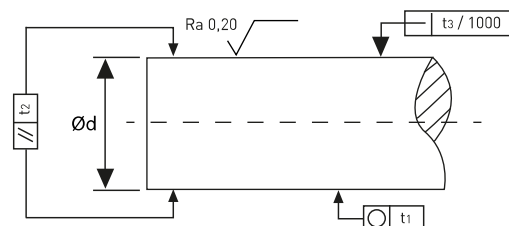


WV

Precision shafts

Material: Quenched and tempered and chromed steel (Cf53/Ck55)
(1.1213/1.1203)
Series WV



Shaft designation	Shaft diameter d	Standard length	Hardening depth R _h t DIN 6773	Standard tolerance ISO h7	Roundness	Parallelism	Straightness	Weight
Type	mm	mm	mm	μm	μm t ₁	μm t ₂	mm/m t ₃	Kg/m
WV-3	3	1100	0.4 - 0.6	0 - 10	6	10	0.16	0.055
WV-4	4	2100	0.5 - 0.8	0 - 10	6	10	0.16	0.1
WV-5	5	3200	0.5 - 0.8	0 - 12	6	10	0.16	0.16
WV-6	6	6000	0.5 - 0.8	0 - 12	6	10	0.16	0.23
WV-8	8	6000	0.6 - 0.9	0 - 15	6	10	0.16	0.4
WV-10	10	6000	0.7 - 1.0	0 - 15	6	10	0.12	0.62
WV-12	12	6000	0.8 - 1.2	0 - 18	8	12	0.12	0.89
WV-13	13	6000	0.8 - 1.2	0 - 18	8	12	0.12	1.04
WV-14	14	6000	0.9 - 1.3	0 - 18	8	12	0.12	1.21
WV-15	15	6000	1.0 - 1.4	0 - 18	8	12	0.12	1.39
WV-16	16	6000	1.1 - 1.5	0 - 18	8	12	0.1	1.58
WV-18	18	6000	1.1 - 1.5	0 - 18	8	12	0.1	2
WV-20	20	6000	1.2 - 1.5	0 - 21	9	12	0.1	2.47
WV-22	22	6000	1.2 - 1.5	0 - 21	9	12	0.1	2.98
WV-24	24	6000	1.4 - 1.6	0 - 21	9	12	0.1	3.55
WV-25	25	6000	1.5 - 1.7	0 - 21	9	12	0.1	3.85
WV-28	28	6000	1.5 - 1.8	0 - 21	9	12	0.1	4.83
WV-30	30	6000	1.5 - 1.9	0 - 21	9	12	0.1	5.55
WV-32	32	6000	1.5 - 1.9	0 - 25	11	15	0.1	6.31
WV-35	35	6000	1.8 - 1.9	0 - 25	11	15	0.1	7.55
WV-40	40	6000	1.6 - 2.0	0 - 25	11	15	0.1	9.87
WV-45	45	6000	1.6 - 2.0	0 - 25	11	15	0.1	12.5
WV-50	50	6000	2.2 - 2.6	0 - 25	11	15	0.1	15.4
WV-55	55	6000	2.2 - 2.6	0 - 30	12	15	0.1	18.64
WV-60	60	6000	2.2 - 2.6	0 - 30	12	15	0.1	22.2
WV-70	70	6000	2.2 - 2.6	0 - 30	12	15	0.1	30.2
WV-75	75	6000	2.2 - 2.6	0 - 30	12	15	0.1	34.7
WV-80	80	6000	2.2 - 2.6	0 - 30	12	15	0.1	39.5
WV-90	90	6000	2.2 - 3.2	0 - 35	14	17	0.2	49.92
WV-100	100	6000	2.2 - 3.2	0 - 35	14	17	0.2	61.62

- Special tolerances and diameters are available upon request.
- Max available length 8200mm upon request (for shafts \geq da. 16).
- Chrome layer thickness: 5-12 μm .
- Chrome layer hardness: 900-1100 HV 0.1
- Length tolerance: +200 / -0 mm.