

Pro-MOTION Mfg & Engineering, LLC
Cost Saving Solutions

Precision Round Rail Shafting

WZ Series (INCH)

CARBON STEEL

Carbon steel, hardened and ground
 62 +/- 2 HRc
 Material: Ck55, Cf53 (1060 Equivalent)

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [lbs/m]	Tolerance Class "L"	Max. Length [feet]*
1/4	WZ 1/4 "L"	0.551	0.2495 / 0.2490	20
3/8	WZ 3/8 "L"	1.220	0.3745 / 0.3740	20
1/2	WZ 1/2 "L"	2.165	0.4995 / 0.4990	20
5/8	WZ 5/8 "L"	3.386	0.6245 / 0.6240	20
3/4	WZ 3/4 "L"	4.921	0.7495 / 0.7490	20
1	WZ 1.00 "L"	8.740	0.9995 / 0.9990	20
1-1/4	WZ 1-1/4 "L"	13.701	1.2495 / 1.2490	20
1-1/2	WZ 1-1/2 "L"	19.685	1.4994 / 1.4989	20
2	WZ 2.00 "L"	35.039	1.9994 / 1.9987	20

W Series (METRIC)

CARBON STEEL

Carbon steel, hardened and ground
 62 +/- 2 HRc
 Material: Ck55, Cf53 (1060 Equivalent)

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [kg/m]	Tolerance Class ISO h6	Max. Length [Meter]*
5	W 5	0.160	0 - 8	6
6	W 6	0.230	0 - 8	6
8	W 8	0.400	0 - 9	6
10	W 10	0.620	0 - 9	6
12	W 12	0.890	0 - 11	6
16	W 16	1.580	0 - 11	6
20	W 20	2.470	0 - 13	6
25	W 25	3.850	0 - 13	6
30	W 30	5.550	0 - 13	6

WRBZ Series (INCH)

STAINLESS STEEL

Stainless steel, hardened and ground
 55 +/- 2 HRc
 Material: X46Cr13 (440C equivalent)

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [lbs/m]	Tolerance Class "L"	Length [feet]
1/4	WRBZ 1/4 "L"	0.551	0.2495 / 0.2490	20
3/8	WRBZ 3/8 "L"	1.220	0.3745 / 0.3740	20
1/2	WRBZ 1/2 "L"	2.165	0.4995 / 0.4990	20
5/8	WRBZ 5/8 "L"	3.386	0.6245 / 0.6240	20
3/4	WRBZ 3/4 "L"	4.921	0.7495 / 0.7490	20
1	WRBZ 1.00 "L"	8.740	0.9995 / 0.9990	20
1-1/4	WRBZ 1-1/4 "L"	13.701	1.2495 / 1.2490	20
1-1/2	WRBZ 1-1/2 "L"	19.685	1.4994 / 1.4989	20
2	WRBZ 2.00 "L"	35.039	1.9994 / 1.9987	20

WRB Series (METRIC)

STAINLESS STEEL

Stainless steel, hardened and ground
 55 +/- 2 HRc
 Material: X46Cr13 (440C Equivalent)

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [kg/m]	Tolerance Class ISO h6	Max. Length [Meter]*
5	WRB 5	0.160	0 - 8	6
6	WRB 6	0.230	0 - 8	6
8	WRB 8	0.400	0 - 9	6
10	WRB 10	0.620	0 - 9	6
12	WRB 12	0.890	0 - 11	6
16	WRB 16	1.580	0 - 11	6
20	WRB 20	2.470	0 - 13	6
25	WRB 25	3.850	0 - 13	6
30	WRB 30	5.550	0 - 13	6

WZV Series (INCH)

CHROME PLATED

Carbon steel, hardened and ground, with hard chrome plating
 62 +/- 2 HRc
 Material: Ck55, Cf53

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [lbs/m]	Tolerance Class "L"	Max. Length [feet]
1/4	WZV 1/4 "L"	0.551	0.2495 / 0.2490	20
3/8	WZV 3/8 "L"	1.220	0.3745 / 0.3740	20
1/2	WZV 1/2 "L"	2.165	0.4995 / 0.4990	20
5/8	WZV 5/8 "L"	3.386	0.6245 / 0.6240	20
3/4	WZV 3/4 "L"	4.921	0.7495 / 0.7490	20
1	WZV 1.00 "L"	8.740	0.9995 / 0.9990	20
1-1/4	WZV 1-1/4 "L"	13.701	1.2495 / 1.2490	20
1-1/2	WZV 1-1/2 "L"	19.685	1.4994 / 1.4989	20
2	WZV 2.00 "L"	35.039	1.9994 / 1.9987	20

WV Series (METRIC)

CHROME PLATED

Carbon steel, hardened & ground, hard chrome plating
 62 +/- 2 HRc
 Material: Ck55, Cf53

Nominal Diameter	Pro- <u>MOTION</u> Designation	Weight [kg/m]	Tolerance Class ISO h7	Max. Length [Meter]*
5	WV 5	0.160	0 - 12	6
6	WV 6	0.230	0 - 12	6
8	WV 8	0.400	0 - 15	6
10	WV 10	0.620	0 - 15	6
12	WV 12	0.890	0 - 18	6
16	WV 16	1.580	0 - 18	6
20	WV 20	2.470	0 - 21	6
25	WV 25	3.850	0 - 21	6
30	WV 30	5.550	0 - 21	6

NOTES: Pro-MOTION Mfg. & Eng. also carries **Series 300 Stainless** shafting.

Most of above listing is available for next day delivery.

We have Full Random Lengths & Cut-to-Length

Please call us for availability @ (714) 541-1420