

I.S.O. METRIC THREAD GAUGES OTHAM

I. INDIAN STANDARD(IS)

BASIC DIMENSIONS: IS 4218 PART III:1999

IS 4218 PART IV:2001

GAUGING PRACTICE: IS 2334 :2001

.INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)

BASIC DIMENSIONS: ISO 724 :1993

: ISO 1502 : 1996

: ISO 965/1 :1998

RIGHT HAND		THREAD PLUG D/E GO & NOGO	THREAD RING GO or NOGO
NOMINAL DIAMETER	PITCH	CLASS 6H Diameter 1.6 onwards Rs.	CLASS 6g Diameter 1.6 onwards Rs.
1	0.25	5H 1445	6h 4975
	0.20	5H 2160	6h 7465
1.1	0.25	5H 1445	6h 4975
	0.20	5H 2160	6h 7465
1.2	0.25	5H 1445	6h 4975
	0.20	5H 2160	6h 7465
1.4	0.30	5H 1175	6h 4145
	0.20	5H 1765	6h 6215
1.6	0.35	1175	2895
	0.20	1765	4355
1.7	0.35	1465	3315
1.8	0.35	1175	2895
	0.20	1765	4355
2	0.40	915	1665
	0.25	1395	2475
2.2	0.45	915	1665
	0.25	1395	2475
2.3	0.40	1150	1650

2.5	0.45	915	1310
	0.35	1390	1960
2.6	0.45	1150	1650
3	0.50	760	880
	0.35	1130	1330
3.5	0.60	760	880
	0.35	1130	1330
4	0.70	760	880
	0.50	1130	1330
	0.75	1130	2000
4.5	0.75	760	880
	0.50	1130	1330
5	0.80	760	880
	0.50	1130	1330
	0.75	1130	2000
5.5	0.50	1130	2330
6	1.00	755	875
	0.75	1125	1325
	0.50	1705	2675
7	1.00	755	875
	0.75	1125	1325
	0.50	1705	2675
39	4.00	2485	2725
	3.00	2055	2725
	2.00	1655	2335
	1.50	1655	2335
	1.00	2495	3525
40	3.00	2055	2725
	2.00	1655	2335
	1.50	1655	2335
	1.00	2495	3525
42	4.50	2965	3565
	4.00	2965	3265
	3.00	2495	3265
	2.00	1905	2935
	1.50	1905	2935
	1.00	2865	4415
45	4.50	2965	3565
	4.00	2965	3265
	3.00	2495	3265
	2.00	1905	2935
	1.50	1905	2935
	1.00	2865	4415
48	5.00	3470	3560
	4.00	2960	3260
	3.00	2490	3260
	2.00	1900	2930

	1.50	1900	2930
	1.00	2860	4410
50	3.00	2490	3260
	2.00	1900	2930
	1.50	1900	2930
	1.00	2860	4410
52	5.00	3620	4640
	4.00	3620	4280
	3.00	2960	4280
	2.00	2260	3810
	1.50	2260	3810
55	4.00	3620	4280
	3.00	2960	4280
	2.00	2260	3810
	1.50	2260	3810
56	5.50	3615	4635
	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3805
	1.50	2255	3805
58	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3805
	1.50	2255	3805
60	5.50	3615	4635
	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3805
	1.50	2255	3805
62	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3805
	1.50	2255	3805
64	6.00	4195	5000
	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3800
	1.50	2255	3800
65	4.00	3615	4275
	3.00	2955	4275
	2.00	2255	3805
	1.50	2255	3805
68	6.00	4395	5005
	4.00	3775	4275
	3.00	3095	4275
	2.00	2345	3805
	1.50	2345	3805
70	6.00	4390	5000

	4.00	3770	4270
	3.00	3090	4270
	2.00	2340	3800
	1.50	2340	3800
72	6.00	4390	5000
	4.00	3770	4270
	3.00	3090	4270
	2.00	2340	3800
	1.50	2340	3800
75	4.00	3770	4270
	3.00	3090	4270
	2.00	2340	3800
	1.50	2340	3800
76	6.00	5285	5785
	4.00	4525	5325
	3.00	3765	5325
	2.00	2845	4745
	1.50	2845	4745
78	2.00	2845	4745
	1.50	2845	4745
80	6.00	5285	5785
	4.00	4525	5325
	3.00	3765	5325
	2.00	2845	4745
	1.50	2845	4745
82	2.00	2845	4745
	1.50	2845	4745
85	6.00	5340	5780
	4.00	4520	5320
	3.00	3760	5320
	2.00	2840	4740
	1.50	2840	4740
90	6.00	6360	7220
	4.00	5380	6660
	3.00	4520	6660
	2.00	3440	5950
	1.50	3440	5950
95	6.00	6360	7220
	4.00	5380	6660
	3.00	4520	6660
	2.00	3440	5950
	1.50	3440	5950
100	6.00	6360	7220
	4.00	5380	6660
	3.00	4520	6660
	2.00	3440	5950
	1.50	3440	5950
105	6.00	8145	8955

	4.00	6095	8425
	3.00	6095	8425
	2.00	4315	6845
	1.50	4315	6845
110	6.00	8145	8955
	4.00	6095	8425
	3.00	6095	8425
	2.00	4315	6845
	1.50	4315	6845
115	6.00	8145	8955
	4.00	6095	8425
	3.00	6095	8425
	2.00	4315	6845
	1.50	4315	6845
120	6.00	8360	10290
	4.00	6420	9290
	3.00	6420	9290
	2.00	4530	7530
	1.50	4530	7530
125	6.00	8360	10290
	4.00	6420	9290
	3.00	6420	9290
	2.00	4530	7530
	1.50	4530	7530
130	6.00	8360	10290
	4.00	6420	9290
	3.00	6420	9290
	2.00	4530	7530
	1.50	4530	7530
135	6.00	10955	11825
	4.00	7285	10655
	3.00	7285	10655
	2.00	5555	8315
	1.50	5555	8315
140	6.00	10955	11825
	4.00	7285	10655
	3.00	7285	10655
	2.00	5555	8315
	1.50	5555	8315
145	6.00	10955	11825
	4.00	7285	10655
	3.00	7285	10655
	2.00	5555	8315
	1.50	5555	8315
150	6.00	13225	13635
	4.00	8795	11345
	3.00	8795	11345
	2.00	6715	9115
	1.50	6715	9115

155	6.00	13225	13635
	4.00	8795	11345
	3.00	8795	11345
	2.00	7445	9115
	1.50	7445	9115
160	6.00	13225	13630
	4.00	8790	11340
	3.00	8790	11340
	2.00	7445	9110
	1.50	7445	9110
165	6.00	15050	14960
	4.00	10730	12470
	3.00	10730	12470
	2.00	8180	9720
	1.50	8180	9720
170	6.00	15050	14980
	4.00	10730	12470
	3.00	10730	12470
	2.00	8180	9720
	1.50	8180	9720
175	6.00	15040	14980
	4.00	10720	12470
	3.00	10720	12470
	2.00	8170	9720
	1.50	8170	9720
180	6.00	16290	16430
	4.00	12380	13690
	3.00	12380	13690
	2.00	9440	10710
	1.50	9440	10710
185	6.00	16290	16430
	4.00	12380	13690
	3.00	12380	13690
	2.00	9440	10710
	1.50	9440	10710
190	6.00	16285	16425
	4.00	12375	13685
	3.00	21375	13685
	2.00	9435	10705
	1.50	9435	10705
195	6.00	19965	18095
	4.00	14245	15065
	3.00	14245	15065
	2.00	10885	11765
	1.50	10885	11765
200	6.00	19965	18095
	4.00	14245	15065
	3.00	14245	15065
	2.00	10885	11765

	1.50	10885	11765
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Notes:

I] THREAD PLUGS

1 FOR SIZES 1mm TO 1.4MM AS PER SPECIFICATION STANDARD CLASS RECOMMENDED ID 5H.

2 PRICE FOR THREAD PLUGS OTHER THAN 6H CLASS, ADD 25% ON 6H THREAD PLUG.

3 PRICE FOR LEFT HAND THREAD PLUGS, ADD 100% ON RIGHT HAND THREAD PLUG.

4 PRICE FOR NON-STANDARD DIAMETER-PITCH COMBINATIONS AND DIAMETERS ABOVE 200mm ON REQUEST.

II] THREAD RINGS

1 PRICE FOR THREAD RINGS OTHER THAN 6g CLASS, DIAMETER UPTO 24mm ADD 50% ON 6g THREAD RING.

2 PRICE FOR THREAD RINGS OTHER THAN 6g CLASS, DIAMETER ABOVE 24mm ADD 25% ON 6g THREAD RING.

3 PRICE FOR LEFT HAND THREAD RINGS, ADD 100% ON RIGHT HAND THREAD RING.

4 PRICE FOR NON-STANDARD DIAMETER-PITCH COMBINATIONS AND DIAMETER ABOVE 200mm ON REQUEST.

III] CERTIFICATE OF CALIBRATION IS SUPPLIED WITH EACH GAUGE, TRACEABLE TO N.P.L STANDARDS.