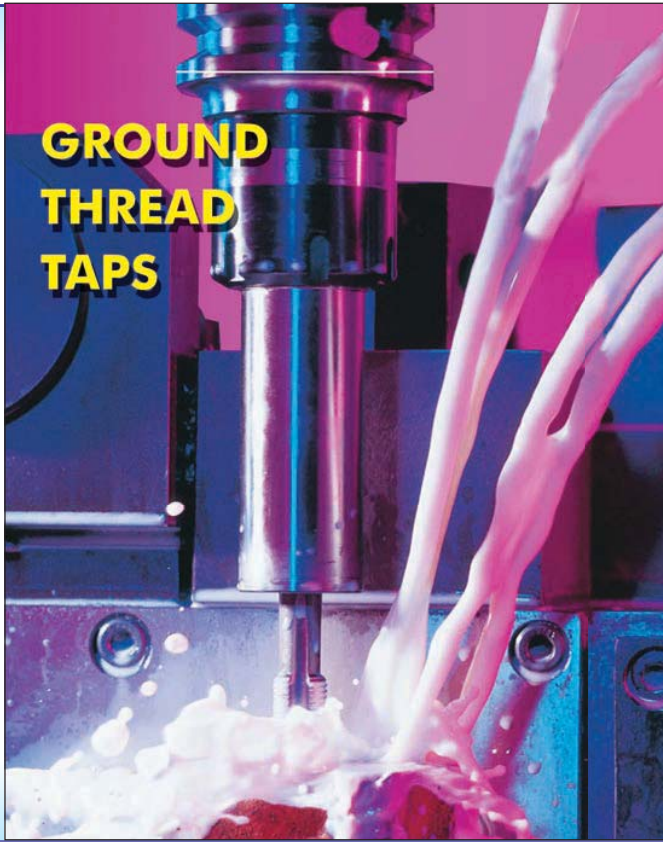
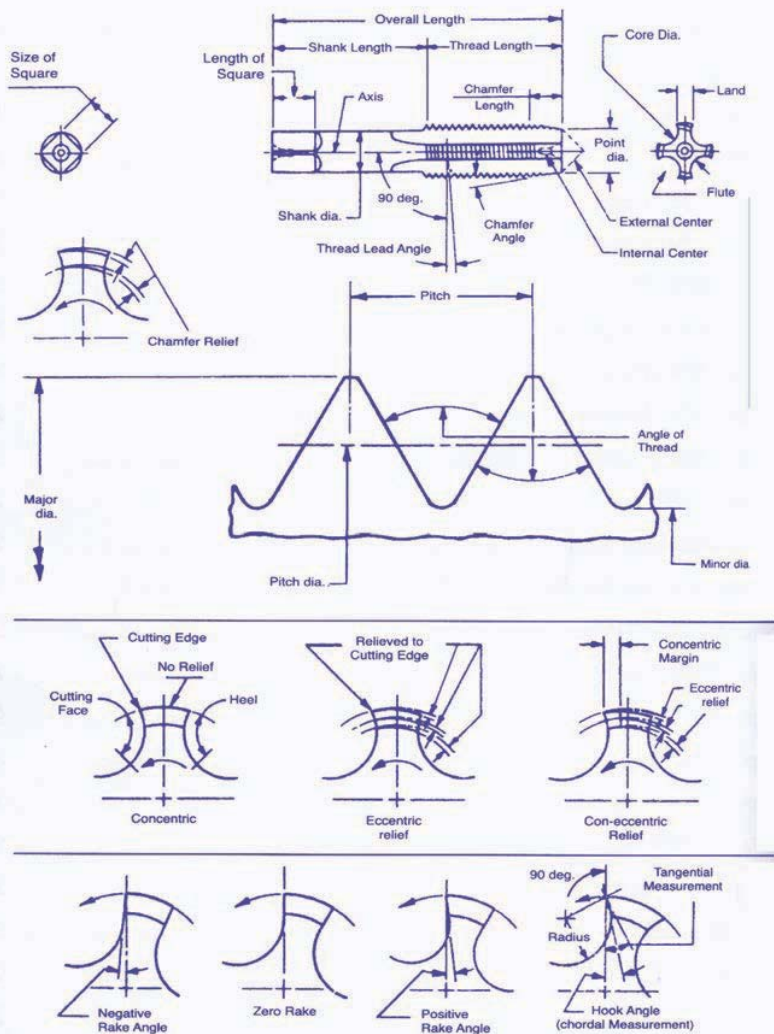


GROUND THREAD TAPS



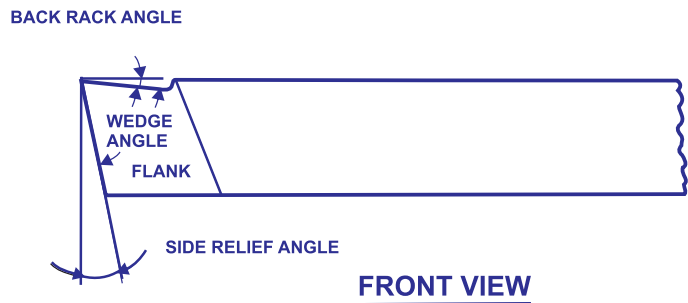
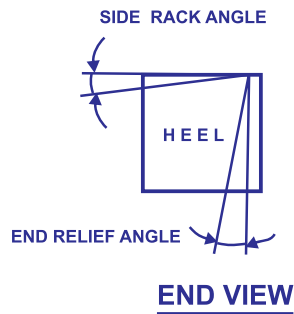
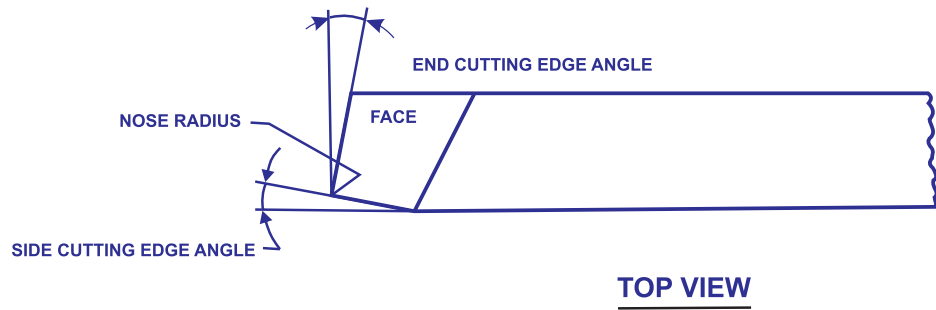
TAPS - NOMENCLATURE



SUPERIOR QUALITY TOOL BITS



TOOL BITS - NOMENCLATURE





HSS GROUND THREAD HAND TAPS M C P (NON-SERIAL) IS : 6175 - PART 2 & 3 - 1992 (6H TOL)
HSS GROUND THREAD MACHINE TAPS M C P IS : 6175 - PART 4 - 1991 (6H TOL)
HSS GROUND THREAD NUT TAPS M C P IS : 6175 PART 5 - 1991 (6H TOL)

Dia & Pitch mm	Price Each Rs.						
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		M/C Tap Long Shank Spiral Flute	Nut Tap
				Type A, C & D	Type B		
3 x 0.5	303	-	368	-	-	-	-
4 x 0.7	303	-	368	642	-	-	-
5 x 0.8	315	-	388	468	547	-	-
6 x 1.0	322	336	388	503	593	621	679
7 x 1.0	411	-	-	544	-	-	770
8 x 1.25	373	391	452	544	647	677	770
9 x 1.25	452	-	-	-	-	-	-
10 x 1.50	467	486	562	680	800	844	1026
11 x 1.50	715	-	-	-	-	-	-
12 x 1.75	713	753	859	959	1136	1221	1575
14 x 2.00	1035	1092	1251	1390	1637	1850	2188
16 x 2.00	1035	1092	1251	1390	1637	1850	2188
18 x 2.50	1561	1639	1874	2021	2388	2651	3346
20 x 2.50	2051	2094	2390	2507	2934	3144	4463
22 x 2.50	2130	2239	2560	2780	3275	3696	4528
24 x 3.00	2393	2497	2857	3105	3658	3993	5143
25 x 3.00	3000	-	3482	-	-	-	6149
27 x 3.00	3700	-	4325	4773	5636	-	7899
30 x 3.50	4133	-	4841	5254	6202	-	9755
33 x 3.50	5044	-	5892	6155	7451	-	10769
36 x 4.00	7005	-	8200	8049	-	-	13933
39 x 4.00	8224	-	9628	9695	-	-	16621
42 x 4.50	9602	-	11221	11071	-	-	19791
45 x 4.50	12912	-	15114	14841	-	-	23866
48 x 5.00	13769	-	16120	16689	-	-	27921
52 x 5.00	17284	-	20228	19322	-	-	-
56 x 5.50	24587	-	-	24855	-	-	-
60 x 5.50	25924	-	-	29340	-	-	-
64 x 6.00	27271	-	-	33107	-	-	-
68 x 6.00	34030	-	-	46122	-	-	-

<p>HAND TAPS : A set consists of Taper, Second & Bottoming. Part 2 design will be supplied from 3 mm to 10 mm including 10 mm Part 3 design will be supplied above 10 mm.</p> <p>MACHINE TAPS : Type 'A' – 5 Deg. Taper Angle with Long Taper Lead. Type 'B' – 10 Deg. Taper Lead Angle with Spiral point Type 'C' – 20 Deg. Taper Angle with Short Taper Lead Type 'D' – 10 Deg. Taper Angle without Spiral point</p>	<p>HAND TAPS & MACHINE TAPS A, B, C & D and SPIRAL FLUTE TAPS</p> <p>M.O.Q. – For sizes</p> <p>M3 & M4 – 100 Nos. each M5 to M10 – 150 Nos. each M12 to M16 – 100 Nos. each M18 to M22 – 45 Nos. each M24 to M33 – 25 Nos. each M35 to M39 – 20 Nos. each M40 to M45 – 15 Nos. each M48 to M52 – 10 Nos. each M56 to M60 – 5 Nos. each Above M64 – 3 Nos. each</p> <p>M.O.Q. – For sizes Nut Taps</p> <p>Upto M10 – 50 Nos. each M12 to M16 – 25 Nos. each M18 to M39 – 20 Nos. each Above M42 – 10 Nos. each</p>
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MC 44 WEF 010418

HSS GROUND THREAD HAND TAPS M F P (NON-SERIAL) IS : 6175 - PART 2 & 3 - 1992 (6H TOL)
HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)
HSS GROUND THREAD NUT TAPS M F P IS : 6175 PART 5 - 1991 (6H TOL)

Dia & Pitch mm	Price Each Rs.					
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		Nut Tap
				Type A, C & D	Type B	
3 x 0.35	491	-	525	-	-	-
3.5 x 0.35	491	-	525	-	-	-
4 x 0.5	433	-	525	-	-	-
5 x 0.5	423	-	513	575	-	-
6 x 0.75	433	474	513	575	685	748
7 x 0.75	502	-	600	652	778	968
8 x 0.75	497	-	595	621	737	878
8 x 1.0	452	496	537	621	737	878
9 x 0.75	552	-	705	854	1065	-
9 x 1.0	552	-	705	854	1065	878
10 x 0.75	624	-	773	-	-	-
10 x 1.0	525	572	616	717	854	1157
10 x 1.25	525	572	616	763	901	1157
11 x 1.0	874	-	1146	1111	1286	-
12 x 1.0	833	-	945	930	-	1816
12 x 1.25	833	880	945	1035	1225	1816
12 x 1.5	833	880	945	1035	1225	1816
14 x 1.0	1072	-	1288	1402	1660	2707
14 x 1.25	1101	1157	1319	1390	1637	2707
14 x 1.5	1035	1092	1251	1390	1637	2707
15 x 1.0	1260	-	-	1490	1745	-
15 x 1.5	1072	-	-	1390	1621	-
16 x 1.0	1072	-	1288	1490	1745	2707
16 x 1.5	1035	1092	1251	1390	1621	2707
18 x 1.0	1942	-	2181	2427	2916	3829
18 x 1.5	1813	1871	1990	2326	2742	3829
18 x 2.0	1813	2050	2181	2326	2742	3829
20 x 1.0	2404	-	2899	3031	3696	-
20 x 1.5	2251	2360	2511	3031	3583	4907
20 x 2.0	2251	2534	2899	3031	3583	4907
22 x 1.0	2721	-	3175	3031	3896	-
22 x 1.5	2446	2575	2739	3031	3708	5210
22 x 2.0	2446	2777	3175	3031	3708	5210
24 x 1.0	2769	-	2997	3512	4341	-
24 x 1.5	2769	2822	2997	3512	4137	6195
24 x 2.0	2769	3015	3450	3512	4137	6195
25 x 1.5	3061	-	3672	4572	5396	6965
25 x 2.0	3061	-	-	4572	5396	-
26 x 1.5	3078	-	-	4512	5325	-
26 x 2.0	3078	-	-	4512	5325	-
27 x 1.5	4110	-	4813	5396	6368	8780
27 x 2.0	4110	-	4813	5396	6368	-
28 x 1.5	4110	-	-	5831	6841	10934
28 x 2.0	4110	-	-	5831	6841	-
30 x 1.0	4637	-	-	6246	7345	-
30 x 1.5	4637	-	5413	6072	7163	10934
30 x 2.0	4637	-	5413	6072	7163	10934



MC 44 WEF 010418

HSS GROUND THREAD HAND TAPS M F P (NON-SERIAL) IS : 6175 - PART 2 & 3 - 1992 (6H TOL)
HSS GROUND THREAD MACHINE TAPS M F P IS : 6175 - PART 4 - 1991 (6H TOL)
HSS GROUND THREAD NUT TAPS M F P IS : 6175 PART 5 - 1991 (6H TOL)

Dia & Pitch mm	Price Each Rs.					
	Hand Tap	Short M/C Tap Spiral Flute	Hand Tap SPPT Type B	Machine Tap		Nut Tap
				Type A, C & D	Type B	
30 x 3.0	4637	—	5413	6072	7163	—
32 x 1.5	4878	—	—	6711	8011	—
32 x 2.0	4878	—	—	6711	8011	—
33 x 1.5	5652	—	—	7345	8715	12131
33 x 2.0	5652	—	—	7345	8715	12131
33 x 3.0	5652	—	—	7345	8715	—
35 x 1.5	7834	—	—	10208	—	—
36 x 1.5	7834	—	—	10208	—	—
36 x 2.0	7834	—	—	10208	—	—
36 x 3.0	7834	—	—	10208	—	—
39 x 1.5	9783	—	—	12400	—	—
39 x 2.0	9783	—	—	12400	—	—
39 x 3.0	9783	—	—	12400	—	—
40 x 1.5	9884	—	—	13348	—	—
40 x 2.0	10367	—	—	13348	—	—
40 x 3.0	10843	—	—	13348	—	—
42 x 1.5	10843	—	—	14079	—	—
42 x 2.0	10843	—	—	14079	—	—
42 x 3.0	10843	—	—	14079	—	—
42 x 4.0	10843	—	—	14079	—	—
45 x 1.5	15038	—	—	19643	—	—
45 x 2.0	15038	—	—	19643	—	—
45 x 3.0	15038	—	—	19643	—	—
45 x 4.0	15038	—	—	19643	—	—
48 x 1.5	15668	—	—	20352	—	—
48 x 2.0	15668	—	—	20352	—	—
48 x 3.0	15668	—	—	20352	—	—
48 x 4.0	15668	—	—	20352	—	—
50 x 1.5	17274	—	—	23690	—	—
50 x 2.0	17274	—	—	23690	—	—
50 x 3.0	17274	—	—	23690	—	—
52 x 1.5	19466	—	—	25291	—	—
52 x 2.0	19466	—	—	25291	—	—
52 x 3.0	19466	—	—	25291	—	—
52 x 4.0	19466	—	—	25291	—	—

HAND TAPS :
 A set consists of Taper & Bottoming.
 Part 2 design will be supplied upto and including 10 mm.
 Part 3 design will be supplied above 10 mm.

MACHINE TAPS :
 Type 'A' – 5 Deg. Taper Angle with Long Taper Lead.
 Type 'B' – 10 Deg. Taper Lead Angle with Spiral point
 Type 'C' – 20 Deg. Taper Angle with Short Taper Lead
 Type 'D' – 10 Deg. Taper Angle without Spiral point

HAND TAPS & MACHINE TAPS A, B, C & D and SPIRAL FLUTE TAPS

M.O.Q. – For sizes
 M3 & M4 – 100 Nos. each
 M5 to M10 – 150 Nos. each
 M12 to M16 – 100 Nos. each
 M18 to M22 – 45 Nos. each
 M24 to M33 – 25 Nos. each
 M35 to M39 – 20 Nos. each
 M40 to M45 – 15 Nos. each
 Above M48 – 10 Nos. each
 M.O.Q. – For sizes Nut Taps
 Upto M10 – 50 Nos. each
 M12 to M16 – 25 Nos. each
 Above M18 – 20 Nos. each



MC 44 WEF 010418

HSS GROUND THREAD HAND TAPS
BSW, BSF, UNC, UNF FORM

BS: 949 (PART 2) 1979
CLASS 2 TOL

Dia Inch	M.O.Q.				Price Each Rs.
	BSW	BSF	UNC	UNF	
3/16	150	150	*	*	315
1/4	150	150	150	150	322
5/16	100	100	100	100	373
3/8	100	100	100	100	443
7/16	100	100	100	100	572
1/2	100	100	100	100	721
9/16	100	100	100	100	1046
5/8	100	100	100	100	1046
11/16	35	35	35	35	1586
3/4	35	35	35	35	1586
13/16	35	35	35	35	1872
7/8	35	35	35	35	2153
1	20	20	20	20	2769
1.1/8	20	20	20	20	3756
1.1/4	20	20	30	30	4526
1.3/8	20	20	20	20	5840
1.1/2	20	20	20	20	7005
1.5/8	10	10	10	-	8211
1.3/4	10	10	10	-	9605
2	10	10	10	-	13769
2.1/4	5	5	5	-	20578
2.1/2	5	5	5	-	27007
2.3/4	3	3	3	-	33703
3	3	3	3	-	45228

Hand Tap consists of I, II & III Taps (Taper, Second & Bottoming)
Range of UNF Taps - Upto 1.1/2" dia only
*3/16" size UNC/UNF not covered in BSS standard

HSS GROUND THREAD NUT TAPS
BSW, BSF, UNC, UNF FORM

BS: 949-1969
ZONE - 3 TOL

Size Inch	Price each Rs.	Size Inch	Price each Rs.	Size Inch	Price each Rs.
1/4	679	5/8	2188	1.1/4	9595
5/16	770	11/16	2821	1.3/8	11823
3/8	944	3/4	3346	1.1/2	14184
7/16	1265	7/8	4528	1.3/4	19945
1/2	1575	1	5900	2	28167
9/16	2188	1.1/8	7957		

Range of UNF Nut Taps - Upto 1-1/2" dia only.

M.O.Q. - For sizes
 Upto 7/16" - 50 Nos. each
 Over 1/2" to 5/8" - 25 Nos. each
 Over 11/16 to 7/8" - 20 Nos. each
 Over 1" to 1-1/2" - 15 Nos. each
 Over 1-3/4" - 10 Nos. each



**HSS GROUND THREAD HAND TAPS
BSP (PARALLEL)
BSP (TAPER) (RC-SERIES)
NPT, NPS, NPSF & NPTF
BS CONDUIT (ZONE - 3)**

**BS: 949 - 1951
BS: 949 (PART 3) - 1982
BS: 949 - 1969
BS: 949 - 1951**

Dia Inch	Price Each Rs.						
	BSP (P)	NPS	NPSF	BSPT	NPT	BS CON	NPTF
1/16	-	-	-	-	651	-	651
1/8	471	558	676	625	651	-	756
1/4	732	966	1181	1126	1183	-	1427
3/8	1076	1191	1427	1508	1575	-	1747
1/2	1571	1719	2074	2192	2290	978	2545
5/8	1782	-	-	-	-	1492	-
3/4	2501	2657	3171	3487	3640	1950	3921
7/8	3107	-	-	-	-	-	-
1	3949	4477	5359	5421	5683	3031	6099
1.1/4	5929	6919	-	7758	8130	4406	8985
1.1/2	7388	8633	-	9619	10069	7045	-
1.3/4	11336	-	-	-	-	-	-
2	13270	15431	-	17363	18187	11899	-
2.1/4	22950	-	-	-	-	-	-
2.1/2	32888	-	-	50974	53392	-	-
2.3/4	36962	-	-	-	-	-	-
3	41667	-	-	66442	69608	-	-
3.1/2	54750	-	-	87334	91455	-	-
4	68894	-	-	109777	114996	-	-

**BSP (P), NPS, NPSF, BSPT, NPT & NPTF : A set consists of 2 Taps (Taper & Bottoming)
BS CON: A set consists of 3 Taps (Taper, Second & Bottoming)**

M.O.Q. - For Sizes

- 1/8" & 3/8" - 100 Nos. each
- 1/2" & 5/8" - 50 Nos. each
- 3/4", 7/8 & 1" - 25 Nos. each
- 1-1/4" - 20 Nos. each
- 1-1/2" & 1-3/4" - 15 Nos. each
- 2" - 10 Nos. each
- 2" and above - 5 Nos. each

Note : We can also supply BSP (Parallel) Taps to new BS: 949 PART 3-1982 (G/RP Series) at the same rates and M.O.Q. as given above for all sizes.

LPG CYLINDER TAPS 3/4" - 14 NGT non-interrupted 4 flutes can be supplied at Rs. 3241 each.

HSS GROUND THREAD HAND TAPS BSCY

BS: 949 - 1951

Size Inch	TPI	Price Each Rs.	Size Inch	TPI	Price Each Rs.
1/4	26	370	9/16	26	1379
5/16	26	451	9/16	26 LH	1379
3/8	26	576	1	24	2720
7/16	26	738	1.37	24	5702
1/2	26	903	1.37	24 LH	5702

A set consists of 3 Taps - Taper, Second & Bottoming.

M.O.Q. - For Sizes

- Upto 9/16" - 100 Nos. each
- 1" - 25 Nos. each
- 1.370" - 15 Nos. each