

Metric Linear Shafting



Solid*Steel Shafts, Induction Hardened to HRC 62±2

Material: ISO CF-53 (1.1213)/ANSI 1050

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WV 5	5	0.154	4000	0.8	0 -8
WV 6	6	0.222	4000	0.8	0 -9
WV 8	8	0.395	5000	1	0 -9
WV 10	10	0.617	5000	1	0 -11
WV 12	12	0.888	6000	1.3	0 -11
WV 14	14	1.208	6000	1.3	0 -11
WV 15	15	1.387	6000	1.3	0 -11
WV 16	16	1.578	6000	1.6	0 -13
WV 18	18	1.998	6000	1.6	0 -13
WV 20	20	2.466	6500	1.6	0 -13
WV 22	22	2.984	6500	1.8	0 -13
WV 25	25	3.853	6500	1.8	0 -16
WV 30	30	5.549	6500	2	0 -16
WV 35	35	7.553	6500	2.5	0 -19
WV 40	40	9.865	6500	2.5	0 -19
WV 45	45	12.480	6500	2.5	0 -19
WV 50	50	15.410	6500	3	0 -19
WV 55	55	-	-	-	-
WV 60	60	22.200	6500	3	0 -19
WV 65	65	-	-	-	-
WV 70	70	30.210	6500	3	0 -19
WV 75	75	-	-	-	-
WV 80	80	39.460	6500	3	0 -19
WV 100	100	61.650	6500	3.3	0 -22

Solid*Shafts, Hard-Chrome Plated 5-10µm Thickness, Hardness HV 900/1100

Material: ISO CF-53 (1.1213)/ANSI 1050

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WV1 8	8	0.395	5000	1	0 -15
WV1 10	10	0.617	5000	1	0 -18
WV1 12	12	0.888	6000	1.3	0 -18
WV1 14	14	1.208	6000	1.3	0 -18
WV1 15	15	1.387	6000	1.3	0 -18
WV1 16	16	1.578	6000	1.6	0 -18
WV1 20	20	2.466	6500	1.6	0 -21
WV1 25	25	3.853	6500	1.8	0 -21
WV1 30	30	5.549	6500	2	0 -21
WV1 32	32	6.313	6500	2	0 -21
WV1 35	35	7.553	6500	2.5	0 -25
WV1 40	40	9.865	6500	2.5	0 -25
WV1 50	50	15.410	6500	3	0 -25
WV1 60	60	22.200	6500	3	0 -25
WV1 70	70	-	-	-	-
WV1 80	80	39.460	6500	3	0 -30
WV1 100	100	-	-	-	-

Note: Linear Shafting sold in 0.1m (100 mm) length segments. Shafting can be cut to exact mm lengths +/- 5 mm but billed by the next largest 0.1m (100 mm) length. For example if you order Ø25 mm x 1360 mm Linear Shafting your order will state:

(1) ea WV 25x1.4m Hardened and Ground Shafting
(Cut to 1,360 mm)

(one meter 1m = 1,000 mm)

Metric Linear Shafting



Rust and Acid Resistant

HRC 51-55

Material: X-40Cr13 (1.4034)/ANSI 420B

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WRS1 6	6	0.222	3900	0.7	0 -9
WRS1 8	8	0.395	3900	0.9	0 -9
WRS1 10	10	0.617	3900	1.1	0 -11
WRS1 12	12	0.888	4900	1.3	0 -11
WRS1 14	14	1.208	4900	1.5	0 -11
WRS1 15	15	1.387	4900	1.6	0 -11
WRS1 16	16	1.578	4900	1.6	0 -11
WRS1 20	20	2.466	4900	1.8	0 -13
WRS1 25	25	3.853	4900	2	0 -13
WRS1 30	30	5.549	4900	2.4	0 -13
WRS1 40	40	9.865	4900	2.6	0 -13
WRS1 50	50	15.410	4900	2.9	0 -13
WRS1 60	60	22.200	4900	3	0 -16

Stainless Steel, Acid Resistant

HRC 52-56

Material: X-90CrMoV18 (1.4112)

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WRS2 5	5	0.154	3800	0.7	0 -8
WRS2 8	8	0.395	3800	0.9	0 -9
WRS2 10	10	0.617	3800	1.1	0 -11
WRS2 12	12	0.888	7800	1.3	0 -11
WRS2 14	14	1.208	7800	1.5	0 -11
WRS2 15	15	1.387	7800	1.6	0 -11
WRS2 16	16	1.578	7800	1.6	0 -11
WRS2 20	20	2.466	7800	1.8	0 -13
WRS2 25	25	3.853	7800	2	0 -13
WRS2 30	30	5.549	7800	2.4	0 -13
WRS2 40	40	9.865	7800	2.6	0 -13
WRS2 50	50	15.410	7800	2.9	0 -13
WRS2 60	60	22.200	7800	3	0 -16

Stainless Steel, Acid Resistant

HRC 52-56

Material: X105CrMo17 (1.41252)/ANSI

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WRS3 5	5	-	-	-	-
WRS3 8	8	-	-	-	-
WRS3 10	10	-	-	-	-
WRS3 12	12	0.888	6000	1.3	0 -11
WRS3 14	14	1.208	6000	1.5	0 -11
WRS3 15	15	1.387	6000	1.6	0 -11
WRS3 16	16	1.578	6000	1.6	0 -11
WRS3 20	20	2.466	6000	1.8	0 -13

Hollow/Tubular Shafts, Induction Hardened

HRC 62±2

Material: C60 or 100Cr 6(1.0601)/ANSI 52100

Part No.	Shaft o/d Ø mm	Weight per meter kg/m	Max Production Lengths mm	Depth of Hardened Zone DIN 50190 mm	Standard Tolerance ISO h6 µm
WH 12X3.5	12	0.790	6000	1.3	0 -11
WH 16X8	16	1.280	6000	1.6	0 -11
WH 20X12	20	1.250	6000	1.8	0 -13
WH 25X14	25	2.350	6000	2	0 -13
WH 30X19	30	3.500	6000	2.4	0 -13
WH 40X26	40	4.990	6000	2.6	0 -16
WH 50X35	50	9.910	6000	2.9	0 -16
WH 60X36	60	14.200	6000	3	0 -19
WH 80X53	80	19.430	6000	3.2	0 -19

Note: Linear Shafting sold in 0.1m (100 mm) length segments. Shafting can be cut to exact mm lengths +/- 5 mm but billed by the next largest 0.1m (100 mm) length. For example if you order Ø25 mm x 1360 mm Linear Shafting your order will state:

(1) ea WV 25x1.4m Hardened and Ground Shafting
(Cut to 1,360 mm)

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