



TFE... MKB
TFE... T-2RS
TFE... T-2RS MAG.

BALL JOINT ENDS

DIN 648, E SERIES - ISO 6126
 MAINTENANCE FREE

COUPLING: STEEL ON PTFE
 STEEL END C45



| ARTICLE (*) | d | TOLERANCES | | S | D4 | I | D1 | S1 | L | L1 | LF | F | LOAD FACTORS | | RADIAL CLEARANCE | SWINGING ANGLE α | WEIGHT Kg. |
|-----------------------|----|------------|-----------|----|------|-----|-----|-----|-------|------|-----|----------|---------------|--------------|------------------|-------------------------|------------|
| | | d | S | | | | | | | | | | Dynamic C_c | Static C_0 | | | |
| | | mm. | | | | | | | | | | | | | | | |
| TFE 6 MKB | 6 | 0 ÷ +0.008 | 0 ÷ -0.12 | 6 | 8 | 36 | 21 | 4.3 | 46.5 | 12 | 18 | M 6X1 | 3.6 | 8.1 | 0 - 0.032 | 13 | 0.01 |
| TFE 8 MKB | 8 | 0 ÷ +0.008 | 0 ÷ -0.12 | 8 | 10.2 | 42 | 24 | 6 | 54 | 14 | 22 | M 8X1.25 | 5.8 | 12.9 | 0 - 0.032 | 15 | 0.03 |
| TFE 10 MKB | 10 | 0 ÷ +0.008 | 0 ÷ -0.12 | 9 | 13.2 | 48 | 29 | 7 | 62.5 | 15 | 27 | M10X1.5 | 8.6 | 17.6 | 0 - 0.032 | 12 | 0.05 |
| TFE 12 MKB | 12 | 0 ÷ +0.008 | 0 ÷ -0.12 | 10 | 15 | 54 | 34 | 8 | 71 | 19 | 30 | M12X1.75 | 11.4 | 24.5 | 0 - 0.032 | 11 | 0.08 |
| TFE 15 MKB | 15 | 0 ÷ +0.008 | 0 ÷ -0.12 | 12 | 18.4 | 63 | 40 | 10 | 83 | 20 | 34 | M14X2 | 17.6 | 36 | 0 - 0.040 | 8 | 0.14 |
| TFE 17 MKB (T-2RS) | 17 | 0 ÷ +0.008 | 0 ÷ -0.12 | 14 | 20.7 | 69 | 46 | 11 | 92 | 23 | 36 | M16X2 | 22.4 | 45 | 0 - 0.040 | 10 | 0.19 |
| TFE 20 MKB (T-2RS) | 20 | 0 ÷ +0.010 | 0 ÷ -0.12 | 16 | 24.1 | 78 | 53 | 13 | 104.5 | 27.5 | 43 | M20X1.5 | 31.5 | 60 | 0 - 0.040 | 9 | 0.31 |
| TFE 25 MKB (T-2RS) | 25 | 0 ÷ +0.010 | 0 ÷ -0.12 | 20 | 29.3 | 94 | 64 | 17 | 126 | 33 | 53 | M24X2 | 51 | 83 | 0 - 0.050 | 7 | 0.56 |
| TFE 30 MKB (T-2RS) | 30 | 0 ÷ +0.010 | 0 ÷ -0.12 | 22 | 34.2 | 110 | 73 | 19 | 146.5 | 37 | 65 | M30X2 | 65.5 | 110 | 0 - 0.050 | 6 | 0.89 |
| TFE 35 T-2RS | 35 | 0 ÷ +0.012 | 0 ÷ -0.12 | 25 | 39.7 | 140 | 82 | 21 | 181 | 43 | 82 | M36X3 | 112 | 146 | 0 - 0.050 | 6 | 1.40 |
| TFE 40 T-2RS | 40 | 0 ÷ +0.012 | 0 ÷ -0.12 | 28 | 45 | 150 | 92 | 23 | 196 | 48 | 86 | M39X3 | 140 | 180 | 0 - 0.060 | 7 | 1.80 |
| TFE 45 T-2RS | 45 | 0 ÷ +0.012 | 0 ÷ -0.12 | 32 | 50.7 | 163 | 102 | 27 | 218 | 52 | 94 | M42X3 | 180 | 240 | 0 - 0.060 | 7 | 2.60 |
| TFE 50 T-2RS | 50 | 0 ÷ +0.012 | 0 ÷ -0.12 | 35 | 56 | 185 | 112 | 30 | 241 | 60 | 106 | M45X3 | 220 | 290 | 0 - 0.060 | 6 | 3.40 |
| TFE 60 T-2RS | 60 | 0 ÷ +0.015 | 0 ÷ -0.15 | 44 | 66.8 | 210 | 135 | 38 | 277.5 | 75 | 115 | M52X3 | 345 | 450 | 0 - 0.060 | 6 | 5.90 |
| TFE 70 T-2RS | 70 | 0 ÷ +0.015 | 0 ÷ -0.15 | 49 | 77.8 | 235 | 160 | 42 | 315 | 87 | 125 | M56X4 | 440 | 610 | 0 - 0.072 | 6 | 8.20 |
| TFE 80 T-2RS | 80 | 0 ÷ +0.015 | 0 ÷ -0.15 | 55 | 89.4 | 270 | 180 | 47 | 360 | 100 | 140 | M64X4 | 570 | 750 | 0 - 0.072 | 6 | 12.00 |
| HIGHER THREAD VERSION | | | | | | | | | | | | | 180 | | | | |
| TFE 40 T-2RS MAG. | 40 | 0 ÷ +0.012 | 0 ÷ -0.12 | 8 | 45 | 150 | 92 | 23 | 196 | 48 | 86 | M42X3 | 140 | | 0 - 0.060 | 7 | 1.85 |
| TFE 45 T-2RS MAG. | 45 | 0 ÷ +0.012 | 0 ÷ -0.12 | 32 | 50.7 | 163 | 102 | 27 | 218 | 52 | 94 | M45X3 | 180 | 240 | 0 - 0.060 | 7 | 2.66 |
| TFE 50 T-2RS MAG. | 50 | 0 ÷ +0.012 | 0 ÷ -0.12 | 35 | 56 | 185 | 112 | 30 | 241 | 60 | 106 | M52X3 | 220 | 290 | 0 - 0.060 | 6 | 3.50 |
| TFE 60 T-2RS MAG. | 60 | 0 ÷ +0.015 | 0 ÷ -0.15 | 44 | 66.8 | 210 | 135 | 38 | 277.5 | 75 | 115 | M60X4 | 345 | 450 | 0 - 0.060 | 6 | 6.02 |
| TFE 70 T-2RS MAG. | 70 | 0 ÷ +0.015 | 0 ÷ -0.15 | 49 | 77.8 | 235 | 160 | 42 | 315 | 87 | 125 | M72X4 | 440 | 610 | 0 - 0.072 | 6 | 8.38 |
| TFE 80 T-2RS MAG. | 80 | 0 ÷ +0.015 | 0 ÷ -0.15 | 55 | 89.4 | 270 | 180 | 47 | 360 | 100 | 140 | M80X4 | 570 | 750 | 0 - 0.072 | 6 | 12.20 |

(*) When requiring a left-end threading, add the letter "L" in the article code, e.g. TFE L... . Availability and prices upon request.