

Lathe Mandrels



Inch

Made of hardened tool steel which is accurately ground to size. Slightly tapered with marked in the large end Standard taper .0005" per inch. Sizes under 1" are .0005" undersize on small end. Sizes 1-1/16"to3" are .001" undersize on small end.

Standard Taper:1:2000
Small end 3mm to 25mm tolerance is -0.0125mm

Stock No.	Diameter*Overall Length*Tolerance
1215-0001	1/8x2-1/2x.0005"
1215-0002	5/32x3x.0005"
1215-0003	3/16x3x.0005"
1215-0004	7/32x3-3/4x.0005"
1215-0005	1/4x3-3/4x.0005"
1215-0006	9/32x4x.0005"
1215-0007	5/16x4x.0005"
1215-0008	11/32x4-1/4x.0005"
1215-0009	3/8x4-1/4x.0005"
1215-0010	13/32x4-1/2x.0005"
1215-0011	7/16x4-1/2x.0005"
1215-0012	15/32x5x.0005"
1215-0013	1/2x5x.0005"
1215-0014	17/32x5-1/4x.0005"
1215-0015	9/16x5-1/4x.0005"
1215-0016	19/32x5-1/2x.0005"
1215-0017	5/8x5-1/2x.0005"
1215-0018	21/32x5-3/4x.0005"
1215-0019	11/16x5-3/4x.0005"
1215-0020	23/32x6x.0005"
1215-0021	3/4x6x.0005"
1215-0022	25/32x6-1/4x.0005"
1215-0023	13/16x6-1/4x.0005"
1215-0024	27/32x6-1/2x.0005"
1215-0025	7/8x6-1/2x.0005"
1215-0026	29/32x.0005"
1215-0027	15/16x6-3/4x.0005"
1215-0028	31/32x7x.0005"
1215-0029	1x7x.0005"
1215-0030	1-1/32x7-1/4x.001"
1215-0031	1-1/16x7-1/4x.001"
1215-0032	1-3/32x7-1/2x.001"
1215-0033	1-1/8x7-1/2x.001"
1215-0034	1-5/32x7-3/4x.001"
1215-0035	1-3/16x7-3/4x.001"
1215-0036	1-7/32x8x.001"
1215-0037	1-1/4x8x.001"
1215-0038	1-9/32x8-1/4x.001"
1215-0039	1-5/16x8-1/4x.001"
1215-0040	1-11/32x8-3/4x.001"
1215-0041	1-3/8x8-1/2x.001"
1215-0042	1-7/16x8-3/4x.001"
1215-0043	1-15/32x9x.001"
1215-0044	1-1/2x9x.001"
1215-0045	1-9/16x9-1/4x.001"
1215-0046	1-5/8x9-1/2x.001"
1215-0047	1-11/16x9-3/4x.001"
1215-0048	1-3/4x10x.001"
1215-0049	1-13/16x10-1/4x.001"
1215-0050	1-7/8x10-1/2x.001"
1215-0051	1-15/16x10-3/4x.001"
1215-0052	2x11x.001"
1215-0053	2-1/8x11-1/2"
1215-0054	2-1/4x12"
1215-0055	2-3/8x12"
1215-0056	2-1/2x12-1/2"
1215-0057	2-5/8x12-1/2"
1215-0058	2-3/4x13"
1215-0059	2-7/8x13"
1215-0060	3"x13"x.001

Metric

Standard Taper:1:2000

Small end 3mm to 25mm tolerance is -0.0125mm

Small end 26mm to 72mm tolerance is -0.025mm

Stock No.	Diameter(mm)	OAL (mm)
1216-0001	3	63.5
1216-0002	4	76
1216-0003	5	95
1216-0004	6	95
1216-0005	7	102
1216-0006	8	102
1216-0007	9	108
1216-0008	10	114
1216-0009	11	114
1216-0010	12	127
1216-0011	13	127
1216-0012	14	133
1216-0013	15	140
1216-0014	16	140
1216-0015	17	146
1216-0016	18	152
1216-0017	19	152
1216-0018	20	159
1216-0019	21	165
1216-0020	22	165
1216-0021	23	171.5
1216-0022	25	178
1216-0023	26	184
1216-0024	27	184
1216-0025	28	190.5
1216-0026	30	197
1216-0027	32	203
1216-0028	34	210
1216-0029	35	216
1216-0030	36	222
1216-0031	38	229
1216-0032	40	235
1216-0033	42	241
1216-0034	44	254
1216-0035	45	254
1216-0036	46	260
1216-0037	48	267
1216-0038	50	273
1216-0039	51	279
1216-0040	55	292
1216-0041	58	305
1216-0042	60	305
1216-0043	62	317.5
1216-0044	65	317.5
1216-0045	70	330
1216-0046	72	330