

WRB

Dimensions in mm.

Reduction of load rating for linear ball bearing because of less hardness.

Other types available on request.

Material: X46Cr13 / 1.4034

Surface hardness: 52 HRC min. Hardening depth according to DIN ISO 18203.

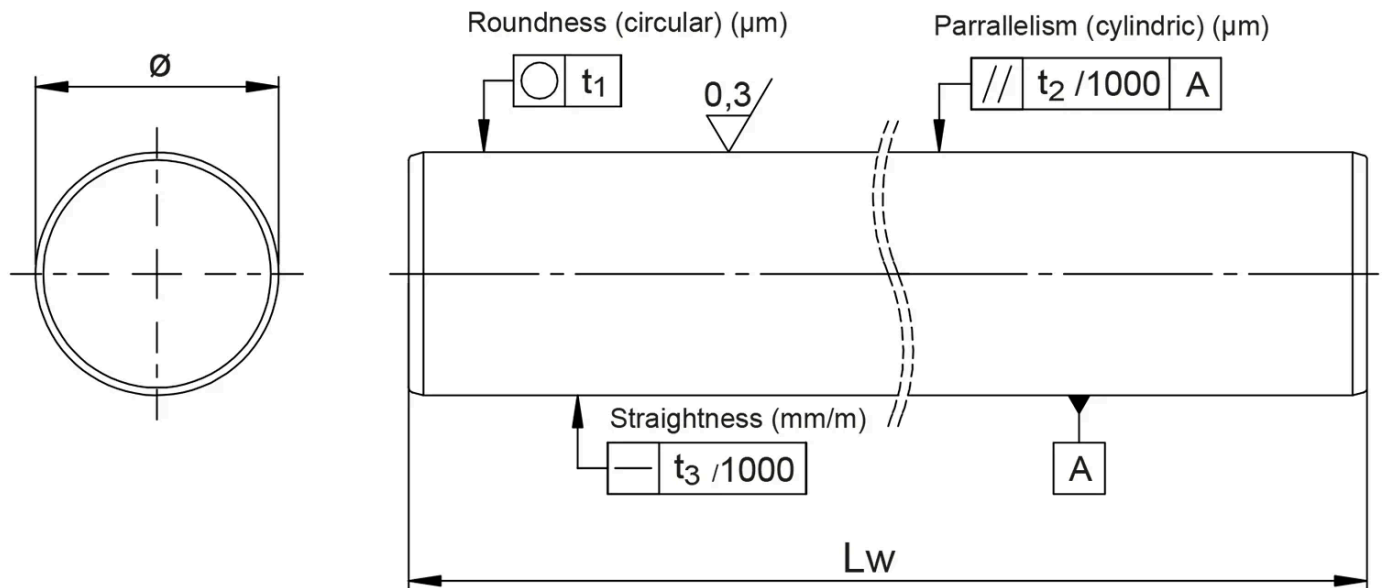
Standard Tolerance: ISO h6



General Data

| Designation | Weight (kg/m) |
|-------------|---------------|
| WRB5 | 0.15 |
| WRB6 | 0.22 |
| WRB8 | 0.39 |
| WRB10 | 0.62 |
| WRB12 | 0.89 |
| WRB14 | 1.21 |
| WRB16 | 1.58 |
| WRB20 | 2.47 |
| WRB25 | 3.85 |
| WRB30 | 5.55 |
| WRB40 | 9.86 |
| WRB50 | 15.41 |
| WRB60 | 22.2 |

Dimensions



| Designation | Lw (mm) | Diameter | Hardening Depth (mm) | Roundness t1 (μm) | Parallelism t2 (μm) | Straightness t3 (mm/m) |
|-------------|---------|----------|----------------------|--------------------------------|----------------------------------|------------------------|
| WRB5 | 3000 | 5 | 0.4 | 4 | 5 | 0.3 |
| WRB6 | 6000 | 6 | 0.4 | 4 | 5 | 0.3 |
| WRB8 | 6000 | 8 | 0.4 | 4 | 6 | 0.3 |
| WRB10 | 6000 | 10 | 0.4 | 4 | 6 | 0.3 |
| WRB12 | 6000 | 12 | 0.6 | 5 | 8 | 0.3 |
| WRB14 | 6000 | 14 | 0.6 | 5 | 8 | 0.3 |
| WRB16 | 6000 | 16 | 0.6 | 5 | 8 | 0.2 |
| WRB20 | 6000 | 20 | 0.9 | 6 | 9 | 0.2 |
| WRB25 | 6000 | 25 | 0.9 | 6 | 9 | 0.2 |
| WRB30 | 6000 | 30 | 0.9 | 6 | 9 | 0.2 |

| Designation | Lw (mm) | Diameter | Hardening Depth (mm) | Roundness t1 (μm) | Parallelism t2 (μm) | Straightness t3 (mm/m) |
|--------------|---------|----------|----------------------|-------------------|---------------------|------------------------|
| WRB40 | 6000 | 40 | 1.5 | 7 | 11 | 0.2 |
| WRB50 | 6000 | 50 | 1.5 | 7 | 11 | 0.2 |
| WRB60 | 6000 | 60 | 2.2 | 8 | 13 | 0.2 |