

Rod Ends GEW DIN ISO 12240-4 (DIN 648) Series E, Maintenance Free, Internal Thread

Material:

Housing: up to size 10 free cutting steel, turned, zinc-plated;
from size 12 heat-treated steel C45, forged, zinc-plated.

Bearing: maintenance-free steel/PTFE bearing.

Tribological pairing: hard chrome - steel/PTFE

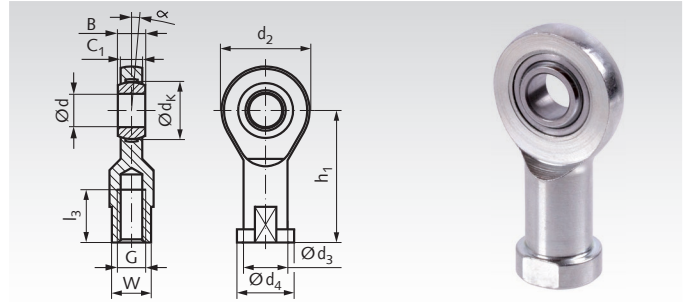
Tolerances and load tables page 636 - 637.

Application: For pivoting motions (alternating load).

Not for higher speeds.

IR = Internal Right-hand thread. IL = Internal Left-hand thread.

Ordering Details: e.g.: Product No. 634 106 00, Rod End GEW, IR



| Product No. IR | Product No. IL | d ^{H7} mm | B mm | C ₁ mm | d ₂ mm | d ₃ mm | d ₄ mm | d _k mm | h ₁ mm | l ₃ mm | Thread ISO DIN 13 6H G mm | W mm | Tilting angle α ° | Weight g |
|-------------------|-------------------|-----------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------------------|---------|----------------------------|-------------|
| 634 106 00 | 634 306 00 | 6 | 6 | 4,4 | 20 | 10 | 13 | 10 | 30 | 12 | M6 | 11 | 13 | 21 |
| 634 108 00 | 634 308 00 | 8 | 8 | 6 | 24 | 12,5 | 16 | 13 | 36 | 16 | M8 | 14 | 15 | 38 |
| 634 110 00 | 634 310 00 | 10 | 9 | 7 | 28 | 15 | 19 | 16 | 43 | 20 | M10 | 17 | 12 | 60 |
| 634 112 00 | 634 312 00 | 12 | 10 | 8 | 34 | 17,5 | 22 | 18 | 50 | 22 | M12 | 19 | 11 | 96 |
| 634 115 00 | 634 315 00 | 15 | 12 | 10 | 40 | 21 | 26 | 22 | 61 | 29 | M14 | 22 | 8 | 180 |
| 634 116 00 | 634 316 00 | 16 | 14 | 11 | 46 | 24 | 30 | 25 | 67 | 33 | M16 | 27 | 10 | 220 |
| 634 117 00 | 634 317 00 | 17 | 14 | 11 | 46 | 24 | 30 | 25 | 67 | 33 | M16 | 27 | 10 | 220 |
| 634 120 00 | 634 320 00 | 20 | 16 | 13 | 53 | 27,5 | 35 | 29 | 77 | 38 | M20x1,5 | 32 | 9 | 350 |
| 634 125 00 | 634 325 00 | 25 | 20 | 17 | 64 | 33,5 | 42 | 35,5 | 94 | 48 | M24x2 | 36 | 7 | 640 |
| 634 130 00 | 634 330 00 | 30 | 22 | 19 | 73 | 40 | 50 | 40,7 | 110 | 56 | M30x2 | 41 | 6 | 930 |
| 634 135 00 | 634 335 00 | 35 | 25 | 21 | 82 | 47 | 58 | 47 | 125 | 60 | M36x3 | 50 | 6 | 1300 |
| 634 140 00 | 634 340 00 | 40 | 28 | 23 | 92 | 52 | 65 | 53 | 142 | 65 | M39x3 | 55 | 7 | 2000 |
| 634 145 00 | 634 345 00 | 45 | 32 | 27 | 102 | 58 | 70 | 60 | 145 | 65 | M42x3 | 60 | 7 | 2500 |
| 634 150 00 | 634 350 00 | 50 | 35 | 30 | 112 | 62 | 75 | 66 | 160 | 68 | M45x3 | 65 | 6 | 3500 |
| 634 160 00 | 634 360 00 | 60 | 44 | 38 | 135 | 70 | 88 | 80 | 175 | 70 | M52x3 | 75 | 6 | 5550 |
| 634 170 00 | 634 370 00 | 70 | 49 | 42 | 160 | 80 | 98 | 92 | 200 | 80 | M56x4 | 85 | 6 | 8600 |
| 634 180 00 | 634 380 00 | 80 | 55 | 47 | 180 | 95 | 110 | 105 | 235 | 85 | M64x4 | 100 | 6 | 12000 |

Rod Ends GAW DIN ISO 12240-4 (DIN 648) Series E, Maintenance Free, External Thread

Material:

Housing: up to size 10 Free cutting steel, turned, zinc-plated;
from size 12 heat-treated steel C45, forged, zinc-plated.

Bearing: maintenance-free steel/PTFE bearing.

Tribological pairing: hard chrome - steel/PTFE.

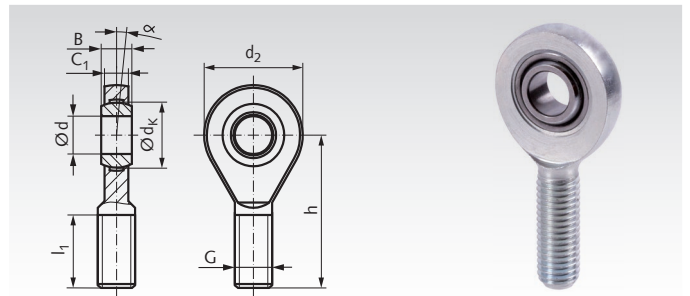
Tolerances and load tables page 636 - 637.

Application: For pivoting motions (alternating load).

Not for higher speeds.

AR = External Right-hand thread. AL = External Left-hand thread.

Ordering Details: e.g.: Product No. 634 606 00, Rod End GAW, ER



| Product No. AR | Product No. AL | d ^{H7} mm | B mm | C ₁ mm | d ₂ mm | d _k mm | h mm | l ₁ mm | Thread ISO DIN 13 6H G mm | Tilting angle α ° | Weight g |
|-------------------|-------------------|-----------------------|---------|----------------------|----------------------|----------------------|---------|----------------------|------------------------------------|----------------------------|-------------|
| 634 606 00 | 634 806 00 | 6 | 6 | 4,4 | 20 | 10 | 36 | 18 | M6 | 13 | 16 |
| 634 608 00 | 634 808 00 | 8 | 8 | 6 | 24 | 13 | 42 | 22 | M8 | 15 | 28 |
| 634 610 00 | 634 810 00 | 10 | 9 | 7 | 28 | 16 | 48 | 26 | M10 | 12 | 50 |
| 634 612 00 | 634 812 00 | 12 | 10 | 8 | 34 | 18 | 54 | 28 | M12 | 11 | 86 |
| 634 615 00 | 634 815 00 | 15 | 12 | 10 | 40 | 22 | 63 | 34 | M14 | 8 | 140 |
| 634 616 00 | 634 816 00 | 16 | 14 | 11 | 46 | 25 | 69 | 36 | M16 | 10 | 190 |
| 634 617 00 | 634 817 00 | 17 | 14 | 11 | 46 | 25 | 69 | 36 | M16 | 10 | 190 |
| 634 620 00 | 634 820 00 | 20 | 16 | 13 | 53 | 29 | 78 | 43 | M20x1,5 | 9 | 320 |
| 634 625 00 | 634 825 00 | 25 | 20 | 17 | 64 | 35,5 | 94 | 53 | M24x2 | 7 | 560 |
| 634 630 00 | 634 830 00 | 30 | 22 | 19 | 73 | 40,7 | 110 | 65 | M30x2 | 6 | 890 |
| 634 635 00 | 634 835 00 | 35 | 25 | 21 | 82 | 47 | 140 | 82 | M36x3 | 6 | 1400 |
| 634 640 00 | 634 840 00 | 40 | 28 | 23 | 92 | 53 | 150 | 86 | M39x3 | 7 | 1800 |
| 634 645 00 | 634 845 00 | 45 | 32 | 27 | 102 | 60 | 163 | 94 | M42x3 | 7 | 2610 |
| 634 650 00 | 634 850 00 | 50 | 35 | 30 | 112 | 66 | 185 | 107 | M45x3 | 6 | 3450 |
| 634 660 00 | 634 860 00 | 60 | 44 | 38 | 135 | 80 | 210 | 115 | M52x3 | 6 | 5900 |
| 634 670 00 | 634 870 00 | 70 | 49 | 42 | 160 | 92 | 235 | 125 | M56x4 | 6 | 8200 |
| 634 680 00 | 634 880 00 | 80 | 55 | 47 | 180 | 105 | 270 | 140 | M64x4 | 6 | 12000 |

Threaded bars with metric thread and fine thread page 556.

Loctite thread locking and bonding products page 849.