

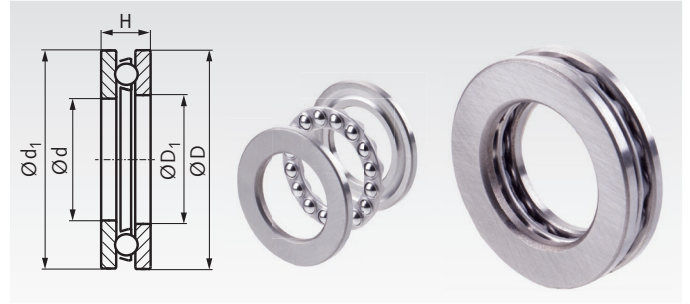
Single Direction Thrust Ball Bearings MÄDLER®, Single Row, inner diameter 10 - 100 mm

Material: Bearing steel.

- Thrust Ball Bearings for single direction in **MÄDLER®** brand quality.
- For axial load (no radial load permitted).
- Usable for high speed.
- These bearings exist from lose parts: Shaft ring (with ground bore), housing ring (with ground outer diameter and bigger bore) and ball cage with balls. The rings must not be confused with each other. Temperature range: -30°C to +125°C.

Other versions or sizes on request.

Ordering Details: e.g.: Product No. 51100-MAE, Thrust Ball Bearing 10/24/9mm



| Product No. | d mm | D mm | H mm | d ₁ mm | D ₁ mm | r _{min.} mm | Load rating axial | | Speed limit min ⁻¹ | Weight g |
|-------------|---------|---------|---------|----------------------|----------------------|-------------------------|-------------------|---------------------------|-------------------------------------|-------------|
| | | | | | | | dyn.C kN | stat.C ₀ kN | | |
| 51100-MAE | 10 | 24 | 9 | 24 | 11 | 0,3 | 8,0 | 11,0 | 9.100 | 20 |
| 51200-MAE | 10 | 26 | 11 | 26 | 12 | 0,6 | 10,0 | 13,5 | 7.700 | 30 |
| 51101-MAE | 12 | 26 | 9 | 26 | 13 | 0,3 | 8,5 | 12,2 | 9.100 | 22 |
| 51201-MAE | 12 | 28 | 11 | 28 | 14 | 0,6 | 10,6 | 15,2 | 7.700 | 34 |
| 51102-MAE | 15 | 28 | 9 | 28 | 16 | 0,3 | 8,8 | 12,6 | 8.400 | 23 |
| 51202-MAE | 15 | 32 | 12 | 32 | 17 | 0,6 | 13,2 | 20,0 | 7.000 | 46 |
| 51103-MAE | 17 | 30 | 9 | 30 | 18 | 0,3 | 9,0 | 13,2 | 8.400 | 25 |
| 51203-MAE | 17 | 35 | 12 | 35 | 19 | 0,6 | 13,7 | 22,0 | 6.600 | 53 |
| 51104-MAE | 20 | 35 | 10 | 35 | 21 | 0,3 | 10,0 | 16,5 | 7.000 | 37 |
| 51204-MAE | 20 | 40 | 14 | 40 | 22 | 0,6 | 18,0 | 30,0 | 5.600 | 83 |
| 51105-MAE | 25 | 42 | 11 | 42 | 26 | 0,6 | 12,5 | 23,0 | 6.300 | 56 |
| 51205-MAE | 25 | 47 | 15 | 47 | 27 | 0,6 | 22,0 | 40,0 | 5.200 | 110 |
| 51106-MAE | 30 | 47 | 11 | 47 | 32 | 0,6 | 13,4 | 26,5 | 5.900 | 63 |
| 51206-MAE | 30 | 52 | 16 | 52 | 32 | 0,6 | 23,0 | 44,5 | 4.600 | 130 |
| 51107-MAE | 35 | 52 | 12 | 52 | 37 | 0,6 | 13,9 | 30,0 | 5.200 | 80 |
| 51108-MAE | 40 | 60 | 13 | 60 | 42 | 0,6 | 18,5 | 40,0 | 4.900 | 120 |
| 51109-MAE | 45 | 65 | 14 | 65 | 47 | 0,6 | 19,2 | 45,0 | 4.400 | 140 |
| 51110-MAE | 50 | 70 | 14 | 70 | 52 | 0,6 | 21,5 | 52,5 | 4.400 | 160 |
| 51111-MAE | 55 | 78 | 16 | 78 | 57 | 0,6 | 24,5 | 62,5 | 3.700 | 230 |
| 51112-MAE | 60 | 85 | 17 | 85 | 62 | 1,0 | 29,5 | 73,5 | 3.500 | 270 |
| 51113-MAE | 65 | 90 | 18 | 90 | 67 | 1,0 | 30,5 | 80,5 | 3.300 | 330 |
| 51114-MAE | 70 | 95 | 18 | 95 | 72 | 1,0 | 30,8 | 85,0 | 3.100 | 350 |
| 51115-MAE | 75 | 100 | 19 | 100 | 77 | 1,0 | 36,0 | 110,0 | 3.000 | 400 |
| 51116-MAE | 80 | 105 | 19 | 105 | 82 | 1,0 | 36,8 | 115,0 | 3.000 | 420 |
| 51117-MAE | 85 | 110 | 19 | 110 | 87 | 1,0 | 37,5 | 120,0 | 3.000 | 440 |
| 51118-MAE | 90 | 120 | 22 | 120 | 92 | 1,0 | 47,5 | 152,0 | 2.600 | 670 |
| 51120-MAE | 100 | 135 | 25 | 135 | 102 | 1,0 | 68,0 | 216,0 | 2.200 | 970 |



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