

## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for         | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Tennant Kärcher  | RB-NM | 77x22                 | 26,5          |         |                        | 54         | 11,4         | crowned      | MMS-NE-00020 |
|   | Nilfisk-advance  | NY    | 77x99,5               |               |         |                        |            | 13,2         | cylindrical  | 139TA8149    |
|  | Hako             | NY    | 80x20                 | 20            |         |                        |            | 12           | cylindrical  | MMS-NE-00021 |
|  | Comac Fimap      | PU    | 80x22                 |               |         |                        |            | 13           | cylindrical  | MMS-NE-00022 |
|  | Adiatek Floorpul | PU    | 80x30                 | 39            |         |                        | 63         | 12,5         | crowned      | MMS-NE-00023 |

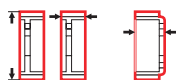
## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for               | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Dulevo                 | PU    | 81x25                 | 22            | 6201    |                        | 58         | 8,3          | crowned      | MMS-NE-00024 |
|   | RCM                    | RB-NM | 95x24                 | 27            |         |                        | 78         | 10,2         | crowned      | MMS-NE-00025 |
|  | Hako                   | RB-NM | 99x33                 | 35            |         |                        | 62         | 11           | crowned      | MMS-NE-00026 |
|  | Nilfisk Advance        | RB-NM | 100X22                | 25,7          |         |                        | 79         |              | crowned      | MMS-NE-00027 |
|  | Tennant Nilfisk-Avance | RB-NM | 100x22,1              | 26            |         |                        | 79         | 8            | crowned      | MMS-NE-00028 |

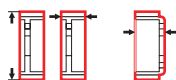


## WHEELS FOR CLEANING MACHINES



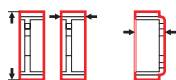
|                                                                                     | Used for                 | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|--------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Dulevo                   | PU    | 100x24                | 40            |         |                        |            | 12           | crowned      | MMS-NE-00029 |
|   | Comac<br>Fimap<br>Ecolab | RB-NM | 100x25                | 28            |         |                        | 83         | 12,7         | crowned      | MMS-NE-00030 |
|  | Factory-cat              | RB-NM | 100x25                |               |         |                        | 85         | 8,2          | crowned      | MMS-NE-00031 |
|  | Fiorentini               | RB-NM | 100x30                | 39,3          |         |                        | 82         | 12,3         | crowned      | MMS-NE-00032 |
|  | Tennant                  | RB-NM | 100x32                | 35            |         |                        |            | 12           |              | MMS-NE-00033 |

## WHEELS FOR CLEANING MACHINES



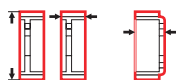
|                                                                                     | Used for                | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Lavor                   | PU    | 100x38                | 36            | 6202    |                        | 92         | 15           | crowned      | MMS-NE-00034 |
|   | Tennant                 | RB-NM | 101x22                | 29            |         |                        | 79         | 16,5         |              | MMS-NE-00035 |
|  | Nilfisk Advance Lincoln | RB    | 101,6x25,4            | 30            |         |                        | 67         | 8            | crowned      | MMS-NE-00036 |
|  | Nilfisk Advance         | RB    | 103x25                | 29            |         |                        | 73         | 9,7          |              | MMS-NE-00037 |
|  | fiorentini              | RB    | 125x26,5              | 31,2          |         |                        | 110,3      |              | crowned      | MMS-NE-00038 |

## WHEELS FOR CLEANING MACHINES



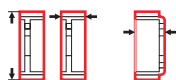
|                                                                                     | Used for | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|----------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Dulevo   | RB    | 125x37                | 43            |         |                        | 41         | 15,5         | crowned      | MMS-NE-00039 |
|   | Hako     | RB    | 125x50                |               | 6005    |                        | 53         |              |              | MMS-NE-00040 |
|  | Columbus | RB-NM | 127x25                | 30            |         |                        | 109        | 12           | crowned      | MMS-NE-00041 |
|  | Tennant  | NY    | 127x33                |               |         |                        |            |              |              | MMS-NE-00042 |
|  | HAKO     | RB    | 150x32                | 36            | 6201    |                        | 115        | 8            |              | MMS-NE-00043 |

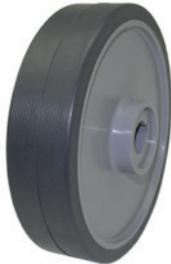
## WHEELS FOR CLEANING MACHINES



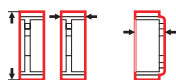
|                                                                                     | Used for                         | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|----------------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Comac Fimap Ecolab               | RB-NM | 150x40                |               |         |                        | 105        |              | cylindrical  | MMS-NE-00044 |
|   | RCM                              | PU    | 150x40                | 56            |         |                        | 127        | 22           | cylindrical  | MMS-NE-00045 |
|  | HAKO                             | VU    | 150x50                | 62,5          |         |                        | 117        | 20           |              | MMS-NE-00046 |
|  | Hako Minuteman Sweeper Powerboss | RB-NM | 152x38                | 38            |         |                        | 112        |              | crowned      | MMS-NE-00047 |
|  | Tennant                          | RB-NM | 152x52                | 56            |         |                        | 125        | 30           | crowned      | MMS-NE-00048 |

## WHEELS FOR CLEANING MACHINES



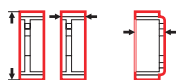
|                                                                                     | Used for                      | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------------------------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|--------------|--------------|
|    | Lavor<br>Dulevo               | RB      | 156x38                | 57            |         | 3               | 139        | 20,5         | cylindrical  | MMS-NE-00049 |
|   | Comac<br>Fimap<br>TMB<br>Hako | PU      | 157x41                |               |         |                 | 140        | 20,5         | cylindrical  | MMS-NE-00050 |
|  | Numatic                       | PU-soft | 158x42                | 50            | 6000    |                 | 134        | 10           | crowned      | MMS-NE-00051 |
|  | Fiorintini<br>Biemmedue       | PU      | 160x40                | 50            |         |                 | 150        | 15           | cylindrical  | MMS-NE-00052 |
|  | Comac<br>Nifisk<br>Advance    | RB-NM   | 170x50                | 50            | 6204    |                 | 127        | 20           | crowned      | MMS-NE-00053 |

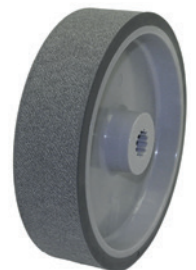
## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for                   | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|----------------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|---------------------------|--------------|
|    | Comac Fimap                | RB-NM | 172x45                |               | 6004    |                        | 154        | 20           | special antiskid (rugged) | MMS-NE-00054 |
|   | Comac Fimap Ecolab         | RB-NM | 173x50                | 41            |         |                        | 127        |              | crowned                   | MMS-NE-00055 |
|  | Adiatek Floorpul           | PU    | 173x50                |               |         | 14                     | 145        | 18           |                           | MMS-NE-00056 |
|  | Adiatek Floorpul           | RB-NM | 173x50                |               |         | 7                      | 144        | 18           | antiskid                  | MMS-NE-00057 |
|  | Comac Ecolab Fimap Karcher | PU    | 174x45                | 50            | 6204    |                        | 146        | 20           | cylindrical               | MMS-NE-00058 |

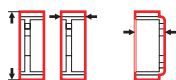
## WHEELS FOR CLEANING MACHINES

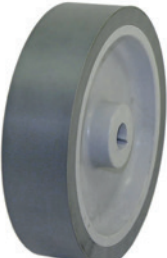


|                                                                                     | Used for           | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|--------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|---------------------------|--------------|
|    | Comac Fimap        | PU-soft | 174x60                | 62            | 6204    |                        | 120        | 20           | special antiskid (rugged) | MMS-NE-00059 |
|   | Adiatek Floorpul   | PU      | 175x45                | 50            | 6204    |                        | 145        | 20           | cylindrical               | MMS-NE-00060 |
|  | Comac Fimap Ecolab | PU-soft | 175x45                | 40            |         |                        | 155        | 20           | antiskid                  | MMS-NE-00061 |
|  | Adiatek            | PU-soft | 175x49                |               |         | 14                     | 147        |              | cylindrical               | MMS-NE-00062 |
|  | Tennant            | PU      | 178x38                | 45            |         |                        | 140        | 19           | cylindrical               | MMS-NE-00063 |

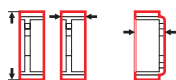


## WHEELS FOR CLEANING MACHINES



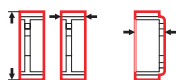
|                                                                                     | Used for        | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|-----------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|---------------------------|--------------|
|    | Nilfisk Advance | PU-soft | 180x50                | 74            |         | 18              | 127        | 20           | cylindrical               | MMS-NE-00064 |
|   | Taski           | PU-soft | 197x50                | 50            | 6204    |                 | 127        | 20           | cylindrical               | MMS-NE-00065 |
|  | Gansow IPC      | RB-NM   | 198x45                | 50            |         |                 | 128        | 19,4         |                           | MMS-NE-00066 |
|  | Tennant         | RB-NM   | 198x50                |               |         |                 | 170        | 13           | cylindrical               | MMS-NE-00067 |
|  | Tennant         | PU-soft | 198x50                | 55            | 6204    |                 | 138        | 20           | special antiskid (rugged) | MMS-NE-00068 |

## WHEELS FOR CLEANING MACHINES



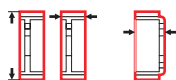
|                                                                                     | Used for                          | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|-----------------------------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|---------------------------|--------------|
|    | Tennant                           | PU-soft | 198x52                | 54,5          | 6204    |                 | 170        | 20           | special antiskid (rugged) | 166TA6542    |
|   | Numatic                           | PU-soft | 198x52                |               |         |                 | 170        | 19           | antiskid                  | MMS-NE-00069 |
|  | Numatic                           | PU-soft | 199x37                | 48            |         |                 | 170        |              | crowned                   | MMS-NE-00070 |
|  | Tennant                           | RB-NM   | 200x38                | 46            |         |                 | 165        | 19           |                           | MMS-NE-00071 |
|  | Fiorentini<br>Dulevo<br>Biemmedue | RB-NM   | 200x42                | 44            | 6203    |                 | 167        | 17           | crowned                   | MMS-NE-00072 |

## WHEELS FOR CLEANING MACHINES



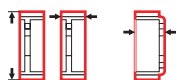
|                                                                                     | Used for          | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Rcm               | RB-NM   | 200x45                | 45            | 6003    |                        | 165        | 17           | cylindrical  | MMS-NE-00073 |
|   | fiorentini        | PU-soft | 200x50                | 55            |         |                        | 179        | 18           | antiskid     | MMS-NE-00074 |
|  | Taski             | RB-NM   | 200x50                | 50            | 6204    |                        | 126        | 20           | cylindrical  | MMS-NE-00075 |
|  | Nilfisk advance   | PU-soft | 200x50                | 73            |         |                        | 127        | 20           | cylindrical  | MMS-NE-00076 |
|  | fiorentini Dulevo | PU-soft | 200x50                |               | 4       |                        | 160        | 18           | cylindrical  | MMS-NE-00077 |

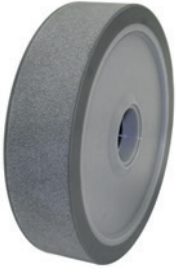
## WHEELS FOR CLEANING MACHINES



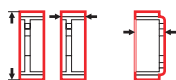
|                                                                                     | Used for                | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Nilfisk Advance         | PU-soft | 200x50                | 55            |         |                        | 170        | 20           | cylindrical  | MMS-NE-00078 |
|   | Taski                   | RB-NM   | 200x50                | 73,5          |         | 18                     | 127,5      | 20           | crowned      | MMS-NE-00079 |
|  | Comac Fimap             | RB-NM   | 200x50                | 56            |         | 4,7                    | 171        | 16,5         | cylindrical  | MMS-NE-00080 |
|  | Nilfisk Advance         | PU      | 200x50                | 60            | 6005    |                        | 167        | 25           | cylindrical  | MMS-NE-00081 |
|  | Nilfisk Advance Tennant | RB-NM   | 200x50                | 68            |         |                        | 142        | 17           |              | MMS-NE-00082 |

## WHEELS FOR CLEANING MACHINES



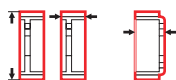
|                                                                                     | Used for                          | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Comac                             | RB-NM   | 200x50                |               |         | 4,5                    | 171        |              | cylindrical  | MMS-NE-00083 |
|   | Hako, powerboss Minuteman Sweeper | RB-NM   | 200x50                | 50            |         |                        | 165        | 13           |              | MMS-NE-00084 |
|  | Fiorentini                        | RB-NM   | 200x50                | 56            |         |                        | 171        | 20           | antiskid     | MMS-NE-00085 |
|  | Fiorentini Dulevo                 | PU-soft | 200x50                | 54            | 6004    | 1,5                    | 171        | 20           | cylindrical  | MMS-NE-00086 |
|  | Smartsweep                        | RB-NM   | 200x50                | 60            |         |                        | 143        | 21           | cylindrical  | MMS-NE-00087 |

## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for   | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Hako       | RB      | 200x50                | 50            | 6204    |                        | 50         | 20           | crowned      | MMS-NE-00088 |
|   | Comac      | RB-NM   | 200x50                | 30            |         |                        | 128        |              |              | MMS-NE-00089 |
|  | Gansow IPC | RB-NM   | 200x51                |               |         |                        | 128        | 20           | cylindrical  | MMS-NE-00090 |
|  | Omm        | PU-soft | 200x51                | 40            |         |                        | 172        | 20           | cylindrical  | MMS-NE-00091 |
|  | Tennant    | PU-soft | 200x52                | 54,5          |         |                        | 170        | 12,8         | antiskid     | 166TA6656    |

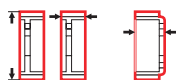
## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for              | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Kärcher               | RB-NM | 200x52                | 41            |         |                        | 162        | 15,6         | crowned      | MMS-NE-00092 |
|   | Nilfisk-advance Viper | RB-NM | 202x38                | 38            |         |                        | 177        |              |              | MMS-NE-00093 |
|  | Nilfisk-advance Viper | RB-NM | 202x38                |               |         |                        | 175        | 20           | cylindrical  | MMS-NE-00094 |
|  | Nilfisk Advance Viper | RB-NM | 203x38                | 38            | 6004    |                        | 175        | 20           | cylindrical  | MMS-NE-00095 |
|  | Kärcher               | RB-NM | 203x53                | 40            |         |                        | 163        | 15           | crowned      | MMS-NE-00096 |

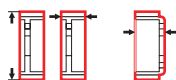


## WHEELS FOR CLEANING MACHINES



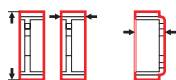
|                                                                                     | Used for        | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Nilfisk Advance | RB-NM   | 205x43                | 35            |         |                        |            |              |              | MMS-NE-00097 |
|   | tennant         | RB-NM   | 213x50                |               |         |                        | 170        | 13           | cylindrical  | MMS-NE-00098 |
|  | Tennant         | RB-NM   | 213x53                | 54            |         |                        | 170        | 13           | antiskid     | 139TA7661    |
|  | Comac Fimap     | RB-NM   | 220x80                |               |         | 8                      | 158        | 20           | antiskid     | 166TA6655    |
|  | Nilfisk Advance | PU-soft | 223x80                |               |         | 36                     | 155        | 40           |              | MMS-NE-00099 |

## WHEELS FOR CLEANING MACHINES



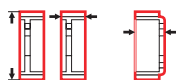
|                                                                                     | Used for          | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|-------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|---------------------------|--------------|
|    | Taski             | RB-NM   | 228x50                | 56            |         |                        | 127        | 20           | cylindrical               | MMS-NE-00100 |
|   | Cleanfix Cleaning | RB-NM   | 230x48                | 42            | 6004    |                        | 197        | 20           | cylindrical               | MMS-NE-00101 |
|  | Tennant Taski     | PU-soft | 230x50                | 57            |         | 22,3                   | 127        | 20           | cylindrical               | MMS-NE-00102 |
|  | Dulevo            | RB      | 230x50                | 45            |         |                        | 180        | 20           |                           | MMS-NE-00103 |
|  | Floorpul Adiatek  | PU-soft | 245x90,5              | 88            |         |                        | 190,5      |              | special antiskid (rugged) | MMS-NE-00104 |

## WHEELS FOR CLEANING MACHINES



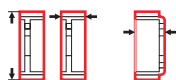
|                                                                                     | Used for                | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Lavor                   | PU-soft | 248x60                |               | 6005    |                        | 208        | 25           |              | MMS-NE-00105 |
|   | LAVOR                   | PU-soft | 248x60                |               |         | 10                     | 210        | 25           | cylindrical  | MMS-NE-00106 |
|  | Hako Powerboss          | PU-soft | 248x79                |               |         | 36,5                   | 189        | 40           | cylindrical  | MMS-NE-00107 |
|  | Dulevo Nilfisk Advance  | RB-NM   | 250x50                | 36            |         |                        | 210        | 17           |              | MMS-NE-00108 |
|  | Nilfisk Advance Adiatek | RB-NM   | 250x50                | 38            | 6003    |                        | 210        | 17           | cylindrical  | MMS-NE-00109 |

## WHEELS FOR CLEANING MACHINES



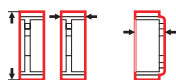
|                                                                                     | Used for  | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Rcm Turbo | RB      | 250x50                |               |         | 8                      | 210        | 20           |              | MMS-NE-00110 |
|   | Kärcher   | PU-soft | 250x50                | 50            |         |                        | 209        | 20           | antiskid     | MMS-NE-00111 |
|  | RCM       | PU-soft | 250x50                |               |         |                        | 50         | 20,3         | antiskid     | MMS-NE-00112 |
|  | Nilfisk   | RB-NM   | 250x50                | 60            | 6305    |                        | 206        | 25           |              | MMS-NE-00113 |
|  | Kärcher   | PU-soft | 250x51                |               |         | 8                      | 209        | 20           | antiskid     | MMS-NE-00114 |

## WHEELS FOR CLEANING MACHINES



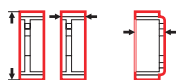
|                                                                                     | Used for        | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|--------------|--------------|
|    | Nilfisk Advance | PU-soft | 250x60                | 69,5          |         |                 | 205        | 20,5         | antiskid     | MMS-NE-00115 |
|   | Gansow IPC      | PU-soft | 250x60                | 69            |         |                 | 210        | 20           | antiskid     | MMS-NE-00116 |
|  | Kärcher         | RB-NM   | 250x60                |               |         | 5               | 200        | 20           | cylindrical  | MMS-NE-00117 |
|  | Kärcher         | RB-NM   | 250x60                | 60            |         |                 | 168        | 25           | crowned      | MMS-NE-00118 |
|  | Tennant         | RB      | 250x80                | 50            | 6205    |                 | 218        | 25           | cylindrical  | MMS-NE-00119 |

## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for                          | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Comac<br>Fimap<br>Ecolab<br>Betco | PU-soft | 250x90                |               |         | 40                     | 188        | 6,75         |              | MMS-NE-00120 |
|   | Kärcher                           | PU-soft | 250x90                |               |         |                        | 210        | 173          | crowned      | MMS-NE-00121 |
|  | Tennant                           | RB      | 252x53                | 48            |         |                        | 212        | 14           |              | MMS-NE-00122 |
|  | Nilfisk<br>Advance                | RB-NM   | 253x88,5              |               |         | 35                     | 188        | 60           | crowned      | MMS-NE-00123 |
|  | Nilfisk-<br>Advance               | RB      | 253x101               | 111           |         |                        |            |              |              | MMS-NE-00124 |

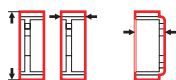
## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for                         | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|----------------------------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|---------------------------|--------------|
|    | Nilfisk Advance                  | PU-soft | 254x80                | 51            | 6205    | 22              | 215        | 25           | cylindrical               | MMS-NE-00125 |
|   | Nilfisk Advance                  | PU-soft | 254x80                |               |         |                 |            |              |                           | MMS-NE-00126 |
|  | Nilfisk-Advance MVP              | RB      | 254x101               | 111           |         |                 | 180        | 25,4         |                           | MMS-NE-00127 |
|  | Hako Powerboss Minuteman Sweeper | RB      | 284,5x50              | 70            |         |                 | 206        | 19           |                           | MMS-NE-00128 |
|  | Fiorentini                       | PU-soft | 297x90                | 118           |         |                 | 228        |              | special antiskid (rugged) | MMS-NE-00129 |

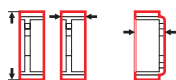


## WHEELS FOR CLEANING MACHINES



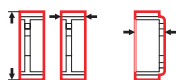
|                                                                                     | Used for                      | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|-------------------------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|---------------------------|--------------|
|    | Nilfisk Advance Alto Cleaning | RB      | 300x66                | 65            |         |                 | 205        | 25           | crowned                   | MMS-NE-00130 |
|   | Nilfisk Advance               | PU-soft | 300x70                | 70            | 6205    |                 | 247        | 25           | cylindrical               | MMS-NE-00131 |
|  | Comac Fimap                   | PU-soft | 300x70                | 71            | 6204    | 3,8             | 222        | 20           | special antiskid (rugged) | MMS-NE-00132 |
|  | Kärcher                       | RB-NM   | 300x70                | 85            |         |                 | 222        | 30           | antiskid                  | MMS-NE-00133 |
|  | Gansow IPC                    | PU-soft | 300x70                |               |         |                 | 220        | 25           | cylindrical               | MMS-NE-00134 |

## WHEELS FOR CLEANING MACHINES



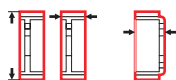
|                                                                                     | Used for                 | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread              | REF          |
|-------------------------------------------------------------------------------------|--------------------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|---------------------------|--------------|
|    | Nilfisk Advance          | PU-soft | 307x90                | 64            | 6205    |                 | 240        | 25           | cylindrical               | 151TA2621    |
|   | Hako Powerboss           | RB-NM   | 310x120               |               |         |                 | 218        | 80           |                           | MMS-NE-00135 |
|  | Nilfisk Advance          | PU-soft | 310x140               |               |         | 65              | 242        | 80,5         | antiskid                  | 166TA7935    |
|  | Tennant                  | PU-soft | 312x100               | 80            | 6207    |                 | 245        | 35           | special antiskid (rugged) | 166TA6552    |
|  | Comac Fimap Ecolab Betco | PU-soft | 312x100               | 80            | 6207    |                 | 245        | 35           | special antiskid (rugged) | MMS-NE-00136 |

## WHEELS FOR CLEANING MACHINES



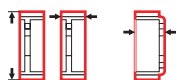
|                                                                                     | Used for        | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Kärcher         | RB      | 350x20,5              |               |         |                        |            |              |              | MMS-NE-00137 |
|   | Nilfisk Advance | RB      | 355x90                | 62            | 6205    |                        | 222        |              |              | MMS-NE-00138 |
|  | Nilfisk Advance | PU      | 355x15                |               |         | 15                     | 293        | 229          |              | MMS-NE-00139 |
|  | Nilfisk Advance | PU-soft | 356x89                | 76            |         |                        | 250        | 25           | cylindrical  | 151TA2866    |
|  | Nilfisk Advance | RB-NM   | 380x300               |               |         |                        |            |              |              | MMS-NE-00140 |

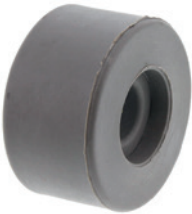
## WHEELS FOR CLEANING MACHINES



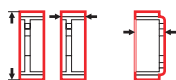
|                                                                                     | Used for        | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------|---------|-----------------------|---------------|---------|-----------------|------------|--------------|--------------|--------------|
|    | Tennant         | PU-soft | 381x127               | 55,6          |         |                 | 304,8      |              | cylindrical  | MMS-NE-00141 |
|   | Tennant         | RB      | 406x89                | 55            | 6206    |                 | 310        | 30           | cylindrical  | MMS-NE-00142 |
|  | Nilfisk Advance | RB      | 412x101,6             | 52            |         |                 | 306,5      | 35           | cylindrical  | MMS-NE-00143 |
|  | Nilfisk Advance | PU-soft | 412,8x152,4           |               |         |                 |            |              |              | MMS-NE-00144 |
|  | Nilfisk-Advance | RB      | 413x102               | 54            |         |                 | 286        | 25           |              | MMS-NE-00145 |

## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for                    | Mat     | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|-----------------------------|---------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Tennant                     | RB      | 457x127               | 55            |         |                        | 310        |              |              | MMS-NE-00146 |
|   | Nilfisk Advance             | PU-soft | 457x152               |               |         | 75,5                   | 360        | 83,3         | cylindrical  | MMS-NE-00147 |
|  | Tennant                     | RB      | 457x126               | 54            |         | 35                     | 372        | 35           | curved       | MMS-NE-00148 |
|  | Fimap Comac                 | NY      | 45x25                 |               |         |                        |            | 13           | cylindrical  | MMS-NE-00149 |
|  | Powerboss Minuteman Sweeper | NY      | 75x63                 | 65,5          |         |                        | 75         | 10           | cylindrical  | MMS-NE-00150 |

## WHEELS FOR CLEANING MACHINES



|                                                                                     | Used for       | Mat   | Dia x width wheels mm | Length hub mm | Bearing | Outer offset flange mm | Dia rim mm | Dia shaft mm | Shape thread | REF          |
|-------------------------------------------------------------------------------------|----------------|-------|-----------------------|---------------|---------|------------------------|------------|--------------|--------------|--------------|
|    | Fimap<br>Comac | RB-NM | 100x15                | 43,5          |         |                        |            |              |              | MMS-NE-00151 |
|   | Tennant        | RB    |                       |               |         |                        |            |              |              | MMS-NE-00152 |
|  | Comac<br>Fimap | NY    | 39x12                 | 20            |         |                        | 39         | 20           | cylindrical  | MMS-NE-00153 |

## CASTOR WHEELS FOR CLEANING MACHINES

|                                                                                     |                                                  |       |  |  |                            |  |  |  |                           |              |
|-------------------------------------------------------------------------------------|--------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|--------------|
|                                                                                     | Used for                                         | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem                                                           | Eccentricity<br>mm                                                                  | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm | REF          |
|    | HAKO<br>MVP<br>Minuteman<br>Sweeper<br>Powerboss | NY    | 40x18                                                                             |                                                                                   |                            | 3/8 UNC                                                                             | 17                                                                                  | 94                                                                                  |                           | MMS-NE-00154 |
|   | Nilfisk-<br>Advance<br>mvp<br>hako               | PU    | 42x35                                                                             |                                                                                   | 10x15                      | M10                                                                                 | 22                                                                                  | 83                                                                                  |                           | MMS-NE-00155 |
|  | Nilfisk-<br>Advance                              | RB-NM | 49x18                                                                             | 42x42                                                                             |                            |                                                                                     | 20                                                                                  | 64                                                                                  | 4,5                       | MMS-NE-00156 |
|  | HAKO                                             | RB-NM | 50x18                                                                             | 34x28                                                                             |                            |                                                                                     |                                                                                     | 70                                                                                  | 10                        | MMS-NE-00157 |
|  | Taski<br>Tennant                                 | RB-NM | 50x18                                                                             |                                                                                   |                            | M10                                                                                 | 24                                                                                  | 115                                                                                 |                           | MMS-NE-00158 |



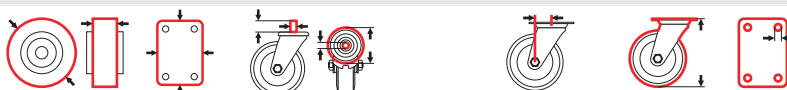
## CASTOR WHEELS FOR CLEANING MACHINES

| Used for                                                                                                               | Mat   | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|------------------------------------------------------------------------------------------------------------------------|-------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|  Dulevo Lavor                         | RB-NM | 50x18                 |                    |                      |                     | 25              | 103             | 10                  | MMS-NE-00159 |
|  Taski Tennant                       | RB-NM | 50x18                 |                    | 10x34                | M10                 | 25              | 103             |                     | MMS-NE-00160 |
|  IPC Gansow Tennant                 | RB    | 50x18                 |                    |                      |                     | 31              | 71              |                     | MMS-NE-00161 |
|  Numatic                            | RB-NM | 50x19                 |                    |                      | M10                 | 14              | 110             |                     | MMS-NE-00162 |
|  Tennant MVP Trek Cleaning Machines | RB-NM | 50x22                 |                    |                      | M10                 | 25              | 64              |                     | MMS-NE-00163 |

## CASTOR WHEELS FOR CLEANING MACHINES

| Used for                                                                                                     | Mat   | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|--------------------------------------------------------------------------------------------------------------|-------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|  Nilfisk-advance            | PU    | 50x22                 |                    |                      |                     | 25              | 73              |                     | MMS-NE-00164 |
|  Tennant MVP               | RB-NM | 50x24                 |                    |                      | M10                 | 15              | 75              |                     | MMS-NE-00165 |
|  IPC Gansow               | NY    | 60x24                 |                    | 12x30                |                     | 30              | 117             |                     | MMS-NE-00166 |
|  Nilfisk-advance Hako MVP | PU    | 60x31                 |                    |                      | 5/8 UNC             | 30              | 152             |                     | MMS-NE-00167 |
|  Tennant MVP              | PU    | 63x35                 | 93x64              |                      |                     |                 |                 |                     | MMS-NE-00168 |

## CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat                        | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|----------------------------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Tennant                    | PU                          | 63x35                    |                            | 1/2 UNC                   | 30                 | 108                   |                           | MMS-NE-00169 |
|   | Nilfisk-<br>Advance<br>MVP | RB-NM                       | 64x35                    |                            | 1/2 UNC                   | 32                 | 128                   |                           | MMS-NE-00170 |
|  | Tennant                    | PU                          | 70x40                    | 100x70                     |                           | 20                 | 95                    | 9                         | MMS-NE-00171 |
|  | Numatic                    | RB-NM                       | 75x21                    | 11x35                      |                           | 28                 | 126                   |                           | MMS-NE-00172 |
|  | Kärcher                    | RB-NM                       | 75x25                    |                            |                           | 24                 | 100                   | 11                        | MMS-NE-00173 |

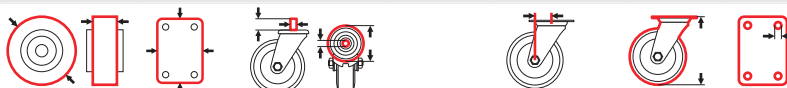
## CASTOR WHEELS FOR CLEANING MACHINES

| Used for | Mat             | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|----------|-----------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|          | VIPER           | PU                    | 75x30              | 92x60                |                     | 21              | 102             | 8                   | MMS-NE-00174 |
|          | Tennant MVP     | NY                    | 75x32              |                      | 13/16               | 20              | 93              |                     | MMS-NE-00175 |
|          | Nilfisk-Advance | RB-NM                 | 75x32              |                      | M12                 | 39              | 128             |                     | MMS-NE-00176 |
|          | Tennant         | RB                    | 76x20              | 11x50                |                     | 22              | 95              |                     | MMS-NE-00177 |
|          | Tennant MVP     | RB-NM                 | 76x32              | 95x70                |                     |                 | 96              |                     | MMS-NE-00178 |

## CASTOR WHEELS FOR CLEANING MACHINES

| Used for                                                                            | Mat                 | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | Fiorentini dulevo   | NY                    | 76x32              | 12,7x39              | 1/2 UNC             | 27              | 133             |                     | MMS-NE-00179 |
|   | Tennant MVP         | PU                    | 76x35              |                      | 1/2 UNC             | 35              | 145             |                     | MMS-NE-00180 |
|  | Tennant             | PU                    | 76x35              | 12x50                | M12                 | 35              | 155             |                     | MMS-NE-00181 |
|  | Tennant MVP All-Pro | PU                    | 76x38              | 12,5x40              |                     | 13              | 98              |                     | MMS-NE-00182 |
|  | Tennant             | RB                    | 76,2x34,8          | 12x41                | M12                 | 30              | 153             |                     | MMS-NE-00183 |

## CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat                   | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Tennant<br>MVP        | NY                          | 77x41,2                  | 15,6x60                    |                           | 36,5               | 172                   |                           | MMS-NE-00184 |
|   | Gansow Ipc            | PU                          | 79x30                    |                            |                           | 45                 | 107                   | 12,5                      | MMS-NE-00185 |
|  | Dulevo                | PU                          | 80x25                    |                            |                           | 22                 | 110                   | 12,5                      | MMS-NE-00186 |
|  | IPC Gansow<br>Tennant | PU                          | 80x25                    |                            |                           | 38                 | 109                   | 12                        | MMS-NE-00187 |
|  | RCM                   | PU                          | 80x32                    |                            |                           | 33                 | 106                   | 12                        | MMS-NE-00188 |

## CASTOR WHEELS FOR CLEANING MACHINES

|                                                                                     |                                       |       |  |  |                            |  |  |  |                           |              |
|-------------------------------------------------------------------------------------|---------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|--------------|
|                                                                                     | Used for                              | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem                                                           | Eccentricity<br>mm                                                                  | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm | REF          |
|    | Comac<br>Floorpul<br>Fimap<br>Adiatek | RB-NM | 80x32                                                                             |                                                                                   |                            |                                                                                     | 33                                                                                  | 106                                                                                 |                           | MMS-NE-00189 |
|   | DEC                                   | PU    | 80x33                                                                             | 100x85                                                                            |                            |                                                                                     | 40                                                                                  | 114                                                                                 | 9                         | MMS-NE-00190 |
|  | Fiorentini<br>Dulevo                  | PU    | 80x34                                                                             |                                                                                   |                            |                                                                                     | 19                                                                                  | 103                                                                                 | 12                        | MMS-NE-00191 |
|  | Fiorentini                            | PU    | 80x34                                                                             | 99x80                                                                             |                            |                                                                                     | 32                                                                                  | 107                                                                                 | 54,5                      | MMS-NE-00192 |
|  | Dulevo                                | PU    | 80x34                                                                             | 100x80                                                                            |                            |                                                                                     | 35                                                                                  | 108                                                                                 | 9                         | MMS-NE-00193 |

## CASTOR WHEELS FOR CLEANING MACHINES

| Used for                                                                                                               | Mat     | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|------------------------------------------------------------------------------------------------------------------------|---------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|  Nilfisk-Advance                      | PU      | 80x37                 |                    |                      |                     | 40              | 99              | 11                  | MMS-NE-00194 |
|  Numatic                             | PU      | 80x40                 | 105x86             |                      |                     | 37              | 110             | 9                   | MMS-NE-00195 |
|  Tennant MVP Trek Cleaning Machines | PU-soft | 80x40                 |                    | 12x25                | M12                 | 40              | 108             |                     | MMS-NE-00196 |
|  Comac Fimap                        | NY      | 80x41,5               |                    |                      |                     | 30              | 101             | 12,5                | MMS-NE-00197 |
|  HAKO                               | PU-soft | 80x45                 | 105x85             |                      |                     | 42              | 127             | 8,7                 | MMS-NE-00198 |



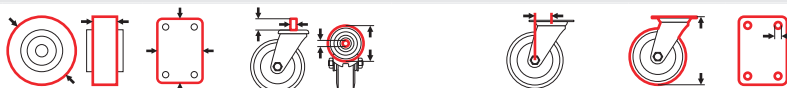
## CASTOR WHEELS FOR CLEANING MACHINES

|                                                                                     |                                                  |       |  |  |                            |  |  |  |                           |              |
|-------------------------------------------------------------------------------------|--------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|--------------|
|                                                                                     | Used for                                         | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem                                                           | Eccentricity<br>mm                                                                  | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm | REF          |
|    | HAKO                                             | RB-NM | 80,5x31                                                                           |                                                                                   |                            |                                                                                     | 33                                                                                  | 121                                                                                 | 13                        | MMS-NE-00199 |
|   | Powerboss<br>HAKO<br>MVP                         | RB-NM | 88x32                                                                             | 15,8x64                                                                           |                            | 5/8 UNC                                                                             | 25                                                                                  | 191                                                                                 |                           | MMS-NE-00200 |
|  | HAKO<br>Powerboss<br>Minuteman<br>sweeper<br>MVP | PU    | 88,5x31,2                                                                         | 91,8x60,3                                                                         |                            |                                                                                     | 35,3                                                                                | 119                                                                                 | 7,2                       | MMS-NE-00201 |
|  | Nilfisk-<br>Advance<br>MVP                       | RB-NM | 89x32                                                                             | 91x63                                                                             |                            |                                                                                     | 30                                                                                  | 120                                                                                 | 8,8                       | MMS-NE-00202 |
|  | Taski<br>Tennantt                                | PU    | 98x61,5                                                                           |                                                                                   |                            | M12                                                                                 | 45                                                                                  | 135                                                                                 | 10,5                      | MMS-NE-00203 |

## CASTOR WHEELS FOR CLEANING MACHINES

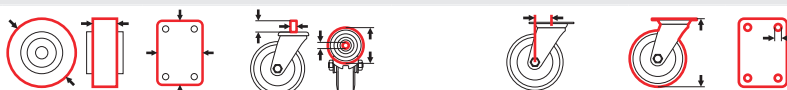
| Used for                                                                            | Mat                 | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | Taski               | PU                    | 98x62              |                      | M12                 | 42              | 135             | 10,7                | MMS-NE-00204 |
|   | Nilfisk-Advance     | PU                    | 100x23,5           |                      |                     | 40              | 124             | 10                  | MMS-NE-00205 |
|  | Nilfisk-Advance MVP | RB-NM                 | 100x25             |                      |                     | 40              | 122             | 10                  | MMS-NE-00206 |
|  | Tennant MVP         | RB-NM                 | 100x30             |                      |                     | 35              | 128             | 12                  | MMS-NE-00207 |
|  | Adiatek Floorpul    | PU                    | 100x30             | 103x85               |                     | 35              | 130             | 9                   | MMS-NE-00208 |

## CASTOR WHEELS FOR CLEANING MACHINES



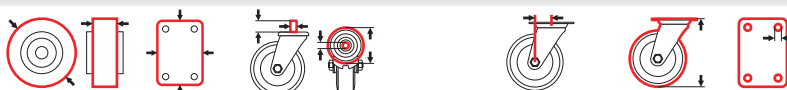
|                                                                                     | Used for                                  | Mat   | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|-------------------------------------------|-------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Comac<br>Fimap                            | PU    | 100x30                      |                          |                            |                           | 40                 | 125                   | 12,5                      | MMS-NE-00209 |
|   | Karcher                                   | RB-NM | 100x32                      |                          |                            |                           | 30                 | 130                   | 11                        | MMS-NE-00210 |
|  | HAKO<br>Powerboss<br>Minuteman<br>sweeper | RB-NM | 100x32                      | 100x85                   |                            |                           | 45                 | 132                   | 8                         | MMS-NE-00211 |
|  | Comac<br>Fimap                            | PU    | 100x32                      | 105x85                   |                            |                           | 41                 | 128                   | 9                         | MMS-NE-00212 |
|  | HAKO<br>Powerboss<br>Minuteman<br>sweeper | RB-NM | 100x32                      | 100x85                   |                            |                           | 45                 | 136                   |                           | MMS-NE-00213 |

## CASTOR WHEELS FOR CLEANING MACHINES



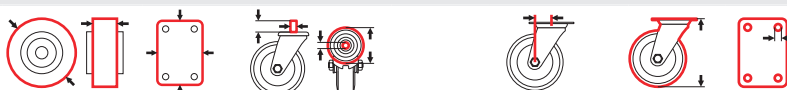
|                                                                                     | Used for       | Mat   | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|----------------|-------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Comac<br>Fimap | RB-NM | 100x34,5                    |                          |                            |                           | 38                 | 130                   | 10,5                      | MMS-NE-00214 |
|   | RCM            | PU    | 100x35                      |                          |                            |                           | 25                 | 128                   | 13                        | MMS-NE-00215 |
|  | Tennant<br>MVP | PU    | 100x35                      |                          |                            |                           | 25                 | 135                   | 10                        | MMS-NE-00216 |
|  | Lavor          | PU    | 100x35                      |                          | 12x21,5                    |                           | 35,9               | 148                   |                           | MMS-NE-00217 |
|  | Karcher        | RB-NM | 100x38                      | 100x85                   |                            |                           | 45                 | 140                   | 9                         | MMS-NE-00218 |

## CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat             | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|-----------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | HAKO            | PU-soft               | 100x38             | 105x85               |                     | 42              | 130             | 9                   | MMS-NE-00219 |
|   | Comac Fimap     | PU                    | 100x38             | 105x85               |                     | 48              | 130             | 9                   | MMS-NE-00220 |
|  | HAKO            | RB                    | 100x45             | 100x85               |                     | 40              | 140             | 9                   | MMS-NE-00221 |
|  | Comac Fimap     | Nylon                 | 100x45             | 118x86               |                     | 39              | 140             | 9                   | MMS-NE-00222 |
|  | Nilfisk-Advance | PU                    | 100x62             | 135x110              |                     | 60              | 145             | 11                  | MMS-NE-00223 |

## CASTOR WHEELS FOR CLEANING MACHINES

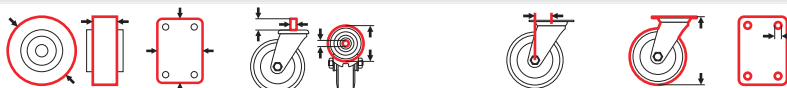


| Used for                                                                            | Mat             | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|-----------------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Nilfisk-advance | PU                          | 100x65,5                 | 135x110                    |                           | 55                 | 143                   | 11                        | MMS-NE-00224 |
|   | Fiorentini      | PU-soft                     | 102x50                   | 115x102                    |                           | 28                 | 145                   | 11                        | MMS-NE-00225 |
|  | Taski           | RB-NM                       | 115x50                   |                            |                           | 50                 | 150                   |                           | MMS-NE-00226 |
|  | RCM             | PU                          | 125x30                   |                            |                           | 50                 | 152                   | 12,5                      | MMS-NE-00227 |
|  | HAKO Powerboss  | PU                          | 125x37                   | 104x85                     |                           | 45                 | 155                   | 9                         | MMS-NE-00228 |

## CASTOR WHEELS FOR CLEANING MACHINES

| Used for                                                                            | Mat             | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|-----------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | Nilfisk-Advance | RB-NM                 | 125x37             | 104x85               |                     | 45              | 155             | 9                   | MMS-NE-00229 |
|   | HAKO            | RB                    | 125x37,5           |                      |                     | 40              | 150             | 13                  | MMS-NE-00230 |
|  | Dulevo          | RB                    | 125x37,5           | 104x85               |                     | 48              | 155             | 9                   | MMS-NE-00231 |
|  | Fiorentini      | RB                    | 125x37,5           | 117x86               |                     | 49              | 158,5           | 9                   | MMS-NE-00232 |
|  | Karcher         | RB-NM                 | 125x38             | 105,5x81             |                     | 44,5            | 154             | 9                   | MMS-NE-00233 |

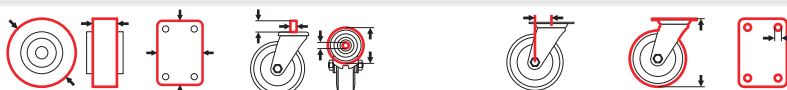
## CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat                | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | Taski              | PU                    | 125x40             | 99,5x85              |                     | 47              | 166             | 9                   | MMS-NE-00234 |
|   | cleanfix cleaning  | RB-NM                 | 125x40             | 100x85               |                     | 37              | 156             | 9                   | MMS-NE-00235 |
|  | Kärcher            | RB-NM                 | 125x40             | 100x85               |                     | 49              | 155             | 8,8                 | MMS-NE-00236 |
|  | Comac Fimap Ecolab | PU                    | 125x40             | 135x110              |                     | 48              | 155             | 11                  | MMS-NE-00237 |
|  | Floorpul Adiatek   | PU                    | 125x40             | 134x110              |                     | 55              | 165             | 11                  | MMS-NE-00238 |



## CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat                                               | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | REF          |
|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|--------------|
|    | Dulevo                                            | RB                          | 125x41                   | 104x85                     |                           | 45,5               | 156                   | 9                         | MMS-NE-00239 |
|   | Dulevo                                            | RB-NM                       | 125x50                   | 137x105                    |                           | 55                 | 178                   | 11                        | MMS-NE-00240 |
|  | Nilfisk-<br>Advance                               | RB                          | 125x50                   | 137x105                    |                           | 55                 | 178                   | 11                        | MMS-NE-00241 |
|  | HAKO                                              | RB                          | 125x50                   | 140x110                    |                           | 53                 | 175                   | 11                        | MMS-NE-00242 |
|  | Tennant<br>MVP<br>Spraymart<br>Kärcher<br>All-pro | PU                          | 128x50                   | 115x98                     |                           | 42                 | 165                   | 10                        | MMS-NE-00243 |

CASTOR WHEELS FOR CLEANING MACHINES



| Used for                                                                            | Mat        | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | REF          |
|-------------------------------------------------------------------------------------|------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|--------------|
|    | Smartsweep | RB-NM                 | 200x50             | 115x100              |                     | 55              | 238             | 11                  | MMS-NE-00244 |
|   | Taski      | RN-NM                 | 200x50             | 135x110              |                     | 58              | 235             | 10,5                | MMS-NE-00245 |
|  | Moduma     | RB                    | 200x50             | 135x110              |                     | 66              | 250             | 12                  | MMS-NE-00246 |

**TYRE KITS FOR CLEANING MACHINES**

| Used for                                                                                                              | Description                                                                                                                                                                                                     | REF          |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  <p>Tennant<br/>MVP</p>              | <p>Tyre size: 280/250-4<br/>Thread pattern: C178<br/>Radial/diagonal: diagonal<br/>Direction thread: non-directional<br/>Ply rating: 4<br/>Rim center bore diameter: 57 mm<br/>Pitch circle diameter: 70 mm</p> | MMS-NE-00247 |
|  <p>Dulevo</p>                      | <p>Tyre size: 4.00-6<br/>Diameter rim: 5,63 inch<br/>Thread pattern: LUG</p>                                                                                                                                    | MMS-NE-00248 |
|  <p>RCM<br/>Dulevo<br/>Tennant</p> | <p>Tyre size: 3.00-4<br/>Rim width: 2,1 inch<br/>Diameter rim: 4 inch<br/>Thread pattern: LUG</p>                                                                                                               | MMS-NE-00249 |
|  <p>Taski</p>                      | <p>Tyre size: 248x81</p>                                                                                                                                                                                        | MMS-NE-00250 |
|  <p>Dulevo</p>                     | <p>Tyre size: 3.00-4<br/>Rim width: 2,1 inch<br/>Diameter rim: 4 inch</p>                                                                                                                                       | MMS-NE-00251 |

**TYRE KITS FOR CLEANING MACHINES**

| Used for                                                                                  | Description                                                                                                                                                                             | REF          |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  Dulevo  | Tyre size: 4.00-6                                                                                                                                                                       | MMS-NE-00252 |
|  Dulevo | Tyre size: 4.00-6                                                                                                                                                                       | MMS-NE-00253 |
|  RCM   | Tyre size: 4.00-6<br>Rim width: 2,5 inch<br>Diameter rim: 6 inch<br>Quality: standard, this tyre offers a solution for 90% of the applications.<br>Suitable for continuous everyday use | MMS-NE-00254 |
|  RCM   | Tyre size: 4.00-6<br>Rim width: 2,5 inch<br>Diameter rim: 6 inch<br>Quality: standard, this tyre offers a solution for 90% of the applications.<br>Suitable for continuous everyday use | MMS-NE-00255 |
|  Taski | Tyre size: 250x80,5x40                                                                                                                                                                  | MMS-NE-00256 |

## TYRE KITS FOR CLEANING MACHINES

| Used for                                                                                                                          | Description                                                                                                                                                                                                                                                                                                                                                                                                                 | REF          |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  <p>Hako<br/>Powerboss<br/>Minuteman Sweeper</p> | <p>Tyre size: 300x95x25</p>                                                                                                                                                                                                                                                                                                                                                                                                 | MMS-NE-00257 |
|  <p>Nilfisk-Advance</p>                          | <p>Sort of traction wheel: traction wheel with keyway<br/>Diameter of the wheel: 252 mm<br/>Width of the wheel: 80 mm<br/>Shaft diameter: 20 mm<br/>Hub length: 52 mm<br/>Wheel material detail: PU-soft<br/>Colour of the wheel: brown<br/>Wheel profile: traction contour<br/>Material of the rim: steel plate<br/>Cam present: no<br/>Rim and tyre: no<br/>Suitable for coldstore use: no<br/>One side is closed: no</p> | MMS-NE-00258 |
|  <p>Karcher</p>                                | <p>Type press-on tyre: press-on internal indentation<br/>Profile of the press-on tyre: fish bone profile<br/>Outer diameter: 301 mm<br/>Width: 110 mm<br/>Inner diameter: 220 mm<br/>Smallest inner diameter: 212 mm<br/>Unit MI: Metric</p>                                                                                                                                                                                | MMS-NE-00259 |
|  <p>Karcher</p>                                | <p>Type press-on tyre: press-on internal indentation<br/>Wheelprofile: smooth<br/>Outer diameter: 301,6 mm<br/>Width: 111,1 mm<br/>Inner diameter: 219 mm<br/>Smallest inner diameter: 211 mm<br/>Unit MI: imperial<br/>Outer diameter: 11 7/8 inch<br/>Width: 4 3/8 inch<br/>Inner diameter: 8 5/8 inch<br/>Smallest inner diameter: 8 5/16 inch</p>                                                                       | MMS-NE-00260 |
|  <p>GANSOW IPC</p>                             | <p>Standard wheel with bearing<br/>Diameter of the wheel: 312 mm<br/>Width of the wheel: 91 mm<br/>Type of bearing: 6005<br/>Hub length: 50,3 mm<br/>Clamping length: 50,3 mm<br/>Diameter of the rim: 183,5 mm<br/>Width of the rim: 87 mm<br/>Shape of thread: cylindrical</p>                                                                                                                                            | MMS-NE-00261 |

**TYRE KITS FOR CLEANING MACHINES**

| Used for                                                                                                   | Description                                                                                                                                                                                                                                                                                                                                  | REF          |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  <p>RCM</p>               | <p>Tyre size: 255x124</p>                                                                                                                                                                                                                                                                                                                    | MMS-NE-00262 |
|  <p>Dulevo</p>           | <p>Traction wheel with keyway<br/> Diameter of the wheel: 253 mm<br/> Width of the wheel: 80 mm<br/> Diameter of the rim: 122 mm<br/> Width of the rim: 70 mm<br/> Shaft diameter: 20 mm<br/> Hub length: 38 mm<br/> Inner/outer offset of the flange: 9x22 mm<br/> Thickness of the flange: 39 mm<br/> Shape of the thread: cylindrical</p> | MMS-NE-00263 |
|  <p>Karcher</p>         | <p>Traction wheel with keyway<br/> Diameter of the wheel: 250 mm<br/> Width of the wheel: 58 mm<br/> Diameter of the rim: 169 mm<br/> Shaft diameter: 20 mm<br/> Thickness of the flange: 36 mm</p>                                                                                                                                          | MMS-NE-00264 |
|  <p>GANSOW IPC</p>      | <p>Traction wheel with keyway<br/> Diameter of the wheel: 258 mm<br/> Width of the wheel: 80 mm<br/> Diameter of the rim: 183 mm<br/> Width of the rim: 80 mm<br/> Shaft diameter: 32 mm<br/> Inner/outer offset of the flange: 15x43 mm<br/> Thickness of the flange: 25 mm<br/> Shape of the thread: crowned</p>                           | MMS-NE-00265 |
|  <p>Nilfisk Advance</p> | <p>Traction wheel with keyway<br/> Diameter of the wheel: 253 mm<br/> Width of the wheel: 80 mm<br/> Diameter of the rim: 125 mm<br/> Width of the rim: 80 mm<br/> Shaft diameter: 18 mm<br/> Inner/outer offset of the flange: 15x25 mm<br/> Shape of the thread: crowned</p>                                                               | MMS-NE-00266 |

TYRE KITS FOR CLEANING MACHINES

| Used for                                                                                       | Description                                                                                                    | REF          |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------|
|  Nilfisk ALTO | Tyre size: 260x85<br>Non marking: yes<br>Thread pattern: LAWN<br>Ply rating: 6<br>Radial or Diagonal: diagonal | MMS-NE-00267 |
|  Tennant     | Tyre size: 260x85<br>Non marking: yes<br>Thread pattern: LAWN<br>Ply rating: 6<br>Radial or Diagonal: diagonal | MMS-NE-00268 |

## NOTES









CASTORS

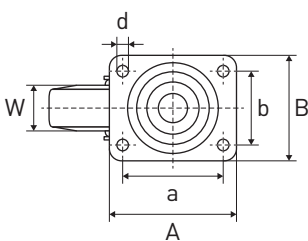
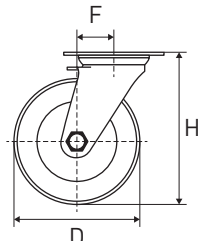
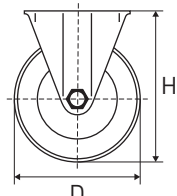
WHEEL

| Dim | Dimensions       | MB      | Material bandage    | MR | Material rim |
|-----|------------------|---------|---------------------|----|--------------|
| D   | Diameter         | NY      | Nylon               | AL | Aluminium    |
| W   | Width            | PU      | Polyurethane        | CI | Cast Iron    |
| MB  | Material bandage | Pu-Pa   | PU + Polyamide Core | NY | Nylon        |
| MR  | Material rim     | PU-Soft | Soft PU             | SP | Steel Plate  |
|     |                  | VU      | Vulkollan®          | ST | Steel        |
|     |                  | RB      | Rubber              |    |              |
|     |                  | RB-NM   | Rubber Non-Marking  |    |              |
|     |                  | RB-Air  | Rubber Air          |    |              |
|     |                  | ST      | Steel               |    |              |

TP: TOP PLATE

| Dim       | Dimensions       |
|-----------|------------------|
| A         | Length top plate |
| B         | Width top plate  |
| a         | Bolt distance    |
| b         | Bolt distance    |
| d         | Bolt diameter    |
| H         | Mounting height  |
| F         | Excentricity     |
| Brake     | Yes/No           |
| Footguard | Yes/No           |

SUBTYPES



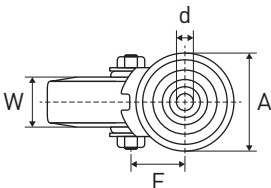
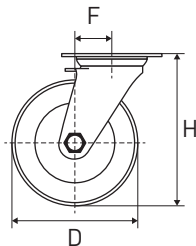
SC: swivel castor

FC: fixed castor



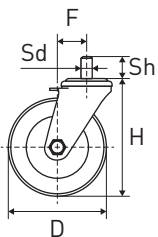
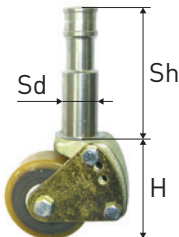
BF: BOLT HOLE FIXING

| Dim   | Dimensions      |
|-------|-----------------|
| d     | Diameter bolt   |
| A     | Plate diameter  |
| H     | Mounting height |
| F     | Excentricity    |
| Brake | Yes/No          |

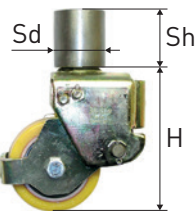


FS: FIXED STEM

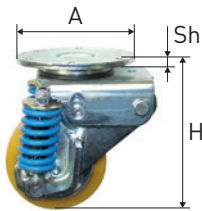
| Dim       | Dimensions      |
|-----------|-----------------|
| Sd        | Diameter stem   |
| A         | Plate diameter  |
| Sh        | Height          |
| H         | Mounting height |
| F         | Excentricity    |
| Footguard | Yes/No          |
| Damping   | Yes/No          |



TB: TOP BEARING



RT: ROUND TOP



MXL: MAX LOAD (OPTIONAL)

## CASTORS



| Mat | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Colour<br>damping | REF |
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|

### TOP PLATE - LIGHT VERSION



|       |       |       |  |  |  |    |    |  |           |
|-------|-------|-------|--|--|--|----|----|--|-----------|
| RB-NM | 50x18 | 34x28 |  |  |  | 70 | 10 |  | 139TA6646 |
|-------|-------|-------|--|--|--|----|----|--|-----------|



|    |       |        |  |  |    |    |   |  |           |
|----|-------|--------|--|--|----|----|---|--|-----------|
| PU | 70x40 | 100x70 |  |  | 20 | 95 | 9 |  | 140TA7770 |
|----|-------|--------|--|--|----|----|---|--|-----------|



|    |         |       |  |  |    |     |     |  |              |
|----|---------|-------|--|--|----|-----|-----|--|--------------|
| PU | 74,5x48 | 82x95 |  |  | 33 | 165 | 8,5 |  | MMS-RO-00001 |
|----|---------|-------|--|--|----|-----|-----|--|--------------|

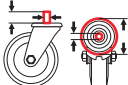


|    |       |       |  |  |    |     |   |  |              |
|----|-------|-------|--|--|----|-----|---|--|--------------|
| RB | 76x31 | 92x63 |  |  | 28 | 106 | 9 |  | MMS-RO-00002 |
|----|-------|-------|--|--|----|-----|---|--|--------------|



|       |        |        |  |  |    |     |   |  |           |
|-------|--------|--------|--|--|----|-----|---|--|-----------|
| RB-NM | 100x32 | 100x85 |  |  | 45 | 132 | 8 |  | 139TA6647 |
|-------|--------|--------|--|--|----|-----|---|--|-----------|

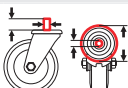
## CASTORS

|                                                                                     |     |  |  |  |                     |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width wheels mm                                                             | L x W top plate mm                                                                | Dia x Height stem mm                                                              | Type of thread stem | Eccentricity mm                                                                    | Total height mm                                                                     | Dia bolt hole(s) mm                                                                 | Colour damping                                                                      | REF          |
|    | PU  | 100x35                                                                            | 110x102                                                                           |                                                                                   |                     | 25                                                                                 | 135                                                                                 | 10                                                                                  |                                                                                     | 129TA9885    |
|   | NY  | 100x37                                                                            | 135x110                                                                           |                                                                                   |                     |                                                                                    | 139                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00003 |
|  | NY  | 100x37                                                                            | 135x110                                                                           |                                                                                   |                     | 42                                                                                 | 139                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00004 |
|  | RB  | 100x39,5                                                                          | 117x117                                                                           |                                                                                   |                     | 45                                                                                 | 127                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00005 |
|  | PU  | 100x39,6                                                                          | 105,3x85,2                                                                        |                                                                                   |                     | 29,4                                                                               | 180,6                                                                               | 10,8                                                                                |                                                                                     | MMS-RO-00006 |

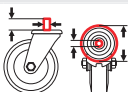
## CASTORS

| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|
|     | PU                    | 100x40             | 100x85               |                     | 30              | 150             | 9,2                 |                | MMS-RO-00007 |
|     | PU                    | 100x40             | 100x85               |                     | 32              | 170             | 9                   |                | MMS-RO-00008 |
|     | VU                    | 100x40             | 100x85               |                     | 32              | 175             | 9                   |                | MMS-RO-00009 |
|     | PU                    | 100x40             | 100x85               |                     | 38              | 170             | 9                   |                | MMS-RO-00010 |
|     | PU                    | 100x40             | 100x86               |                     | 35              | 141             | 9                   |                | MMS-RO-00011 |

## CASTORS

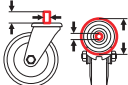
|                                                                                     |     |  |  |  |                           |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 100x40                                                                            | 104,5x118                                                                         |                                                                                   |                           | 30                                                                                 | 244                                                                                 | 8,5                                                                                 |                                                                                     | MMS-RO-00012 |
|   | PU  | 100x40                                                                            | 104,5x118                                                                         |                                                                                   |                           | 30                                                                                 | 244                                                                                 | 8,5                                                                                 |                                                                                     | MMS-RO-00013 |
|  | PU  | 100x40                                                                            | 105x85                                                                            |                                                                                   |                           | 30                                                                                 | 171                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00014 |
|  | PU  | 100x40                                                                            | 105x85                                                                            |                                                                                   |                           | 30                                                                                 | 171                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00015 |
|  | VU  | 100x40                                                                            | 105x85                                                                            |                                                                                   |                           | 25                                                                                 | 175                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00016 |

## CASTORS

|                                                                                     |     |  |  |  |                     |  |  |  |  |              |
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|                                                                                     | Mat | Dia x width wheels mm                                                             | L x W top plate mm                                                                | Dia x Height stem mm                                                              | Type of thread stem | Eccentricity mm                                                                    | Total height mm                                                                     | Dia bolt hole(s) mm                                                                 | Colour damping                                                                      | REF          |
|    | PU  | 100x40                                                                            | 105x85                                                                            |                                                                                   |                     | 33                                                                                 | 175                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00017 |
|   | PU  | 100x40                                                                            | 139x109                                                                           |                                                                                   |                     | 17                                                                                 | 149                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00018 |
|  | PU  | 100x40                                                                            | 140x110                                                                           |                                                                                   |                     | 32                                                                                 | 175                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00019 |
|  | PU  | 100x40                                                                            | 140x110                                                                           |                                                                                   |                     | 32                                                                                 | 175                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00020 |
|  | PU  | 101x41                                                                            | 114x96                                                                            |                                                                                   |                     | 34                                                                                 | 135                                                                                 | 10,3                                                                                |                                                                                     | MMS-RO-00021 |



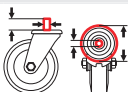
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|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 100x50                                                                            | 114x102                                                                           |                                                                                   |                           | 25                                                                                 | 143                                                                                 |                                                                                     |                                                                                     | MMS-RO-00022 |
|   | PU  | 102x50                                                                            | 115x102                                                                           |                                                                                   |                           | 28                                                                                 | 145                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00023 |
|  | PU  | 125x34                                                                            | 100x85                                                                            |                                                                                   |                           | 48                                                                                 | 162                                                                                 | 9                                                                                   |                                                                                     | MMS-RO-00024 |
|  | PU  | 125x40                                                                            | 135x110                                                                           |                                                                                   |                           | 28                                                                                 | 170                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00025 |
|  | PU  | 125x50                                                                            | 128x96                                                                            |                                                                                   |                           | 20                                                                                 | 209                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00026 |

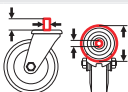
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|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem                                                         | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 125x50                                                                            | 134x109                                                                           |                                                                                   |                                                                                   | 30                                                                                 | 194                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00027 |
|   | VU  | 125x50                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 25                                                                                 | 207,5                                                                               | 12,5                                                                                |                                                                                     | MMS-RO-00028 |
|  | PU  | 125x50                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 56                                                                                 | 187                                                                                 | 13,5                                                                                |                                                                                     | MMS-RO-00029 |
|  | PU  | 125x50                                                                            | 135x111                                                                           |                                                                                   |                                                                                   | 25                                                                                 | 191                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00030 |
|  | PU  | 125x50                                                                            | 136x110                                                                           |                                                                                   |                                                                                   | 35                                                                                 | 210                                                                                 | 14                                                                                  |                                                                                     | MMS-RO-00031 |

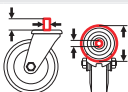
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|                                                                                     | Mat     | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | VU      | 125x50                                                                            | 175x140                                                                           |                                                                                   |                           | 55                                                                                 | 180                                                                                 |                                                                                     |                                                                                     | MMS-RO-00032 |
|   | VU      | 125x54                                                                            | 120x120                                                                           |                                                                                   |                           | 28                                                                                 | 165                                                                                 |                                                                                     |                                                                                     | MMS-RO-00033 |
|  | PU      | 125x54                                                                            | 140x110                                                                           |                                                                                   |                           | 50                                                                                 | 175                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00034 |
|  | PU      | 125x60                                                                            | 140x110                                                                           |                                                                                   |                           | 21                                                                                 | 169                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00035 |
|  | PU-soft | 126,5x38                                                                          | 115x96                                                                            |                                                                                   |                           | 37                                                                                 | 159                                                                                 | 10,5                                                                                |                                                                                     | MMS-RO-00036 |

## CASTORS

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|                                                                                     | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | RB-NM | 127x50                                                                            | 115x102                                                                           |                                                                                   |                           | 45                                                                                 | 164                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00037 |
|   | PU    | 127x50                                                                            | 115x103                                                                           |                                                                                   |                           | 49                                                                                 | 165                                                                                 | 11,5                                                                                |                                                                                     | MMS-RO-00038 |
|  | PU    | 127x50,8                                                                          | 115x100,5                                                                         |                                                                                   |                           | 48,5                                                                               | 165                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00039 |
|  | VU    | 140x54                                                                            |                                                                                   | 80x87                                                                             |                           | 40                                                                                 | 338                                                                                 |                                                                                     |                                                                                     | MMS-RO-00040 |
|  | PU    | 140x54                                                                            | 135x110                                                                           |                                                                                   |                           | 42                                                                                 | 195                                                                                 |                                                                                     |                                                                                     | MMS-RO-00041 |

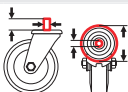
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|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 140x54                                                                            | 135x110                                                                           |                                                                                   |                           | 25                                                                                 | 208                                                                                 |                                                                                     |                                                                                     | MMS-RO-00042 |
|   | PU  | 140x54                                                                            | 140x110                                                                           |                                                                                   |                           | 28                                                                                 | 193                                                                                 |                                                                                     |                                                                                     | MMS-RO-00043 |
|  | PU  | 140x60                                                                            | 128x96,2                                                                          | 59,5x21                                                                           |                           | 24                                                                                 | 222                                                                                 | 10,5                                                                                |                                                                                     | MMS-RO-00044 |
|  | NY  | 150x40                                                                            | 115x98                                                                            |                                                                                   |                           | 45                                                                                 | 190                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00045 |
|  | PU  | 150x40                                                                            | 135x110                                                                           |                                                                                   |                           | 35                                                                                 | 195                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00046 |

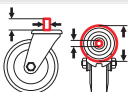
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|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem                                                         | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 150x40                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 35                                                                                 | 195                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00047 |
|   | VU  | 150x48                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 27                                                                                 | 212                                                                                 | 12                                                                                  |                                                                                     | MMS-RO-00048 |
|  | VU  | 150x55                                                                            | 130x130                                                                           |                                                                                   |                                                                                   | 48                                                                                 | 195                                                                                 |                                                                                     |                                                                                     | MMS-RO-00049 |
|  | PU  | 150x50                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 30                                                                                 | 228                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00050 |
|  | PU  | 150x50                                                                            | 135x110                                                                           |                                                                                   |                                                                                   | 32                                                                                 | 200                                                                                 |                                                                                     |                                                                                     | MMS-RO-00051 |

## CASTORS

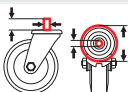
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|                                                                                     | Mat | Dia x width wheels mm                                                             | L x W top plate mm                                                                | Dia x Height stem mm                                                              | Type of thread stem | Eccentricity mm                                                                    | Total height mm                                                                     | Dia bolt hole(s) mm                                                                 | Colour damping                                                                      | REF          |
|    | PU  | 150x50                                                                            | 135x110                                                                           |                                                                                   |                     | 40                                                                                 | 195                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00052 |
|   | PU  | 150x50                                                                            | 135x110                                                                           |                                                                                   |                     | 42,5                                                                               | 198                                                                                 |                                                                                     |                                                                                     | MMS-RO-00053 |
|  | PU  | 150x50                                                                            | 135x110                                                                           |                                                                                   |                     | 65                                                                                 | 202                                                                                 | 12                                                                                  |                                                                                     | MMS-RO-00054 |
|  | PU  | 150x54                                                                            |                                                                                   | 72x60                                                                             |                     | 38                                                                                 | 230                                                                                 |                                                                                     |                                                                                     | MMS-RO-00055 |
|  | PU  | 150x54                                                                            |                                                                                   | 85x60                                                                             |                     | 38                                                                                 | 230                                                                                 |                                                                                     |                                                                                     | MMS-RO-00056 |

## CASTORS

|                                                                                     |         |  |  |  |                           |  |  |  |  |              |
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|                                                                                     | Mat     | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU      | 150x54                                                                            | 135x110                                                                           |                                                                                   |                           | 35                                                                                 | 200                                                                                 |                                                                                     |                                                                                     | MMS-RO-00057 |
|   | PU-soft | 150x54                                                                            | 135x110                                                                           |                                                                                   |                           | 40                                                                                 | 200                                                                                 |                                                                                     |                                                                                     | MMS-RO-00058 |
|  | PU      | 150x54                                                                            | 135x110                                                                           |                                                                                   |                           | 24                                                                                 | 217                                                                                 | 13                                                                                  |                                                                                     | MMS-RO-00059 |
|  | PU      | 150x55                                                                            | 115x115                                                                           |                                                                                   |                           | 28                                                                                 | 250                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00060 |
|  | VU      | 150x78                                                                            | 178x178                                                                           |                                                                                   |                           |                                                                                    | 285                                                                                 |                                                                                     |                                                                                     | MMS-RO-00061 |



## CASTORS

|                                                                                     |     |  |  |  |                     |  |  |  |  |              |
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|                                                                                     | Mat | Dia x width wheels mm                                                             | L x W top plate mm                                                                | Dia x Height stem mm                                                              | Type of thread stem | Eccentricity mm                                                                    | Total height mm                                                                     | Dia bolt hole(s) mm                                                                 | Colour damping                                                                      | REF          |
|    | PU  | 180x65                                                                            | 200x160                                                                           |                                                                                   |                     | 40                                                                                 | 242                                                                                 |                                                                                     |                                                                                     | MMS-RO-00062 |
|   | PU  | 200x50                                                                            | 134x117                                                                           |                                                                                   |                     |                                                                                    | 236                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00063 |
|  | PU  | 200x50                                                                            | 135x110                                                                           |                                                                                   |                     | 54                                                                                 | 235                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00064 |
|  | PU  | 200x50                                                                            | 135x110                                                                           |                                                                                   |                     |                                                                                    | 265                                                                                 | 13                                                                                  |                                                                                     | MMS-RO-00065 |
|  | RB  | 200x50                                                                            | 135x110                                                                           |                                                                                   |                     |                                                                                    | 270                                                                                 |                                                                                     |                                                                                     | MMS-RO-00066 |

## CASTORS

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| Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF |



RB

200x80

136x111

74

250

11

MMS-RO-00067



RB-NM

204x63

160x113

50

254

MMS-RO-00068

## TOP PLATE CYLINDRICAL- LIGHT VERSION



PU

85x48

20

178

MMS-RO-00069



PU

90x50

20,3

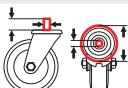
164

10,25

yellow

MMS-RO-00070

## CASTORS

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|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 25                                                                                 | 211                                                                                 | 8,5                                                                                 | blue                                                                                | MMS-RO-00071 |
|   | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 36,4                                                                               | 233                                                                                 |                                                                                     |                                                                                     | MMS-RO-00072 |
|  | PU  | 100x40                                                                            |                                                                                   |                                                                                   | M10                       | 33                                                                                 | 194                                                                                 |                                                                                     | brown                                                                               | MMS-RO-00073 |
|  | PU  | 125x50                                                                            |                                                                                   |                                                                                   |                           | 25                                                                                 | 190                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00074 |
|  | PU  | 125x60                                                                            |                                                                                   |                                                                                   |                           | 25                                                                                 | 190                                                                                 |                                                                                     |                                                                                     | MMS-RO-00075 |

## CASTORS

| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |  |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|--|
|     | PU                    | 125x60             |                      | M27                 | 25              | 237,5           |                     |                | MMS-RO-00076 |  |
|     | PU                    | 130x55             | 140x85               |                     | 20              | 214             | 6,75                |                | MMS-RO-00077 |  |
|     | PU                    | 140x54             |                      |                     | 20              | 220             | 10                  | blue           | MMS-RO-00078 |  |
|     | PU                    | 140x54             |                      |                     | 20              | 220             | 10                  | grey           | MMS-RO-00079 |  |
|     | PU                    | 140x54             |                      | M10                 | 42              | 213             |                     |                | MMS-RO-00080 |  |

## CASTORS



| Mat | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Colour<br>damping | REF |
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|

### CYLINDRICAL TOP PLATE- LIGHT VERSION



|    |        |  |  |  |    |  |    |  |              |
|----|--------|--|--|--|----|--|----|--|--------------|
| PU | 140x54 |  |  |  | 43 |  | 10 |  | MMS-RO-00081 |
|----|--------|--|--|--|----|--|----|--|--------------|



|    |        |  |  |  |    |     |    |  |              |
|----|--------|--|--|--|----|-----|----|--|--------------|
| VU | 140x60 |  |  |  | 35 | 199 | 10 |  | MMS-RO-00082 |
|----|--------|--|--|--|----|-----|----|--|--------------|



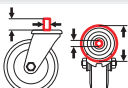
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|---------|--------|--|--|--|----|-----|----|--|--------------|
| PU-soft | 150x54 |  |  |  | 40 | 207 | 10 |  | MMS-RO-00083 |
|---------|--------|--|--|--|----|-----|----|--|--------------|

### BOLTED FIXING - LIGHT VERSION

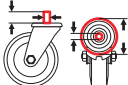


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|----|-------|-----------|--|----|--|------|--|--|--------------|
| NY | 38x18 | 34,8x34,8 |  | M8 |  | 82,5 |  |  | MMS-RO-00084 |
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## CASTORS

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|                                                                                     | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU    | 42x35                                                                             |                                                                                   |                                                                                   | M10                       | 22                                                                                 | 83                                                                                  |                                                                                     |                                                                                     | 139TA7445    |
|   | RB-NM | 50x22                                                                             |                                                                                   |                                                                                   | M10                       | 25                                                                                 | 64                                                                                  |                                                                                     |                                                                                     | 129TA9859    |
|  | RB-NM | 50x24                                                                             |                                                                                   |                                                                                   | M10                       | 15                                                                                 | 75                                                                                  |                                                                                     |                                                                                     | 129TA9860    |
|  | RB-NM | 50x18                                                                             |                                                                                   |                                                                                   | M10                       | 25                                                                                 | 103                                                                                 |                                                                                     |                                                                                     | 166TA6738    |
|  | PU    | 50x19                                                                             |                                                                                   |                                                                                   | M10                       | 21                                                                                 | 108                                                                                 |                                                                                     |                                                                                     | MMS-RO-00085 |

## CASTORS

|                                                                                     |       |  |  |  |                           |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | RB    | 50x18                                                                             |                                                                                   |                                                                                   | M10                       | 21,5                                                                               | 99                                                                                  |                                                                                     |                                                                                     | MMS-RO-00086 |
|   | PU    | 60x31                                                                             |                                                                                   |                                                                                   | 5/8 UNC                   | 30                                                                                 | 152                                                                                 |                                                                                     |                                                                                     | 152TA3275    |
|  | RB    | 60x24                                                                             |                                                                                   |                                                                                   |                           | 28                                                                                 | 87                                                                                  | 12,4                                                                                |                                                                                     | MMS-RO-00087 |
|  | PU    | 63x35                                                                             |                                                                                   |                                                                                   | 1/2 UNC                   | 30                                                                                 | 108                                                                                 |                                                                                     |                                                                                     | 139TA6920    |
|  | RB-NM | 64x35                                                                             |                                                                                   |                                                                                   | 1/2 UNC                   | 32                                                                                 | 128                                                                                 |                                                                                     |                                                                                     | 139TA4813    |

## CASTORS

|                                                                                     |       |  |  |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat   | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem                                                         | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU    | 65x32                                                                             |                                                                                   |                                                                                   | M12                                                                               | 36                                                                                 | 120                                                                                 |                                                                                     |                                                                                     | MMS-RO-00088 |
|   | RB    | 75x25                                                                             |                                                                                   |                                                                                   |                                                                                   | 24                                                                                 | 100                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00089 |
|  | PU    | 80x32                                                                             |                                                                                   |                                                                                   |                                                                                   | 33                                                                                 | 106                                                                                 | 12                                                                                  |                                                                                     | 166TA6663    |
|  | RB-NM | 80x32                                                                             |                                                                                   |                                                                                   |                                                                                   | 33                                                                                 | 106                                                                                 | 12                                                                                  |                                                                                     | 141TA7542    |
|  | RB    | 80x32                                                                             |                                                                                   |                                                                                   |                                                                                   | 37                                                                                 | 99                                                                                  | 10,5                                                                                |                                                                                     | MMS-RO-00090 |



## CASTORS

| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|
|     | PU                    | 80x34              |                      |                     | 45              | 120             | 12                  |                | MMS-RO-00091 |
|     | PU                    | 80x40              |                      | M12                 | 38,1            | 133             |                     |                | MMS-RO-00092 |
|     | PU-soft               | 80x40              |                      | M12                 | 40              | 108             |                     |                | 129TA9861    |
|     | NY                    | 80x41,5            |                      |                     | 30              | 101             | 12,5                |                | 166TA6743    |
|     | RB                    | 80,5x31            |                      |                     | 33              | 121             | 13                  |                | 166TA6740    |

## CASTORS

| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|
|     | PU                    | 88x31              |                      | 1/2 UNC             | 32              | 133             |                     |                | MMS-RO-00093 |
|     | PU                    | 98x43              |                      |                     | 40              | 136             | 10,25               |                | MMS-RO-00094 |
|     | PU                    | 98x61,5            |                      |                     | 45              | 135             | 10,5                |                | 166TA6737    |
|     | PU                    | 99,6x40            |                      | M45                 | 25              | 266             |                     |                | MMS-RO-00095 |
|     | RB-NM                 | 100x25             |                      |                     | 40              | 122             | 10                  |                | 166TA6667    |

## CASTORS

| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|
|     | PU                    | 100x33             |                      |                     | 42              | 130             | 12,4                |                | MMS-RO-00096 |
|     | NY                    | 150x40             |                      |                     | 50              | 190             | 17,5                |                | MMS-RO-00097 |
|     | NY                    | 160x50             |                      |                     | 45              | 195             | 20                  |                | MMS-RO-00098 |
|     | PU                    | 200x50             |                      | 3/4 UNC             |                 | 282             |                     |                | MMS-RO-00099 |
|     | PU-soft               | 200x50             |                      |                     | 45              | 243,5           | 19,4                |                | MMS-RO-00100 |

## CASTORS



| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|-----|
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|-----|

### TOP BEARING - LIGHT VERSION



RB

50x18

125

MMS-RO-00101



PU

100x40

30

208

MMS-RO-00102



PU

100x40

25

MMS-RO-00103



PU

100x40

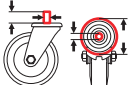
30

210

10

MMS-RO-00104

## CASTORS

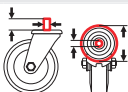
|                                                                                     |     |  |  |  |                           |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 27                                                                                 | 257                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00105 |
|   | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 35                                                                                 | 175                                                                                 |                                                                                     |                                                                                     | MMS-RO-00106 |
|  | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 33                                                                                 | 155                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00107 |
|  | PU  | 100x50                                                                            |                                                                                   |                                                                                   |                           |                                                                                    | 146                                                                                 | 9                                                                                   |                                                                                     | MMS-RO-00108 |
|  | VU  | 122x60                                                                            |                                                                                   |                                                                                   |                           | 37                                                                                 |                                                                                     | 10                                                                                  |                                                                                     | MMS-RO-00109 |

## CASTORS



|                                                                                     | Mat | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Colour<br>damping | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|--------------|
|    | PU  | 125x40                      |                          |                            |                           | 45                 | 265                   |                           |                   | MMS-RO-00110 |
|   | PU  | 125x40                      |                          |                            |                           | 29                 | 266                   |                           | brown             | MMS-RO-00111 |
|  | PU  | 125x40                      |                          |                            |                           | 24                 | 216                   |                           | grey              | MMS-RO-00112 |
|  | PU  | 125x50                      |                          |                            |                           | 32                 | 175                   | 11                        |                   | MMS-RO-00113 |
|  | VU  | 125x50                      | 135x111                  |                            |                           | 25                 | 192                   | 11                        |                   | MMS-RO-00114 |

## CASTORS

|                                                                                     |     |  |  |  |                     |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width wheels mm                                                             | L x W top plate mm                                                                | Dia x Height stem mm                                                              | Type of thread stem | Eccentricity mm                                                                    | Total height mm                                                                     | Dia bolt hole(s) mm                                                                 | Colour damping                                                                      | REF          |
|    | PU  | 125x54                                                                            |                                                                                   |                                                                                   |                     | 25                                                                                 | 170                                                                                 |                                                                                     |                                                                                     | MMS-RO-00115 |
|   | VU  | 140x50                                                                            |                                                                                   | 85x49                                                                             |                     | 28                                                                                 | 216                                                                                 |                                                                                     |                                                                                     | MMS-RO-00116 |
|  | VU  | 140x54                                                                            |                                                                                   | 85x59,5                                                                           |                     | 28                                                                                 | 226                                                                                 |                                                                                     |                                                                                     | MMS-RO-00117 |
|  | PU  | 140x54                                                                            |                                                                                   | 85x60                                                                             |                     | 38                                                                                 | 230                                                                                 |                                                                                     |                                                                                     | MMS-RO-00118 |
|  | PU  | 140x54                                                                            |                                                                                   | 120                                                                               |                     | 30                                                                                 | 230                                                                                 | 12                                                                                  |                                                                                     | MMS-RO-00119 |

## CASTORS

| Mat                                                                                 | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF          |
|-------------------------------------------------------------------------------------|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|--------------|
|    | VU                    | 150x48             | 120x120              |                     | 34              | 150             | 10                  |                | MMS-RO-00120 |
|   | PU                    | 150x48             |                      |                     | 40              | 223             |                     |                | MMS-RO-00121 |
|  | PU                    | 150x48             | 50x79                |                     | 37              | 328             |                     |                | MMS-RO-00122 |
|  | PU                    | 150x50             |                      |                     | 40              | 170             |                     |                | MMS-RO-00123 |
|  | PU                    | 150x50             | 135x110              |                     |                 | 225             | 11                  |                | MMS-RO-00124 |



CASTORS



| Mat | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Colour<br>damping | REF |
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|

FIXED STEM - LIGHT VERSION



|    |       |  |  |     |    |     |  |  |           |
|----|-------|--|--|-----|----|-----|--|--|-----------|
| PU | 76x35 |  |  | M12 | 35 | 155 |  |  | 166TA6747 |
|----|-------|--|--|-----|----|-----|--|--|-----------|



|    |       |  |  |  |      |     |  |  |              |
|----|-------|--|--|--|------|-----|--|--|--------------|
| PU | 90x50 |  |  |  | 20,3 | 161 |  |  | MMS-RO-00125 |
|----|-------|--|--|--|------|-----|--|--|--------------|

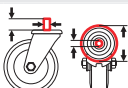


|    |        |  |  |  |    |     |  |  |              |
|----|--------|--|--|--|----|-----|--|--|--------------|
| PU | 100x40 |  |  |  | 30 | 160 |  |  | MMS-RO-00126 |
|----|--------|--|--|--|----|-----|--|--|--------------|



|    |        |  |  |     |    |     |  |  |              |
|----|--------|--|--|-----|----|-----|--|--|--------------|
| PU | 100x40 |  |  | M16 | 30 | 160 |  |  | MMS-RO-00127 |
|----|--------|--|--|-----|----|-----|--|--|--------------|

## CASTORS

|                                                                                     |     |  |  |  |                           |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | PU  | 100x40                                                                            |                                                                                   |                                                                                   |                           | 29                                                                                 | 180                                                                                 |                                                                                     | grey                                                                                | MMS-RO-00128 |
|   | PU  | 125x40                                                                            |                                                                                   |                                                                                   |                           | 29                                                                                 | 219                                                                                 |                                                                                     | brown                                                                               | MMS-RO-00129 |
|  | PU  | 125x40                                                                            |                                                                                   |                                                                                   |                           | 25                                                                                 | 362                                                                                 |                                                                                     | green                                                                               | MMS-RO-00130 |
|  | PU  | 125x40                                                                            |                                                                                   |                                                                                   |                           | 25                                                                                 | 362                                                                                 |                                                                                     | red                                                                                 | MMS-RO-00131 |
|  | PU  | 140x54                                                                            |                                                                                   | 72x60                                                                             |                           | 26                                                                                 | 240                                                                                 | 12                                                                                  |                                                                                     | MMS-RO-00132 |

CASTORS



| Mat | Dia x width<br>wheels<br>mm | L x W<br>top plate<br>mm | Dia x Height<br>stem<br>mm | Type of<br>thread<br>stem | Eccentricity<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Colour<br>damping | REF |
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|
|-----|-----------------------------|--------------------------|----------------------------|---------------------------|--------------------|-----------------------|---------------------------|-------------------|-----|



|    |        |  |       |  |    |     |  |  |              |
|----|--------|--|-------|--|----|-----|--|--|--------------|
| PU | 140x54 |  | 40x53 |  | 30 | 218 |  |  | MMS-RO-00133 |
|----|--------|--|-------|--|----|-----|--|--|--------------|



|    |        |  |       |  |    |     |  |  |              |
|----|--------|--|-------|--|----|-----|--|--|--------------|
| PU | 140x57 |  | 40x47 |  | 25 | 202 |  |  | MMS-RO-00134 |
|----|--------|--|-------|--|----|-----|--|--|--------------|

DOUBLE WHEELS - LIGHT VERSION



|    |        |  |  |  |    |  |    |  |              |
|----|--------|--|--|--|----|--|----|--|--------------|
| PU | 140x54 |  |  |  | 18 |  | 10 |  | MMS-RO-00135 |
|----|--------|--|--|--|----|--|----|--|--------------|



|    |        |         |  |  |    |     |    |  |              |
|----|--------|---------|--|--|----|-----|----|--|--------------|
| PU | 150x48 | 150x100 |  |  | 52 | 210 | 14 |  | MMS-RO-00136 |
|----|--------|---------|--|--|----|-----|----|--|--------------|

## CASTORS



| Mat | Dia x width wheels mm | L x W top plate mm | Dia x Height stem mm | Type of thread stem | Eccentricity mm | Total height mm | Dia bolt hole(s) mm | Colour damping | REF |
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|-----|
|-----|-----------------------|--------------------|----------------------|---------------------|-----------------|-----------------|---------------------|----------------|-----|

### SPECIAL - LIGHT VERSION



PU

50x22,5

72x33,5

182,5

7

MMS-RO-00137



NY

54x25

127x49,5

M8

62

128

8,8

MMS-RO-00138



PU

125x57

22

189

11

MMS-RO-00139



PU

140x54

202,5x187,5 83x67

43

262

8,5

MMS-RO-00140

## CASTORS

|                                                                                     |         |  |  |  |                           |  |  |  |  |              |
|-------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat     | Dia x width<br>wheels<br>mm                                                       | L x W<br>top plate<br>mm                                                          | Dia x Height<br>stem<br>mm                                                        | Type of<br>thread<br>stem | Eccentricity<br>mm                                                                 | Total<br>height<br>mm                                                               | Dia bolt<br>hole(s)<br>mm                                                           | Colour<br>damping                                                                   | REF          |
|    | VU      | 148x54                                                                            | 130x120                                                                           |                                                                                   |                           | 23                                                                                 | 212                                                                                 | 11                                                                                  |                                                                                     | MMS-RO-00141 |
|   | PU      | 150x50                                                                            | 140x140                                                                           |                                                                                   |                           | 25                                                                                 | 220                                                                                 | 10                                                                                  |                                                                                     | MMS-RO-00142 |
|  | PU-soft | 150x56,5                                                                          |                                                                                   |                                                                                   |                           | 45                                                                                 | 208                                                                                 | 8,5                                                                                 |                                                                                     | MMS-RO-00143 |
|  | VU      | 150x60                                                                            | 150x150                                                                           |                                                                                   |                           | 35                                                                                 | 330                                                                                 | 12                                                                                  |                                                                                     | MMS-RO-00144 |

## CASTORS

### STEEL PLATE CASTOR WITH NYLON RIM AND RUBBER NON MARKING WHEELS

|                                                                                   | Dia wheel<br>mm | Width<br>mm | Top plate<br>dimensions<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-----------------------------------------------------------------------------------|-----------------|-------------|-------------------------------|-----------------------|---------------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 50              | 19          | 60x60                         | 69                    | 6,3                       | 40        | MMS-RO-00145            | MMS-RO-00146                       | MMS-RO-00147           |
|                                                                                   | 75              | 25          | 60x60                         | 100                   | 6,3                       | 75        | MMS-RO-00148            | MMS-RO-00149                       | MMS-RO-00150           |
|                                                                                   | 100             | 32          | 77x67                         | 135                   | 8,5                       | 80        | MMS-RO-00151            | MMS-RO-00152                       | MMS-RO-00153           |
|                                                                                   | 125             | 32          | 77x67                         | 165                   | 8,5                       | 100       | MMS-RO-00154            | MMS-RO-00155                       | MMS-RO-00156           |
|                                                                                   | 100             | 34          | 105x85                        | 128                   | 9                         | 160       | MMS-RO-00157            | MMS-RO-00158                       | MMS-RO-00159           |
|                                                                                   | 125             | 40          | 105x85                        | 155                   | 9                         | 250       | MMS-RO-00160            | MMS-RO-00161                       | MMS-RO-00162           |
|                                                                                   | 160             | 46          | 137x105                       | 200                   | 11                        | 300       | MMS-RO-00163            | MMS-RO-00164                       | MMS-RO-00165           |
|                                                                                   | 200             | 46          | 137x105                       | 240                   | 11                        | 400       | MMS-RO-00166            | MMS-RO-00167                       | MMS-RO-00168           |

### STEEL PLATE CASTOR WITH NYLON WHEEL

|                                                                                    | Dia wheel<br>mm | Width<br>mm | Top plate<br>dimensions<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|------------------------------------------------------------------------------------|-----------------|-------------|-------------------------------|-----------------------|---------------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 80              | 34          | 105x85                        | 108                   | 9                         | 200       | MMS-RO-00169            | MMS-RO-00170                       | MMS-RO-00171           |
|                                                                                    | 100             | 36          | 105x85                        | 128                   | 9                         | 200       | MMS-RO-00172            | MMS-RO-00173                       | MMS-RO-00174           |
|                                                                                    | 125             | 40          | 105x85                        | 155                   | 9                         | 250       | MMS-RO-00175            | MMS-RO-00176                       | MMS-RO-00177           |
|                                                                                    | 160             | 40          | 137x105                       | 200                   | 11                        | 350       | MMS-RO-00178            | MMS-RO-00179                       | MMS-RO-00180           |
|                                                                                    | 200             | 50          | 137x105                       | 240                   | 11                        | 350       | MMS-RO-00181            | MMS-RO-00182                       | MMS-RO-00183           |

### STEEL PLATE CASTOR WITH NYLON WHEEL

|                                                                                     | Dia wheel<br>mm | Width<br>mm | Top plate<br>dimensions<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-------------------------------------------------------------------------------------|-----------------|-------------|-------------------------------|-----------------------|---------------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 80              | 35          | 105x85                        | 108                   | 9                         | 70        | MMS-RO-00184            | MMS-RO-00185                       | MMS-RO-00186           |
|                                                                                     | 100             | 35          | 105x85                        | 128                   | 9                         | 75        | MMS-RO-00187            | MMS-RO-00188                       | MMS-RO-00189           |
|                                                                                     | 125             | 37          | 105x85                        | 155                   | 9                         | 100       | MMS-RO-00190            | MMS-RO-00191                       | MMS-RO-00192           |
|                                                                                     | 160             | 40          | 137x105                       | 200                   | 11                        | 135       | MMS-RO-00193            | MMS-RO-00194                       | MMS-RO-00195           |
|                                                                                     | 200             | 50          | 137x105                       | 240                   | 11                        | 200       | MMS-RO-00196            |                                    | MMS-RO-00197           |
|                                                                                     | 125             | 50          | 137x105                       | 161                   | 11                        | 300       | MMS-RO-00198            | MMS-RO-00199                       | MMS-RO-00200           |
|                                                                                     | 160             | 50          | 137x105                       | 200                   | 11                        | 350       | MMS-RO-00201            | MMS-RO-00202                       | MMS-RO-00203           |

### STEEL PLATE WITH POLYURETHANE ON ALUMINIUM RIM

|                                                                                     | Dia wheel<br>mm | Width<br>mm | Top plate<br>dimensions<br>mm | Total<br>height<br>mm | Dia bolt<br>hole(s)<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-------------------------------------------------------------------------------------|-----------------|-------------|-------------------------------|-----------------------|---------------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 100             | 40          | 105x85                        | 128                   | 9                         | 250       |                         |                                    | MMS-RO-00204           |
|                                                                                     | 125             | 30          | 105x85                        | 155                   | 9                         | 250       | MMS-RO-00205            | MMS-RO-00206                       | MMS-RO-00207           |
|                                                                                     | 160             | 50          | 137x105                       | 200                   | 11                        | 350       | MMS-RO-00208            | MMS-RO-00209                       | MMS-RO-00210           |
|                                                                                     | 200             | 50          | 137x105                       | 240                   | 11                        | 350       | MMS-RO-00211            | MMS-RO-00212                       | MMS-RO-00213           |

## UNIVERSAL CASTORS

### MEDIUM WEIGHT CASTORS WITH RUBBER WHEELS AND STEELPLATED RIMS

|                                                                                   | Dia wheel<br>mm | Width<br>mm | Height<br>mm | Top plate<br>dimensions<br>mm | Bolt hole<br>spacing<br>mm | Hole<br>dia<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-----------------------------------------------------------------------------------|-----------------|-------------|--------------|-------------------------------|----------------------------|-------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 125             | 37,5        | 160          | 135x110                       | 105x80                     | 10                | 130       | MMS-RO-00214            | MMS-RO-00215                       | MMS-RO-00216           |
|                                                                                   | 140             | 37,5        | 176          | 100x85                        | 80x60                      | 9                 | 150       | MMS-RO-00217            | MMS-RO-00218                       | MMS-RO-00219           |
|                                                                                   | 150             | 40          | 181          | 135x110                       | 105x80                     | 11,5              | 170       | MMS-RO-00220            | MMS-RO-00221                       | MMS-RO-00222           |
|                                                                                   | 160             | 40          | 199          | 140x110                       | 105x80                     | 11                | 180       | MMS-RO-00223            | MMS-RO-00224                       | MMS-RO-00225           |
|                                                                                   | 180             | 45          | 219          | 140x110                       | 105x80                     | 11                | 200       | MMS-RO-00226            | MMS-RO-00227                       | MMS-RO-00228           |
|                                                                                   | 200             | 50          | 240          | 135x110                       | 105x80                     | 11,5              | 230       | MMS-RO-00229            | MMS-RO-00230                       | MMS-RO-00231           |
|                                                                                   | 250             | 60          | 296          | 200x160                       | 160x120                    | 14                | 300       | MMS-RO-00232            |                                    | MMS-RO-00233           |
|                                                                                   | 280             | 60          | 311          | 200x160                       | 160x120                    | 14                | 390       | MMS-RO-00234            |                                    | MMS-RO-00235           |

### HEAVY WEIGHT CASTORS WITH RUBBER WHEELS AND ALUMINIUM RIMS

|                                                                                    | Dia wheel<br>mm | Width<br>mm | Height<br>mm | Top plate<br>dimensions<br>mm | Bolt hole<br>spacing<br>mm | Hole<br>dia<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|------------------------------------------------------------------------------------|-----------------|-------------|--------------|-------------------------------|----------------------------|-------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 100             | 40          | 128          | 100x85                        | 80x60                      | 9                 | 180       | MMS-RO-00236            | MMS-RO-00237                       | MMS-RO-00238           |
|                                                                                    | 125             | 50          | 165          | 140x110                       | 105x80                     | 11                | 220       | MMS-RO-00239            | MMS-RO-00240                       | MMS-RO-00241           |
|                                                                                    | 160             | 50          | 207          | 135x110                       | 105x80                     | 12                | 300       | MMS-RO-00242            | MMS-RO-00243                       | MMS-RO-00244           |
|                                                                                    | 180             | 50          | 240          | 135x110                       | 105x80                     | 12                | 350       | MMS-RO-00245            | MMS-RO-00246                       | MMS-RO-00247           |
|                                                                                    | 200             | 50          | 250          | 135x110                       | 105x80                     | 12                | 450       | 107TA3316               | MMS-RO-00248                       | MMS-RO-00249           |
|                                                                                    | 230             | 50          | 295          | 135x110                       | 105x80                     | 12                | 500       | MMS-RO-00250            | MMS-RO-00251                       | MMS-RO-00252           |
|                                                                                    | 250             | 60          | 307          | 200x160                       | 160x120                    | 15                | 600       | MMS-RO-00253            |                                    | MMS-RO-00254           |

### HEAVY WEIGHT CASTORS WITH NYLON (POLYAMIDE) WHEELS

|                                                                                     | Dia wheel<br>mm | Width<br>mm | Height<br>mm | Top plate<br>dimensions<br>mm | Bolt hole<br>spacing<br>mm | Hole<br>dia<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-------------------------------------------------------------------------------------|-----------------|-------------|--------------|-------------------------------|----------------------------|-------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 80              | 30          | 107          | 100x85                        | 80x60                      | 9                 | 180       | MMS-RO-00255            | MMS-RO-00256                       | MMS-RO-00257           |
|                                                                                     | 100             | 30          | 128          | 100x85                        | 80x60                      | 9                 | 200       | MMS-RO-00258            | MMS-RO-00259                       | MMS-RO-00260           |
|                                                                                     | 100             | 37          | 137          | 105x85                        | 80x60                      | 8                 | 300       | MMS-RO-00261            | MMS-RO-00262                       | MMS-RO-00263           |
|                                                                                     | 125             | 38          | 156          | 100x85                        | 80x60                      | 9                 | 220       | MMS-RO-00264            | MMS-RO-00265                       | MMS-RO-00266           |
|                                                                                     | 125             | 40          | 163          | 135x110                       | 105x80                     | 10                | 300       | MMS-RO-00267            | MMS-RO-00268                       | MMS-RO-00269           |
|                                                                                     | 125             | 45          | 170          | 140x110                       | 105x80                     | 11                | 650       | MMS-RO-00270            |                                    | MMS-RO-00271           |
|                                                                                     | 150             | 40          | 195          | 135x110                       | 105x80                     | 10                | 400       | MMS-RO-00272            | MMS-RO-00273                       | MMS-RO-00274           |
|                                                                                     | 150             | 48          | 203          | 135x110                       | 105x80                     | 12                | 850       | MMS-RO-00275            | MMS-RO-00276                       | MMS-RO-00277           |
|                                                                                     | 175             | 50          | 238          | 135x110                       | 105x80                     | 12                | 500       | MMS-RO-00278            | MMS-RO-00279                       | MMS-RO-00280           |
|                                                                                     | 200             | 50          | 250          | 135x110                       | 105x80                     | 12                | 600       | MMS-RO-00281            | MMS-RO-00282                       | MMS-RO-00283           |

### EXTRA HEAVY WEIGHT CASTORS WITH POLYURETHANE WHEELS, STEEL/CAST IRON RIMS

|                                                                                     | Dia wheel<br>mm | Width<br>mm | Height<br>mm | Top plate<br>dimensions<br>mm | Bolt hole<br>spacing<br>mm | Hole<br>dia<br>mm | Cap<br>kg | REF<br>Swivel<br>castor | REF<br>Swivel castor<br>with brake | REF<br>Fixed<br>castor |
|-------------------------------------------------------------------------------------|-----------------|-------------|--------------|-------------------------------|----------------------------|-------------------|-----------|-------------------------|------------------------------------|------------------------|
|  | 75              | 62          | 127          | 135x110                       | 105x80                     | 13                | 470       | MMS-RO-00284            |                                    | MMS-RO-00285           |
|                                                                                     | 82              | 70          | 131          | 135x110                       | 105x80                     | 12                | 700       | MMS-RO-00286            |                                    | MMS-RO-00287           |
|                                                                                     | 100             | 30          | 145          | 105x85                        | 80x60                      | 8                 | 300       | MMS-RO-00288            | MMS-RO-00289                       | MMS-RO-00290           |
|                                                                                     | 125             | 30          | 172          | 135x110                       | 105x80                     | 11,5              | 300       | MMS-RO-00291            | MMS-RO-00292                       | MMS-RO-00293           |
|                                                                                     | 125             | 40          | 172          | 135x110                       | 105x80                     | 10                | 400       | MMS-RO-00294            | MMS-RO-00295                       | MMS-RO-00296           |
|                                                                                     | 150             | 35          | 200          | 140x110                       | 105x80                     | 11                | 490       | MMS-RO-00297            | MMS-RO-00298                       | MMS-RO-00299           |
|                                                                                     | 150             | 50          | 202          | 135x110                       | 105x80                     | 12                | 700       | 107TA3333               | MMS-RO-00300                       | MMS-RO-00301           |
|                                                                                     | 175             | 35          | 225          | 140x110                       | 105x80                     | 11                | 650       | MMS-RO-00302            | MMS-RO-00303                       | MMS-RO-00304           |
|                                                                                     | 200             | 50          | 250          | 135x110                       | 105x80                     | 12                | 850       | MMS-RO-00305            | MMS-RO-00306                       | MMS-RO-00307           |
|                                                                                     | 250             | 50          | 307          | 200x160                       | 160x120                    | 14                | 1200      | MMS-RO-00308            | MMS-RO-00309                       | MMS-RO-00310           |
|                                                                                     | 250             | 60          | 307          | 200x160                       | 160x120                    | 14                | 1400      | MMS-RO-00311            | MMS-RO-00312                       | MMS-RO-00313           |
|                                                                                     | 300             | 70          | 350          | 200x160                       | 160x120                    | 14                | 1800      | MMS-RO-00314            | MMS-RO-00315                       | MMS-RO-00316           |
|                                                                                     | 300             | 100         | 380          | 255x205                       | 210x160                    | 16                | 2800      | MMS-RO-00317            | MMS-RO-00318                       | MMS-RO-00319           |

## NOTES

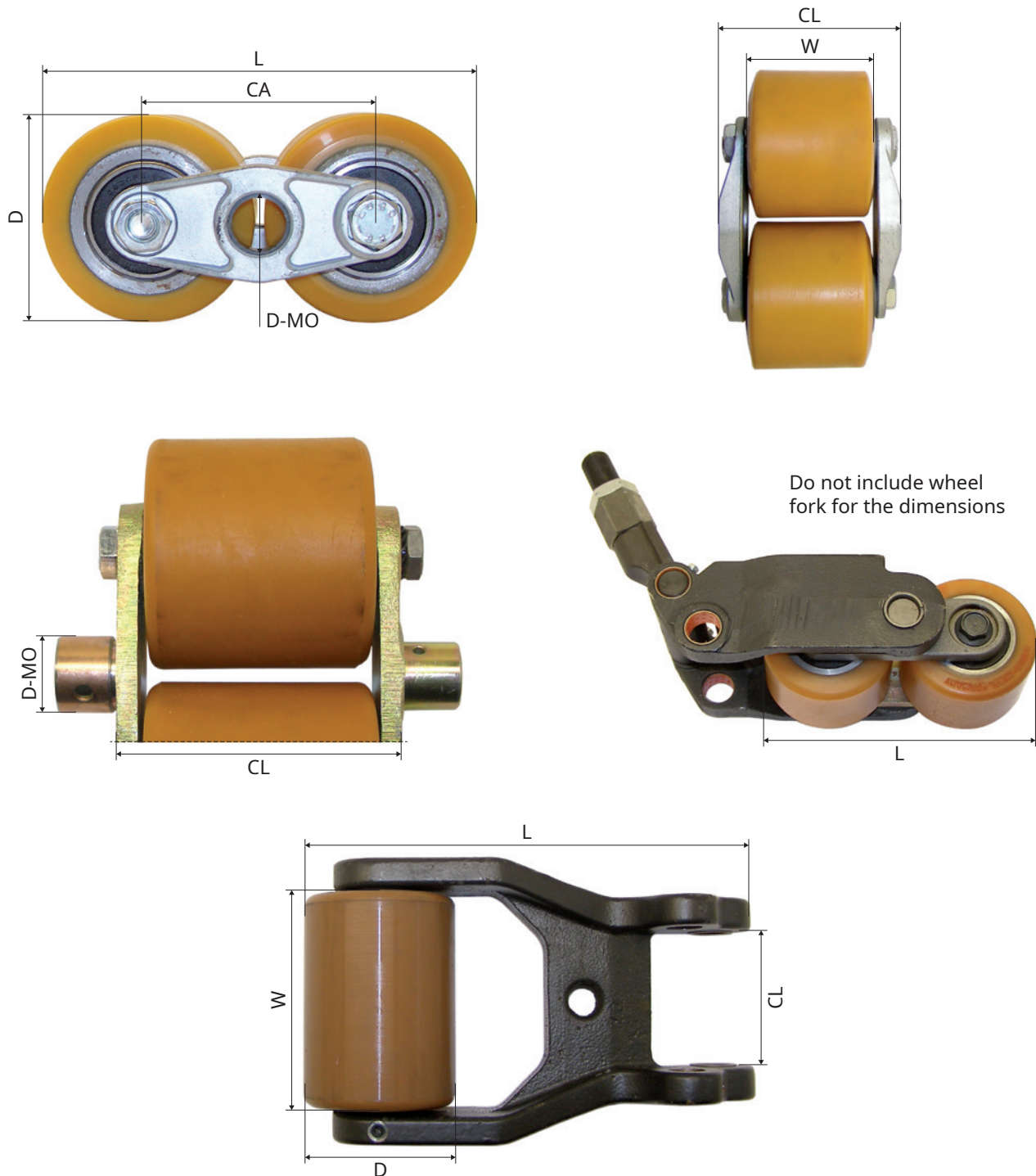








ROLLER ASSEMBLIES



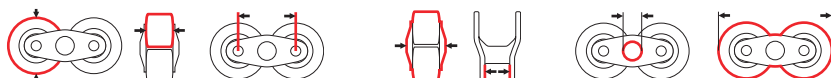
MATERIAL

|       |                       |
|-------|-----------------------|
| NY    | Nylon                 |
| PU    | Polyurethane          |
| VU    | Vulkollan®            |
| ST    | Steel                 |
| PU-PA | PU + Polyamide centre |

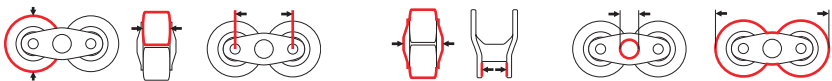
THE LIST IS SORTED PER

Diameter of the roller =  $D$   
Width of the roller =  $W$   
Distance =  $CA$   
Distance =  $CL$

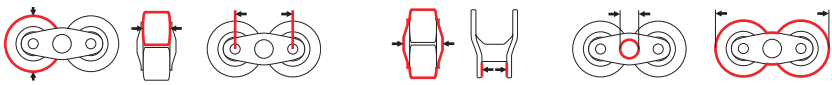
## ROLLER ASSEMBLIES

|                                                                                     |     |  |                                        |                          |                       |                       |              |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | NY  | 32x20                                                                              | 45                                     | 38                       | 16                    | 77                    | MMS-AG-00001 |
|   | NY  | 50x35                                                                              |                                        |                          |                       | 64                    | MMS-AG-00002 |
|  | RB  | 80x37                                                                              | 70                                     | 97,6                     | 8,5                   | 190                   | MMS-AG-00003 |
|  | NY  | 80x70                                                                              | 85                                     | 96                       | 20                    | 165                   | MMS-AG-00004 |
|  | NY  | 80x70                                                                              | 85                                     | 96                       | 20                    | 165                   | MMS-AG-00005 |

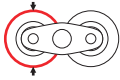
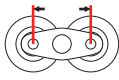
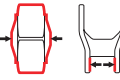
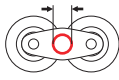
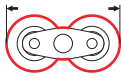
## ROLLER ASSEMBLIES

|                                                                                     |     |  |                                        |                          |                       |                       |              |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | PU  | 80x70                                                                              | 84                                     | 95                       | 20                    | 164                   | MMS-AG-00006 |
|   | VU  | 81x67                                                                              | 90                                     | 96                       | 20                    | 172                   | MMS-AG-00007 |
|  | VU  | 81,5x70                                                                            | 88                                     | 57,5                     |                       | 169,5                 | MMS-AG-00008 |
|  | NY  | 82x60                                                                              | 105                                    | 80,5                     | 16                    | 186                   | MMS-AG-00009 |
|  | PU  | 82x60                                                                              | 104                                    | 81                       | 16                    | 186                   | MMS-AG-00010 |

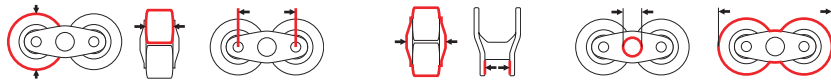
## ROLLER ASSEMBLIES

|                                                                                     |              |  |                                        |                          |                       |                       |              |
|-------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat          | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | PU           | 82x62                                                                              | 86                                     | 98                       | 20                    | 168                   | MMS-AG-00011 |
|   | VU           | 82x66                                                                              | 90                                     | 96                       | 20                    | 171                   | MMS-AG-00012 |
|  | PU-NY center | 82x66                                                                              | 90                                     | 96                       | 20                    | 170                   | MMS-AG-00013 |
|  | PU           | 82x70                                                                              | 110                                    | 102                      | 20                    | 192                   | MMS-AG-00014 |
|  | PU           | 82x70                                                                              | 90                                     | 94                       | 20                    | 172                   | MMS-AG-00015 |

## ROLLER ASSEMBLIES

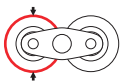
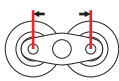
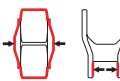
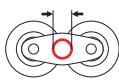
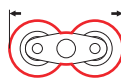
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|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | PU  | 82x70                                                                             | 110                                                                               | 103                                                                               |                                                                                    | 20                                                                                  | 192                                                                                 | MMS-AG-00016 |
|   | PU  | 82x70                                                                             | 94                                                                                | 57                                                                                |                                                                                    |                                                                                     | 176                                                                                 | MMS-AG-00017 |
|  | PU  | 82x70                                                                             | 95                                                                                | 57                                                                                |                                                                                    |                                                                                     | 176                                                                                 | MMS-AG-00018 |
|  | PU  | 82x75                                                                             | 95                                                                                | 98                                                                                |                                                                                    | 34                                                                                  | 177                                                                                 | MMS-AG-00019 |
|  | PU  | 82x100                                                                            |                                                                                   | 57                                                                                |                                                                                    |                                                                                     | 232                                                                                 | MMS-AG-00020 |

## ROLLER ASSEMBLIES

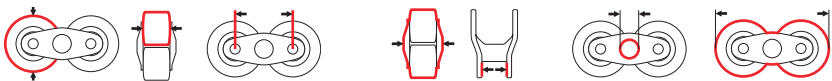
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|-------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | PU  | 82x100                                                                             |                                        | 57                       |                       | 214                   | MMS-AG-00021 |
|   | PU  | 82x100                                                                             |                                        | 67,5                     |                       | 203                   | MMS-AG-00022 |
|  | VU  | 84x60                                                                              | 89                                     | 50                       |                       | 173                   | MMS-AG-00023 |
|  | VU  | 84x60                                                                              | 94                                     | 46                       |                       | 178                   | MMS-AG-00024 |
|  | NY  | 84x73                                                                              | 114                                    | 100                      | 17                    | 198                   | MMS-AG-00025 |



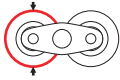
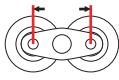
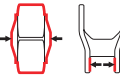
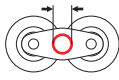
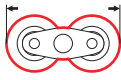
## ROLLER ASSEMBLIES

|                                                                                     |     |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | PU  | 84x75                                                                             | 125                                                                               | 97                                                                                |                                                                                    | 23                                                                                  | 208                                                                                 | MMS-AG-00026 |
|   | VU  | 84x75                                                                             | 90                                                                                | 70                                                                                |                                                                                    |                                                                                     | 175                                                                                 | MMS-AG-00027 |
|  | PU  | 84x75                                                                             | 96                                                                                | 46                                                                                |                                                                                    |                                                                                     | 179                                                                                 | MMS-AG-00028 |
|  | VU  | 84x75                                                                             | 93,5                                                                              | 47,7                                                                              |                                                                                    |                                                                                     | 284                                                                                 | MMS-AG-00029 |
|  | PU  | 84x80                                                                             | 90                                                                                | 100,5                                                                             |                                                                                    | 25                                                                                  | 174                                                                                 | MMS-AG-00030 |

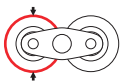
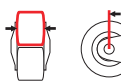
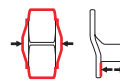
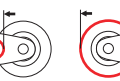
## ROLLER ASSEMBLIES

|                                                                                     |     |  |                                        |                          |                       |                       |              |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | PU  | 84x80                                                                              | 91                                     | 100                      | 25                    | 174                   | MMS-AG-00031 |
|   | PU  | 84x80                                                                              | 90                                     | 66                       |                       | 174                   | MMS-AG-00032 |
|  | PU  | 84x100                                                                             |                                        | 42                       |                       | 200                   | MMS-AG-00033 |
|  | VU  | 84x100                                                                             |                                        | 51                       |                       | 201                   | MMS-AG-00034 |
|  | VU  | 84x105                                                                             |                                        | 51                       |                       | 200                   | MMS-AG-00035 |

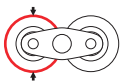
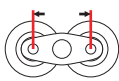
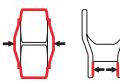
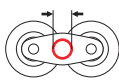
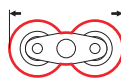
## ROLLER ASSEMBLIES

|                                                                                     |     |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | VU  | 84x107                                                                            |                                                                                   | 48                                                                                |                                                                                    |                                                                                     | 199                                                                                 | MMS-AG-00036 |
|   | PU  | 85x60                                                                             | 90                                                                                | 80                                                                                |                                                                                    | 25                                                                                  | 173                                                                                 | MMS-AG-00037 |
|  | VU  | 85x60                                                                             | 88,5                                                                              | 63                                                                                |                                                                                    |                                                                                     | 175                                                                                 | MMS-AG-00038 |
|  | PU  | 85x60                                                                             | 95                                                                                | 80,5                                                                              |                                                                                    |                                                                                     | 175                                                                                 | MMS-AG-00039 |
|  | NY  | 85x66                                                                             | 90                                                                                | 97                                                                                |                                                                                    | 20                                                                                  | 173                                                                                 | MMS-AG-00040 |

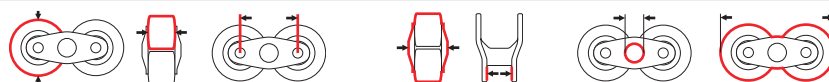
## ROLLER ASSEMBLIES

|                                                                                     |     |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | PU  | 85x73                                                                             | 95                                                                                | 102                                                                               |                                                                                    | 18                                                                                  | 179                                                                                 | MMS-AG-00041 |
|   | VU  | 85x74                                                                             | 100                                                                               | 70                                                                                |                                                                                    |                                                                                     | 250                                                                                 | MMS-AG-00042 |
|  | PU  | 85x75                                                                             | 114                                                                               | 101                                                                               |                                                                                    | 17,2                                                                                | 198                                                                                 | MMS-AG-00043 |
|  | VU  | 85x75                                                                             | 95                                                                                | 98                                                                                |                                                                                    | 25                                                                                  | 179                                                                                 | MMS-AG-00044 |
|  | PU  | 85x75                                                                             | 94                                                                                | 48,8                                                                              |                                                                                    |                                                                                     | 280,8                                                                               | MMS-AG-00045 |

## ROLLER ASSEMBLIES

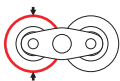
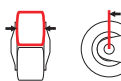
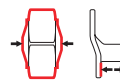
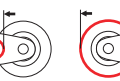
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|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | PU  | 85x80                                                                             | 90                                                                                | 48                                                                                |                                                                                    |                                                                                     | 175                                                                                 | MMS-AG-00046 |
|   | PU  | 85x80                                                                             | 89                                                                                | 50                                                                                |                                                                                    |                                                                                     | 174                                                                                 | MMS-AG-00047 |
|  | PU  | 85x80                                                                             | 89                                                                                | 48                                                                                |                                                                                    |                                                                                     | 174                                                                                 | MMS-AG-00048 |
|  | PU  | 85x85                                                                             | 130                                                                               | 111                                                                               |                                                                                    | 25                                                                                  | 215                                                                                 | MMS-AG-00049 |
|  | VU  | 85x85                                                                             | 130                                                                               | 114                                                                               |                                                                                    | 25                                                                                  | 214                                                                                 | MMS-AG-00050 |

## ROLLER ASSEMBLIES

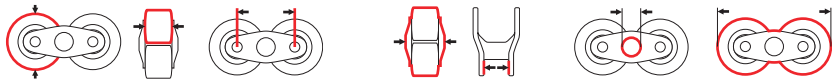


|                                                                                     | Mat | Dia x width<br>wheels<br>mm | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|-------------------------------------------------------------------------------------|-----|-----------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|    | VU  | 85x85                       | 95                                     | 56                       |                       | 178                   | MMS-AG-00051 |
|   | VU  | 85x85                       | 95                                     | 48                       |                       | 180                   | MMS-AG-00052 |
|  | PU  | 85x85                       | 95                                     | 48                       |                       | 180                   | MMS-AG-00053 |
|  | PU  | 85x85                       | 94                                     | 56                       |                       | 178                   | MMS-AG-00054 |
|  | PU  | 85x95                       |                                        | 51                       |                       | 215                   | MMS-AG-00055 |

## ROLLER ASSEMBLIES

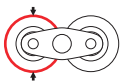
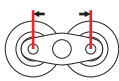
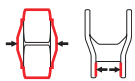
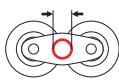
|                                                                                     |     |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          |                                                                                    | Dia<br>mounting<br>mm                                                               | Total<br>length<br>mm                                                               | REF          |
|    | PU  | 85x100                                                                            |                                                                                   | 71                                                                                |                                                                                    |                                                                                     | 200                                                                                 | MMS-AG-00056 |
|   | VU  | 85x100                                                                            |                                                                                   | 58                                                                                |                                                                                    |                                                                                     | 214                                                                                 | MMS-AG-00057 |
|  | VU  | 85x105                                                                            |                                                                                   | 50,5                                                                              |                                                                                    |                                                                                     | 202                                                                                 | MMS-AG-00058 |
|  | PU  | 85x105                                                                            |                                                                                   | 60                                                                                |                                                                                    |                                                                                     | 203                                                                                 | MMS-AG-00059 |
|  | PU  | 85x110                                                                            |                                                                                   | 58                                                                                |                                                                                    |                                                                                     | 214                                                                                 | MMS-AG-00060 |

## ROLLER ASSEMBLIES

|                                                                                     |     |  |                                        |                          |                       |                       |              |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|-----------------------|-----------------------|--------------|
|                                                                                     | Mat | Dia x width<br>wheels<br>mm                                                        | Center distance<br>roller shafts<br>mm | Clamping<br>length<br>mm | Dia<br>mounting<br>mm | Total<br>length<br>mm | REF          |
|    | VU  | 85x110                                                                             |                                        | 48                       |                       | 235                   | MMS-AG-00061 |
|   | VU  | 85x110                                                                             |                                        | 57                       |                       | 241                   | MMS-AG-00062 |
|  | PU  | 85x110                                                                             |                                        | 55                       |                       | 215                   | MMS-AG-00063 |
|  | VU  | 85x110                                                                             |                                        | 55                       |                       | 215                   | MMS-AG-00064 |
|  | VU  | 85x110                                                                             |                                        | 55                       |                       | 215                   | MMS-AG-00065 |



ROLLER ASSEMBLIES

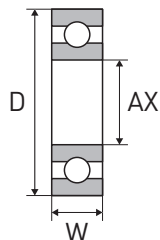
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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
| Mat                                                                               | Dia x width<br>wheels<br>mm                                                       | Center distance<br>roller shafts<br>mm                                            | Clamping<br>length<br>mm                                                          | Dia<br>mounting<br>mm                                                              | Total<br>length<br>mm                                                               | REF          |
|  | PU                                                                                | 86x80                                                                             | 89                                                                                | 60                                                                                 | 174                                                                                 | MMS-AG-00066 |

## NOTES





## COMMONLY USED BEARINGS



### STANDARD BEARING

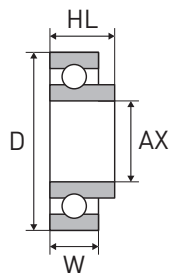


### INOX BEARING



Prefix 'S' or suffix 'SS'

### CUP & CONE BEARING



### ZV BEARING



### SPECIAL BEARING (USED FOR BT)



Outer diameter: D  
= diameter bearing seat

Width: W

Hub length: HL

Inner diameter: AX

## STANDARD BEARINGS

| Bearing        | D  | W  | HL | AX | REF          |
|----------------|----|----|----|----|--------------|
| <b>Ø 32 mm</b> |    |    |    |    |              |
| 6201-2RS       | 32 | 10 | 10 | 12 | MMS-RL-00001 |
| 6002-2RS       | 32 | 9  | 9  | 15 | MMS-RL-00003 |
| <b>Ø 35 mm</b> |    |    |    |    |              |
| 6202-2RS       | 35 | 11 | 11 | 15 | MMS-RL-00005 |
| 6003-2RS       | 35 | 10 | 10 | 17 | MMS-RL-00007 |
| <b>Ø 37 mm</b> |    |    |    |    |              |
| 6301-2RS       | 37 | 12 | 12 | 12 | MMS-RL-00009 |
| <b>Ø 40 mm</b> |    |    |    |    |              |
| 6203-2RS       | 40 | 12 | 12 | 17 | MMS-RL-00012 |
| <b>Ø 42 mm</b> |    |    |    |    |              |
| 6302-RS        | 42 | 13 | 13 | 15 | MMS-RL-00014 |
| 22053          | 42 | 14 | 19 | 17 | MMS-RL-00016 |
| 6004-2RS       | 42 | 12 | 12 | 20 | MMS-RL-00018 |
| <b>Ø 47 mm</b> |    |    |    |    |              |
| 6303-2RS       | 47 | 14 | 14 | 17 | MMS-RL-00020 |
| 6204-2RS       | 47 | 14 | 14 | 20 | MMS-RL-00022 |
| 6005-2RS       | 47 | 12 | 12 | 25 | MMS-RL-00023 |
| <b>Ø 52 mm</b> |    |    |    |    |              |
| 6304-2RS       | 52 | 15 | 15 | 20 | MMS-RL-00026 |
| 6205-2RS       | 52 | 15 | 15 | 25 | MMS-RL-00028 |
| <b>Ø 55 mm</b> |    |    |    |    |              |
| 6006-2RS       | 55 | 13 | 13 | 30 | MMS-RL-00029 |
| <b>Ø 62 mm</b> |    |    |    |    |              |
| 6305-2RS       | 62 | 17 | 17 | 25 | MMS-RL-00030 |
| 6206-2RS       | 62 | 16 | 16 | 30 | MMS-RL-00031 |
| 6007-2RS       | 62 | 14 | 14 | 35 | MMS-RL-00032 |
| 6908-2RS       | 62 | 12 | 12 | 40 | MMS-RL-00033 |

| Bearing         | D   | W    | HL   | AX | REF          |
|-----------------|-----|------|------|----|--------------|
| <b>Ø 72 mm</b>  |     |      |      |    |              |
| 6306-2RS        | 72  | 19   | 19   | 30 | MMS-RL-00002 |
| 6207-2RS        | 72  | 17   | 17   | 35 | MMS-RL-00004 |
| <b>Ø 75 mm</b>  |     |      |      |    |              |
| 6009-2RS        | 75  | 16   | 16   | 45 | MMS-RL-00006 |
| <b>Ø 80 mm</b>  |     |      |      |    |              |
| 6307-2RS        | 80  | 21   | 21   | 35 | MMS-RL-00008 |
| 6208-2RS        | 80  | 18   | 18   | 40 | MMS-RL-00010 |
| 32010-          | 80  | 15,4 | 20,6 | 50 | MMS-RL-00011 |
| 6010-2RS        | 80  | 16   | 16   | 50 | MMS-RL-00013 |
| <b>Ø 85 mm</b>  |     |      |      |    |              |
| 3020-JR         | 85  | 16   | 22   | 45 | MMS-RL-00015 |
| 6209-2RS        | 85  | 19   | 19   | 45 | MMS-RL-00017 |
| <b>Ø 90 mm</b>  |     |      |      |    |              |
| 6308-2RS        | 90  | 23   | 23   | 40 | MMS-RL-00019 |
| 6210-2RS        | 90  | 20   | 20   | 50 | MMS-RL-00021 |
| <b>Ø 100 mm</b> |     |      |      |    |              |
| 6407-           | 100 | 25   | 25   | 35 | MMS-RL-00024 |
| 6309-ZZ         | 100 | 25   | 25   | 45 | MMS-RL-00025 |
| 6211-2RS        | 100 | 21   | 21   | 55 | MMS-RL-00027 |

All dimensions are in mm.

**STAINLESS STEEL BEARINGS**

| Bearing        | D  | W  | HL | AX | REF          |
|----------------|----|----|----|----|--------------|
| <b>Ø 47 mm</b> |    |    |    |    |              |
| 6303-2RS(SS)   | 47 | 14 | 14 | 17 | MMS-RL-00034 |
| 6204-ZZ(SS)    | 47 | 14 | 14 | 20 | MMS-RL-00035 |
| 6005-RS(SS)    | 47 | 12 | 12 | 25 | MMS-RL-00036 |
| <b>Ø 52 mm</b> |    |    |    |    |              |
| 6304-2RS(SS)   | 52 | 15 | 15 | 20 | MMS-RL-00037 |
| 6205-ZZ(SS)    | 52 | 15 | 15 | 25 | MMS-RL-00038 |

**ZV BEARINGS**

| Bearing        | D  | W  | HL | AX | REF          |
|----------------|----|----|----|----|--------------|
| <b>Ø 47 mm</b> |    |    |    |    |              |
| 6303-ZV        | 47 | 14 | 17 | 17 | MMS-RL-00039 |
| 6204-ZV        | 47 | 14 | 17 | 20 | MMS-RL-00040 |
| 6204-ZV-12/15  | 47 | 12 | 15 | 20 | MMS-RL-00041 |
| 6005-ZV        | 47 | 12 | 15 | 25 | MMS-RL-00042 |
| <b>Ø 52 mm</b> |    |    |    |    |              |
| 6205-ZV        | 52 | 15 | 18 | 25 | MMS-RL-00043 |

**SPECIAL BEARING (USED FOR BT)**

| Bearing        | D  | W  | HL | AX | REF       |
|----------------|----|----|----|----|-----------|
| <b>Ø 42 mm</b> |    |    |    |    |           |
| 22053          | 42 | 14 | 19 | 17 | 106TA6785 |









## 4 PCS CIRCLIPS PLIERS SET



Set of 4 common precision circlips pliers for the highest requirements

- Attractive sales packaging with Euro standard perforation
- Sturdy plastic packaging, also suitable for storage of the pliers

Contains

- Precision circlips pliers to assemble internal circlips into bores – straight tip, Ø 12–25 mm
- Precision circlips pliers to assemble internal circlips into bores – straight tip, Ø 19–60 mm
- Precision circlips pliers to assemble external circlips on shafts – straight tip, Ø 10–25 mm
- Precision circlips pliers to assemble external circlips on shafts – straight tip, Ø 19–60 mm

REF MMS-AT-00001

## BEARING FITTING TOOL SET



Heavy-duty bearing fitting tool kit made of steel for bearing installation with a hydraulic press or hammer

- Complete easy-to-manage package
- 33 impact rings and 5 strike pipes made of extra strong steel and 1 dead blow hammer
- The combination of impact ring and impact sleeve required for the installation of the ball bearing can be found in the conversion table included
- No damaging of the axes, bearing casings and gaskets: combination of the impact ring and pipe ensures the forces are never directed through the rolling elements of the bearing
- Almost all components available as replacement parts

Contains

- Inner diameter of ball bearing: 10 - 50 mm
- Outer diameter of ball bearing: 26 - 110 mm
- 5 impact sleeves Ø 15, 20, 30, 40 and 55 mm
- Length of the impact sleeve: 225 mm
- Weight: 8,25 kg

REF MMS-AT-00002

## INTERNAL EXTRACTING TOOL SET



Universal sets for extracting inner bearings

- The 2-shell design with extra large grasp edges ensures safe extraction
- The internal extractors are equipped with an internal safety stop to protect against excess spreading and overloading
- Mechanical pressure screw
- Milled thread treated with special coating
- The internal extractors can be combined with counter supports and slide hammers
- The arms on the counter supports are easy-to-adjust thanks to an internal spring mechanism (size 1 to 3)
- Thanks to their support struts, sizes 4 and 5 counter struts are particularly suited for large ball bearings and ensure that the assembly remains stable during the extraction process
- Almost all components available as replacement parts

- Inner diameter of ball bearing: 12 - 70 mm
- Weight: 9,94 kg

REF MMS-AT-00003

## INTERNAL EXTRACTING TOOL SET



Universal sets for extracting inner bearings

- The 2-shell design with extra large grasp edges ensures safe extraction
- The internal extractors are equipped with an internal safety stop to protect against excess spreading and overloading
- Mechanical pressure screw
- Milled thread treated with special coating
- The internal extractors can be combined with counter supports and slide hammers
- The arms on the counter supports are easy-to-adjust thanks to an internal spring mechanism (size 1 to 3)
- Thanks to their support struts, sizes 4 and 5 counter struts are particularly suited for large ball bearings and ensure that the assembly remains stable during the extraction process
- Almost all components available as replacement parts

- Inner diameter of ball bearing: 10 - 50 mm
- Outer diameter of ball bearing: 26 - 110 mm
- 5 impact sleeves Ø 15, 20, 30, 40 and 55 mm
- Length of the impact sleeve: 225 mm
- Weight: 8,25 kg
- Ball bearing ISO: 6000-6020, 6200-6212, 6300-6311, 6403-6408
- Inner diameter of ball bearing: 10 - 100 mm
- Outer diameter of ball bearing: 26 - 150 mm
- Hexagon drive (male): 13 and 17 mm
- Jaw length: 70 and 156 mm
- Number of rings: 13
- Number of jaws: 14
- Diameter of support ring: 19 - 77,5 mm
- 3 counter-pressure pads for extraction of ball bearing with hollow shaft Ø 10 - 42 mm
- 4 counter-pressure pads Ø 35 - 80 mm
- Weight: 7,13 kg

REF MMS-AT-00004

## BALL BEARING PULLER SET



To remove grooved ball bearings quickly without causing damage and without having to dismantle the shaft

- Puller is self-tensioning and easy to handle
- Special cross-beam design ensures spread adjustment of the pulling jaws
- Pulling jaws specifically developed for precise mounting in bearing tracks for optimal support and better extension force
- Pulling jaws made of two parts: dowel pin is hammered into the upper end of the jaw
- Simple, self-explanatory use with a small number of individual components
- Magnets under the cross-beam ensure simple mounting of the support rings on the ball bearing
- Simple mounting of the pulling jaws with 90° rotation in the cross-beam

- Inner diameter of ball bearing: 10 - 50 mm
- Outer diameter of ball bearing: 26 - 110 mm
- 5 impact sleeves Ø 15, 20, 30, 40 and 55 mm
- Length of the impact sleeve: 225 mm
- Weight: 8,25 kg

- Ball bearing ISO: 6000-6020, 6200-6212, 6300-6311, 6403-6408
- Inner diameter of ball bearing: 10 - 100 mm
- Outer diameter of ball bearing: 26 - 150 mm
- Hexagon drive (male): 13 and 17 mm
- Jaw length: 70 and 156 mm
- Number of rings: 13
- Number of jaws: 14
- Diameter of support ring: 19 - 77,5 mm
- 3 counter-pressure pads for extraction of ball bearing with hollow shaft Ø 10 - 42 mm
- 4 counter-pressure pads Ø 35 - 80 mm
- Weight: 7,13 kg

REF MMS-AT-00005

## 1/2" TORQUE WRENCHES



- Click-type torque wrenches with reversible ratchets for right-hand tightening
- Scale increased by 60% for improved visibility and setting accuracy
  - Torque adjusting speed increased by 40%
  - Handle and lens materials resistant to all chemical substances used in automotive sector, industry and aviation
  - Red colour of o-ring indicates that wrench is unlocked and torque can be adjusted

- Size of the connection: 1/2"
- Capacity: 20 - 100 Nm (2 - 10 Kgfm)
- Torsion accuracy: 3%
- Right hand tightening
- Length: 367 mm
- Weight: 800 g
- Complies with UNI EN ISO 6789

REF MMS-AT-00006

## 1/2" TORQUE WRENCHES



- Click-type torque wrenches with reversible ratchets for right-hand tightening
- Scale increased by 60% for improved visibility and setting accuracy
  - Torque adjusting speed increased by 40%
  - Handle and lens materials resistant to all chemical substances used in automotive sector, industry and aviation
  - Red colour of o-ring indicates that wrench is unlocked and torque can be adjusted

- Size of the connection: 1/2"
- Capacity: 40 - 200 Nm (4 - 20 Kgfm)
- Torsion accuracy: 3%
- Right hand tightening
- Length: 465 mm
- Weight: 1010 g
- Complies with UNI EN ISO 6789

REF MMS-AT-00007

## 1/2" 42 PCS BI-HEXAGON SOCKET SET



Bi-hexagon sockets set - 42 pieces

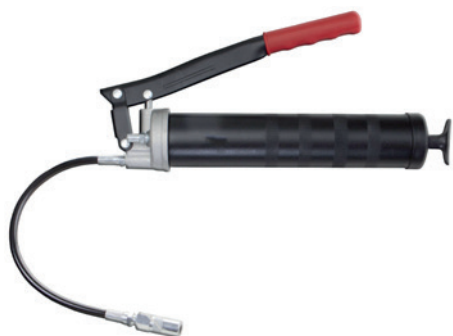
### Contains:

- 20 square drive bi-hex sockets: 10 to 32 mm
- 17 square drive bi-hex sockets: 3/8 to 1.1/4"
- 2 extension bars: 125 and 255 mm
- Universal joint
- Sliding T-handle
- Reversible ratchet

- Size of the connection: 1/2"
- Dimensions (L x W x D): 420 x 280 x 60 mm
- Weight: 7,5 kg

REF MMS-AT-00008

## INDUSTRIAL GREASE GUN



Extend the lifespan of machinery with this manual grease gun

- Easy to manoeuvre
- High pressure
- Less waste
- Cleaner
- Length flexible: 300 mm
- Thread size: M10
- Filling: cartridge, bulk
- Pressure: 413 Bar
- Number of couplings: 1

REF MMS-AT-00009

## ACCU GREASE GUN WITH FLEXIBLE HOSE - 20 V



Extend the lifespan of machinery with this battery-powered grease gun

- Easy to manoeuvre
- Constant flow of grease
- Consistent lubrication
- With LED light at the grease gun head
- Soft grip handle
- 2 lithium-ion batteries 20 V, 2000 mAh
- Molded seal for absolute tightness when using bulk grease or cartridges
- Grease gun tube galvanised
- Stable construction 2 adjustable grease supply speeds
- Safe handle on the push rod
- Operates with greases up to NLGI grade 2 at 20°C
- Electric motor driven by a 20 V battery ensures continuous grease flow
- With filling nipple and venting valve
- The battery's charging level is indicated at the grease gun and at the battery
- The grease gun is equipped with a stand and a hose holder
- High-pressure grease supply hose with anti-kink spring
- 2 lithium-ion batteries 20 V, 2000 mAh

- Voltage: 20 V
- Capacity: 400 g
- Refilling options: 400 g grease cartridge, DIN 1284
- Delivery rate: 150 g / min
- High performance accumulator of the accu: 2000 mAh
- Operating pressure: 400 bar
- Max pressure: 680 bar
- Charging time: +/- 60 min
- Flexible hose: 11 x 1000 mm
- Connection: M10 x 1
- 1 coupler and 4 jaws
- Battery type: lithium-ion
- Dimensions (L x W x H): 380 x 205 x 110 mm
- Weight of grease gun, empty: 3,56 kg
- Weight of the accu: 0,378 kg
- Input voltage of the charger: 230 V AC (50 - 60 Hz)
- Charger connecting cable with Euro two-pin plug, length 1,6 m

REF MMS-AT-00010

## MULTIPURPOSE LITHIUM EP2 GREASE - 400 G



Premium quality multi-purpose grease for use in all anti-friction and plain bearings subjected to high load conditions

- Used extensively for applications throughout industry and the automotive sector
- Excellent extreme pressure and anti-wear performance
- High degree of corrosion protection
- Highly versatile multi-purpose grease
- Can be applied manually, or by using a standard grease gun or via a central lubricating system designed for and capable of pumping an NLGI 2 grease

- NLGI grade: 2
- Specifications ISO 6743-9: L-XBEB 2 and DIN 51502: KP2P-20
- Operating temperature: -20 up to 160 °C
- Colour: brown
- Kinematic viscosity of the base at 40 °C: 165 mm<sup>2</sup>/s
- Contents: 400 g

REF MMS-AT-00011

## NEVASTANE XS 80 - 400 G



Heavy-duty multipurpose food-grade grease, based on an overbased calcium sulfonate complex technology and synthetic oil, especially designed for applications working under very low temperatures and/or high load conditions

- Full synthetic high performance grease, meets the most stringent industrial requirements
- Suitable for high speeds applications, heavy loads with very wide temperature range required
- Recommended for pelleting machines and various applications in the food and food related industry operating under severe conditions
- Assures long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP)
- Excellent thermal stability: it regains its original texture after cooling to ambient temperature
- Remarkable load resistance thanks to its naturally high extreme pressure and antiwear properties
- Extraordinary water resistance
- Resistant to food acids and alkalis
- Excellent anti-oxidation and anti-corrosion properties thanks to the very nature of the calcium sulfonates, also in the presence of salt water
- Approved by NSF as a lubricant for incidental food contact: H1

- NLGI grade: 1 - 2
- Operating temperature: -50 up to 150 °C
- Colour: brown
- Kinematic viscosity of the base at 40 °C: 80 mm<sup>2</sup>/s
- Contents: 400 g

REF MMS-AT-00012

### STANDARD OILER - 500 ML



Oiler with flexible and bent solid spout

- Single-acting brass pump
- Angled spout enables lubricating in difficult to access locations
- Pump enables drip feed

- Material: metal
- Material of spout: synthetic
- Length of spout: 150 mm
- Contents: 500 ml

REF MMS-AT-00013



### WHITE LITHIUM GREASE



Extreme pressure lithium multipurpose grease with white solid lubricants and PTFE

- Contains PTFE for extra lubricity
- Sprays like an oil but sets like a grease

- Long-lasting lubrication
- Convenient to use
- Contents: 500 ml

REF MMS-AT-00014

### TOTALSOURCE MULTISPRAY



Get the job done with this multipurpose lubricant spray

- Displaces moisture, starts wet engines and prevents electrical failures
- Lubricates and loosens seized and rusted mechanisms
- Protects against humidity and prevents flash rust
- General corrosion protection
- Penetrates stuck parts quickly
- Safe on metals, most rubbers, plastics and coatings
- Test on sensitive or stressed materials before use
- Can spray both wide and precise
- Easy to use

- Convenient to use
- Contents: 400 ml

REF MMS-AT-00015

## LOCTITE SF 7063 CLEANER



**LOCTITE**

Get the job done with this cleaning spray

- For use prior to bonding and sealing applications with Loctite products
- Removes most greases, oils, lubrication fluids and metal cuttings
- Leaves no residue
- Solvent based

REF MMS-AT-00016\_ Contents: 150 ml

REF MMS-AT-00017\_ Contents: 400 ml

## LOCTITE SF 7649 ACTIVATOR



**LOCTITE**

High-strength retaining compound

- Ideal for repairing worn parts without machining
- Suitable for retaining shims
- Gap-filling
- Oil-resistant

- Max gap size: 0,5 mm
- Operating temperature: -55 up to 150 °C
- NSF: P1- Reg n° 123704

REF MMS-AT-00018\_ Contents: 50 ml

REF MMS-AT-00019\_ Contents: 150 ml

**LOCTITE 641 - 50 ML****LOCTITE®**

Medium-strength retaining compound

- For the bonding of cylindrical fitting parts
- Ideal for parts that need subsequent dismantling, i.e. retention of bearings on shafts and in housings
- Cures when confined in the absence of air between close fitting metal surfaces
- Prevents loosening and leakage from shock and vibration
- Max gap size 0,10 mm
- Fixture time for steel: 25 min
- Operating temperature: -55 up to 150 °C
- Contents: 50 ml

REF MMS-AT-00020

**LOCTITE 603 - 50 ML****LOCTITE®**

High-strength retaining compound

- Ideal for sintered bearings, for use on close-fitting cylindrical parts
- High oil tolerance
- Max gap size: 0,10 mm
- Fixture time for steel: 8 min
- Operating temperature: -55 up to 150 °C
- NSF: P1- Reg n° 123003
- Contents: 50 ml

REF MMS-AT-00021

### SAFETY DECAL



Drive safe

- Dimensions: Ø 62 mm

REF MMS-AT-00022

### SAFETY DECAL



Do not move with elevated load

- Dimensions: Ø 85 mm

REF MMS-AT-00023

### SAFETY DECAL



Do not stand up or below the forks

- Dimensions (L x W): 70 x 230 mm

REF MMS-AT-00024

### SAFETY DECAL



How to use an pallet truck

- Dimensions (L x W): 35 x 75 mm

REF MMS-AT-00025