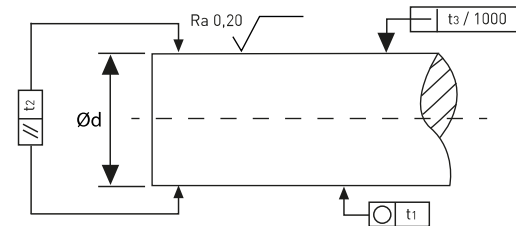


## WRB

### Precision shafts

Induction hardened stainless steel shafts  
Series: WRB (X46 Cr13 / W 1.4034)



Shaft designation	Shaft diameter d	Standard length	Hardening depth R <sub>h</sub> t DIN 50190	Standard tolerance ISO h6	Roundness	Parallelism	Straightness	Weight
Type	mm	mm	mm	μm	μm t <sub>1</sub>	μm t <sub>2</sub>	mm/m t <sub>3</sub>	Kg/m
WRB-5	5	2100	0.5 - 0.8	0 - 8	4	5	0.16	0.16
WRB-6	6	3200	0.5 - 0.8	0 - 8	4	6	0.16	0.23
WRB-8	8	6000	0.6 - 0.9	0 - 9	4	6	0.16	0.4
WRB-10	10	6000	0.7 - 1.0	0 - 9	4	6	0.16	0.62
WRB-12	12	6000	0.8 - 1.2	0 - 11	5	8	0.12	0.89
WRB-14	14	6000	0.9 - 1.3	0 - 11	5	8	0.12	1.21
WRB-15	15	6000	1.1 - 1.5	0 - 11	5	8	0.12	1.39
WRB-16	16	6000	1.1 - 1.5	0 - 11	5	8	0.12	1.58
WRB-20	20	6000	1.2 - 1.6	0 - 13	6	9	0.12	2.47
WRB-25	25	6000	1.5 - 1.7	0 - 13	6	9	0.1	3.85
WRB-30	30	6000	1.5 - 1.9	0 - 13	6	9	0.1	5.55
WRB-40	40	3000	2.5 - 3.0	0 - 16	7	11	0.1	9.87
WRB-50	50	3000	2.7 - 3.2	0 - 16	7	11	0.1	15.4
WRB-60	60	3000	2.9 - 3.3	0 - 19	8	13	0.1	22.2

- Special tolerances and diameters are available upon request.
- Length tolerance: +200 / -0 mm.
- Surface hardness: 53 HRC min.