



PRICE LIST

(Effective from 20th April 2022)

HIGH PERFORMANCE TAPS (HSS-E) AND HIGH SPEED STEEL GROUND THREAD TAPS



EMKAY TOOLS

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CONTENTS

PAGE NO.

BRIGHT, TiN and TiCN/TiALN

METRIC COARSE : SHORT AND LONG SHANK MACHINE TAPS

i)	ISO 529, IS-6175-I, IS-6175-II, and IS-6175-III	1
ii)	ISO 2283, IS-6175-IV (IS-7821) and DIN-371	2
iii)	DIN 376	3

METRIC FINE : SHORT AND LONG SHANK MACHINE TAPS

i)	IS-6175-II, and DIN-371	3
ii)	IS-6175-III	4
iii)	ISO 2283, IS-6175-IV (IS-7821)	5
iv)	DIN-374	6

FRACTIONAL SIZES (UNC/UNF/BSW/BSF)

SHORT AND LONG SHANK MACHINE TAPS (UNC)

i)	ISO 529, BS 949, ISO 2283, IS-6175-IV (IS-7821), DIN-371	7
ii)	DIN-376,	8

SHORT AND LONG SHANK MACHINE TAPS (UNF)

i)	ISO 529, BS 949, ISO 2283, IS-6175-IV (IS-7821)	8
ii)	DIN-371, DIN-374, and DIN-376	9

SHORT AND LONG SHANK MACHINE TAPS (BSW)

i)	ISO 529, BS 949, ISO 2283, IS-6175-IV (IS-7821)	9
ii)	DIN-371, DIN-376	10

SHORT AND LONG SHANK MACHINE TAPS (BSF)

i)	ISO 529, BS 949, ISO 2283, IS-6175-IV (IS-7821)	10
ii)	DIN-371, DIN-376	

PIPE TAPS

BS 949	i)	BSP, BSPT, and BSP 6" LONG	11
	ii)	NPT, NPTF, NPSF, NPT 6", and NPSF 6" LONG	
	iii)	BSP FLUTELESS OIL GROOVE.	

NIB TAP	I)	NIB TAP	12
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HELICOIL STI TAPS

	i)	FLUTELESS and FLUTELESS OIL GROOVE.	13
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HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TIN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC COARSE ISO-529, IS-6175-I																
1.6 X 0.35	1453	1720	1566	1453	1518	1785	1630	1518			1571	1837	1682	1571		
1.8 X 0.35	1375	1720	1442	1375	1439	1785	1506	1439			1490	1837	1557	1490		
2 X 0.4	807	955	1029	807	871	1020	1094	871			924	1072	1145	924		
2.2 X 0.45	807	955	1052	807	871	1020	1116	871			924	1072	1167	924		
2.3 X 0.4	807	955	1052	807	871	1020	1116	871			924	1072	1167	924		
2.5 X 0.45	807	791	818	807	871	854	883	871			924	906	934	924		
2.6 X 0.45	807	791	818	807	871	854	883	871			924	906	934	924		
METRIC COARSE ISO-529, IS-6175-II																
3 X 0.5	512	583	669	512	577	648	734	577	791	895	628	700	784	628	853	958
3.5 X 0.6	512	578	669	512	577	642	734	577	783	895	628	693	784	628	847	958
4 X 0.7	512	578	669	512	577	642	734	577	783	895	628	693	784	628	847	958
5 X 0.8	535	618	702	535	600	683	765	600	832	935	651	734	818	651	895	997
6 X 1.0	535	629	702	535	600	693	765	600	846	935	651	744	818	651	909	997
7 X 1.0	690	798	904	690	779	887	993	779	1082	1211	850	958	1064	850	1169	1299
8 X 1.25	596	702	784	596	685	791	873	685	964	1066	756	862	944	756	1050	1153
9 X 1.25	759	890	991	759	872	1004	1105	872	1224	1347	962	1095	1196	962	1336	1459
10 X 1.50	759	890	991	759	872	1004	1105	872	1224	1347	962	1095	1196	962	1336	1459
METRIC COARSE ISO-529, IS-6175-III																
3 X 0.5	561	667	766	561	625	731	831	625			676	782	883	676		
3.5 X 0.6	582	709	784	582	647	774	849	647			697	825	900	697		
4 X 0.7	561	667	766	561	625	731	831	625	893	1014	676	782	883	676	955	1077
5 X 0.8	597	685	753	597	661	749	817	661	914	996	713	800	868	713	977	1060
6 X 1.0	597	685	755	597	661	749	819	661	914	1000	713	800	870	713	977	1063
7 X 1.0	760	918	1040	760	849	1007	1129	849	1229	1377	920	1078	1200	920	1315	1464
8 X 1.25	710	829	890	710	799	918	979	799	1120	1196	870	989	1050	870	1207	1283
9 X 1.25	807	1013	1185	807	920	1127	1299	920	1375	1585	1011	1218	1390	1011	1485	1696
10 X 1.50	807	1013	1185	807	920	1127	1299	920	1375	1585	1011	1218	1390	1011	1485	1696
11 X 1.5	1312	1644	1792	1312	1452	1784	1932	1452	2177	2357	1565	1896	2045	1565	2314	2494
12 X 1.75	1158	1392	1570	1158	1297	1532	1710	1297	1869	2086	1410	1644	1822	1410	2006	2223
14 X 2.00	1656	1985	2381	1656	1844	2173	2569	1844	2651	3135	1995	2323	2721	1995	2835	3319
16 X 2.00	1668	2041	2381	1668	1864	2239	2579	1864	2730	3146	2022	2397	2737	2022	2924	3338
18 X 2.5	2554	3277	3795	2554	2833	3555	4074	2833			3055	3778	4297	3055		
20 X 2.5	3282	4173	4644	3282	3656	4547	5018	3656			3956	4845	5318	3956		
22 X 2.5	4704	5183	5863	4704	5143	5621	6302	5143			5494	5973	6653	5494		
24 X 3.0	5048	5747	7167	5048	5486	6186	7605	5486			5837	6536	7956	5837		
25 X 3.0	5073	6279	7907	5073	5511	6718	8345	5511			5863	7069	8696	5863		
27 X 3.0	8030	9184	9864	8030	8468	9624	10303	8468			8820	9975	10653	8820		
30 X 3.5	8530	9801	11466	8530	9143	10414	12079	9143			9634	10904	12570	9634		
33 X 3.5	9088	13394	15404	9088	9702	14008	16017	9702			10191	14499	16507	10191		
36 X 4.0	12645	17703	20094	12645	13562	18620	21011	13562			14295	19354	21746	14295		

- SPECIAL TOLERANCE : 10% extra.
- MACHINE TAPS : TYPE "A" - 5 Deg. Taper angle with Longer taper lead.
 TYPE "B" - 10 Deg. Taper angle with Spiral point.
 TYPE "C" - 20 Deg. Taper angle with Shorter taper lead.
 TYPE "D" - 10 Deg. Taper angle without Spiral point.



HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC COARSE ISO-2283, IS-6175-IV (IS-7821)																
4 X 0.7	1080	1191	1330	1080	1144	1255	1395	1144	1532	1700	1197	1307	1446	1197	1595	1764
5 X 0.8	712	807	956	712	777	871	1021	777	1063	1244	828	922	1072	828	1127	1308
6 X 1.0	779	1014	1041	779	844	1078	1106	844	1317	1349	895	1131	1158	895	1379	1411
7 X 1.0	942	1103	1367	942	1031	1193	1456	1031	1454	1778	1103	1264	1529	1103	1541	1865
8 X 1.25	896	1058	1133	896	985	1147	1222	985	1399	1491	1056	1218	1293	1056	1486	1578
9 X 1.25	1118	1323	1414	1118	1232	1437	1527	1232	1753	1863	1323	1527	1619	1323	1863	1974
10 X 1.50	1118	1323	1414	1118	1232	1437	1527	1232	1753	1863	1323	1527	1619	1323	1863	1974
12 X 1.75	1503	1848	2086	1503	1643	1988	2226	1643	2425	2716	1755	2100	2338	1755	2562	2852
14 X 2.00	2365	2730	3124	2365	2554	2919	3312	2554	3561	4041	2704	3069	3464	2704	3744	4225
16 X 2.00	2335	2730	3124	2335	2533	2928	3321	2533	3573	4053	2691	3086	3479	2691	3765	4244
18 X 2.5	3574	4073	5558	3574	3852	4351	5836	3852			4075	4575	6059	4075		
20 X 2.5	4870	5313	6674	4870	5243	5686	7048	5243			5541	5986	7347	5541		
22 X 2.5	5695	6274	7083	5695	6133	6713	7521	6133			6484	7064	7872	6484		
24 X 3.0	6111	7171	8889	6111	6549	7611	9329	6549			6900	7962	9679	6900		
25 X 3.0	6777	8041	10399	6777	7215	8480	10838	7215			7566	8830	11190	7566		
27 X 3.0	9720	11119	12626	9720	10158	11558	13065	10158			10511	11908	13416	10511		
30 X 3.5	10775	11864	14725	10775	11389	12477	15338	11389			11878	12969	15830	11878		
33 X 3.5	10838	19720	23957	10838	11451	20332	24569	11451			11940	20822	25060	11940		
36 X 4.0	15342	19828	24757	15342	16259	20745	25675	16259			16994	21479	26408	16994		
METRIC COARSE DIN-371																
1.6 X 0.35	1497	1772	1566	1497	1561	1837	1630	1561			1614	1889	1682	1614		
1.8 X 0.35	1416	1772	1517	1416	1481	1837	1582	1481			1532	1889	1632	1532		
2 X 0.4	831	984	1083	831	896	1048	1148	896			948	1099	1200	948		
2.2 X 0.45	831	984	1107	831	896	1048	1171	896			948	1099	1222	948		
2.3 X 0.4	831	984	1107	831	896	1048	1171	896			948	1099	1222	948		
2.5 X 0.45	831	814	921	831	896	878	986	896			948	931	1039	948		
2.6 X 0.45	831	814	862	831	896	878	926	896			948	931	977	948		
3 X 0.5	528	601	689	528	593	666	754	593	811	919	643	717	805	643	875	983
3.5 X 0.6	528	596	689	528	593	660	754	593	805	919	643	711	805	643	868	983
4 X 0.7	528	596	689	528	593	660	754	593	805	919	643	711	805	643	868	983
5 X 0.8	551	637	722	551	616	702	787	616	854	959	668	753	838	668	918	1023
6 X 1.0	551	648	722	551	616	712	787	616	869	959	668	763	838	668	932	1023
7 X 1.0	711	823	931	711	800	912	1020	800	1112	1244	871	983	1091	871	1199	1331
8 X 1.25	614	722	808	614	703	811	897	703	989	1095	774	883	969	774	1076	1182
9 X 1.25	762	917	1021	762	876	1030	1134	876	1258	1383	967	1121	1224	967	1367	1494
10 X 1.50	762	917	1021	762	876	1030	1134	876	1258	1383	967	1121	1224	967	1367	1494

- SPECIAL TOLERANCE** : 10% extra.
- MACHINE TAPS** : TYPE "A" - 5 Deg. Taper angle with Longer taper lead.
 TYPE "B" - 10 Deg. Taper angle with Spiral point.
 TYPE "C" - 20 Deg. Taper angle with Shorter taper lead.
 TYPE "D" - 10 Deg. Taper angle without Spiral point.

VX (Series)
NEW

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC COARSE DIN-376																
4 X 0.7	628	747	860	628	692	811	924	692	989	1095	744	863	975	744	1053	1189
5 X 0.8	668	766	843	668	732	831	907	732	1014	1107	784	883	959	784	1077	1170
6 X 1.0	668	766	845	668	732	831	909	732	1014	1110	784	883	961	784	1077	1173
7 X 1.0	851	1028	1164	851	940	1117	1253	940	1363	1530	1011	1188	1325	1011	1450	1617
8 X 1.25	851	929	997	851	940	1018	1087	940	1242	1326	1011	1089	1158	1011	1329	1412
9 X 1.25	904	1134	1328	904	1018	1248	1442	1018	1522	1759	1109	1339	1532	1109	1632	1869
10 X 1.50	904	1134	1328	904	1018	1248	1442	1018	1522	1759	1109	1339	1532	1109	1632	1869
12 X 1.75	1331	1558	1757	1331	1471	1698	1897	1471	2072	2315	1584	1810	2010	1584	2209	2452
14 X 2.00	1854	2223	2668	1854	2042	2411	2856	2042	2942	3484	2193	2562	3007	2193	3126	3668
16 X 2.00	1866	2286	2668	1866	2064	2484	2864	2064	3030	3495	2223	2641	3022	2223	3223	3688
18 X 2.5	2861	3670	4251	2861	3140	3948	4530	3140			3362	4171	4752	3362		
20 X 2.5	3901	4673	5201	3901	4275	5047	5575	4275			4575	5346	5875	4575		
22 X 2.5	5268	5805	6566	5268	5708	6243	7006	5708			6059	6594	7356	6059		
24 X 3.0	5654	6437	8028	5654	6093	6875	8466	6093			6443	7226	8817	6443		
27 X 3.0	8993	10287	11048	8993	9432	10725	11487	9432			9783	11078	11838	9783		
30 X 3.5	9554	10977	12842	9554	10167	11591	13455	10167			10656	12080	13946	10656		
33 X 3.5	10179	15001	17253	10179	10791	15615	17865	10791			11283	16105	18357	11283		
36 X 4.0	14162	19828	22506	14162	15079	20745	23423	15079			15813	21479	24157	15813		
METRIC FINE ISO-529, IS-6175-II																
3 X 0.35	713	880	991	713	778	943	1055	778			830	995	1107	830		
4 X 0.5	713	880	900	713	778	943	965	778	1151	1178	830	995	1018	830	1215	1241
4 X .75	789	1030	1206	789	853	1095	1271	853	1336	1551	905	1147	1322	905	1399	1614
5 X .5/.75	805	977	1147	805	869	1042	1211	869	1271	1478	920	1094	1264	920	1335	1540
6 X .5	787	997	1148	787	851	1062	1212	851	1294	1478	904	1113	1264	904	1358	1541
6 X .75	787	997	1148	787	851	1062	1212	851	1294	1478	904	1113	1264	904	1358	1541
7 X .75	835	1121	1194	835	924	1211	1283	924	1477	1564	995	1283	1354	995	1564	1651
8 X .5/.75	853	1177	1276	853	942	1266	1365	942	1543	1665	1014	1337	1437	1014	1630	1753
8 X 1.0	747	851	994	747	836	940	1083	836	1148	1321	907	1011	1154	907	1234	1408
9 X 1.0	928	1181	1252	928	1041	1294	1365	1041	1579	1666	1132	1385	1456	1132	1691	1778
10 X 1.0	905	1091	1249	905	1019	1204	1362	1019	1469	1663	1110	1295	1453	1110	1580	1773
10 X 1.25	862	1031	1199	862	975	1145	1312	975	1397	1601	1065	1236	1402	1065	1508	1711
Notes : We can also give the above sizes in DIN-371 blanks at 3% extra.																

VX (Series)



HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC FINE ISO-529, IS-6175-III																
3 X 0.35	851	1011	1199	851	916	1076	1264	916			967	1128	1314	967		
4 X 0.5	908	1185	1597	908	973	1250	1662	973			1025	1301	1713	1025		
4 X .75	752	1011	1198	752	816	1076	1262	816			867	1128	1313	867		
5 X .5/.75	864	1050	1232	864	929	1115	1296	929	1360	1582	979	1166	1348	979	1424	1645
6 X .5	905	1147	1319	905	970	1211	1383	970	1477	1688	1022	1262	1434	1022	1540	1751
6 X .75	905	1147	1376	905	970	1211	1441	970	1477	1757	1022	1262	1491	1022	1540	1820
7 X .75	964	1290	1363	964	1053	1379	1452	1053	1683	1772	1125	1450	1523	1125	1770	1859
8 X .5/.75	1023	1354	1468	1023	1112	1443	1557	1112	1760	1900	1183	1514	1628	1183	1847	1986
8 X 1.0	835	1032	1177	835	924	1121	1266	924	1370	1543	995	1194	1337	995	1455	1630
9 X 1.0	1001	1262	1437	1001	1114	1376	1551	1114	1678	1891	1204	1466	1641	1204	1788	2002
10 X 1.0	1001	1262	1437	1001	1114	1376	1551	1114	1678	1891	1204	1466	1641	1204	1788	2002
10 X 1.25	926	1185	1376	926	1040	1299	1489	1040	1585	1818	1130	1390	1580	1130	1696	1928
11 X 1.0	1545	1963	2258	1545	1686	2104	2399	1686	2566	2926	1799	2216	2510	1799	2703	3063
12 X 1.50	1367	1583	1870	1367	1508	1723	2010	1508	2102	2452	1621	1835	2122	1621	2240	2589
12 X 1.0/1.25	1367	1583	1941	1367	1508	1723	2082	1508	2102	2540	1621	1835	2194	1621	2240	2677
14 X 1.0	1830	2195	2668	1830	2017	2382	2856	2017	2906	3484	2169	2534	3007	2169	3090	3668
14 X 1.25	1866	2076	2439	1866	2055	2264	2627	2055	2762	3204	2205	2414	2777	2205	2945	3388
14 X 1.50	1678	2041	2409	1678	1866	2229	2598	1866	2721	3170	2017	2380	2749	2017	2904	3353
16 X 1.0	1877	2236	2714	1877	2074	2432	2911	2074	2968	3551	2231	2590	3068	2231	3160	3743
16 X 1.50	1678	2041	2409	1678	1876	2239	2607	1876	2730	3181	2034	2397	2765	2034	2924	3374
18 X 1.0/2.0	3109	4491	4743	3109	3388	4769	5022	3388			3610	4993	5246	3610		
18 X 1.5	3224	3709	4236	3224	3502	3987	4514	3502			3726	4210	4737	3726		
20 X 1.0/2.0	3917	5547	6749	3917	4291	5922	7123	4291			4591	6220	7422	4591		
20 X 1.5	4143	5064	5479	4143	4517	5438	5853	4517			4816	5738	6151	4816		
22 X 1.0/2.0	4735	6329	7388	4735	5173	6767	7828	5173			5524	7119	8179	5524		
22 X 1.5	4385	5747	7042	4385	4824	6186	7480	4824			5175	6536	7832	5175		
24 X 1.0/2.0	4874	6269	8123	4874	5313	6708	8561	5313			5665	7059	8913	5665		
24 X 1.5	4874	6269	7487	4874	5313	6708	7925	5313			5665	7059	8277	5665		
25 X 1.0/2.0	5263	7631	9423	5263	5701	8070	9861	5701			6053	8421	10212	6053		
25 X 1.5	5173	7631	9423	5173	5613	8070	9861	5613			5964	8421	10212	5964		
26 X 1.0	6700	8513	11072	6700	7139	8951	11512	7139			7490	9302	11862	7490		
27 X 1.0/2.0	7396	9044	11506	7396	7834	9483	11946	7834			8185	9834	12296	8185		
27 X 1.5	7302	9044	11388	7302	7740	9483	11826	7740			8091	9834	12178	8091		
30 X 1.0/2.0	8082	11724	12604	8082	8695	12338	13217	8695			9185	12828	13708	9185		
30 X 1.5	8082	10318	12604	8082	8695	10931	13217	8695			9185	11422	13708	9185		
33 X 1.0/2.0	10897	12532	14742	10897	11511	13145	15355	11511			12000	13635	15847	12000		
33 X 1.5	10877	12507	15389	10877	11489	13121	16002	11489			11979	13610	16493	11979		
36 X 1.5	14036	15347	21347	14036	14953	16265	22264	14953			15686	16998	22999	15686		
36 X 1.0/2.0	14036	15347	21347	14036	14953	16265	22264	14953			15686	16998	22999	15686		

VX (Series)
NEW

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC FINE ISO-2283, IS-6175-IV (IS-7821)																
4 X .75	1471	1643	2147	1471	1536	1708	2211	1536	2083	2698	1587	1759	2264	1587	2145	2761
5 X .5/.75	1070	1303	1562	1070	1134	1366	1627	1134	1667	1985	1185	1418	1678	1185	1731	2048
6 X .5	1121	1419	1703	1121	1186	1484	1767	1186	1809	2156	1238	1535	1819	1238	1873	2220
6 X .75	1121	1419	1847	1121	1186	1484	1911	1186	1809	2332	1238	1535	1963	1238	1873	2396
7 X .75	1196	1597	1679	1196	1285	1686	1768	1285	2056	2158	1356	1757	1840	1356	2143	2245
8 X .5/.75	1205	1675	1960	1205	1294	1764	2049	1294	2153	2499	1365	1835	2120	1365	2240	2586
8 X 1.0	1038	1384	1544	1038	1127	1473	1633	1127	1798	1994	1198	1544	1706	1198	1885	2080
9 X 1.0	1377	1529	1888	1377	1490	1642	2001	1490	2003	2441	1580	1733	2091	1580	2114	2552
10 X 1.0	1377	1529	1888	1377	1490	1642	2001	1490	2003	2441	1580	1733	2091	1580	2114	2552
10 X 1.25	1246	1411	1801	1246	1359	1525	1914	1359	1860	2335	1449	1615	2006	1449	1972	2446
11 X 1.0	1871	2200	2781	1871	2011	2339	2921	2011	2854	3565	2123	2451	3034	2123	2990	3702
12 X 1.50	1789	2104	2401	1789	1930	2244	2541	1930	2738	3101	2043	2356	2653	2043	2874	3237
12 X 1.0/1.25	1822	2246	2425	1822	1962	2386	2565	1962	2911	3130	2074	2497	2678	2074	3048	3267
14 X 1.0	2357	2806	3269	2357	2544	2994	3457	2544	3651	4218	2695	3144	3608	2695	3835	4402
14 X 1.25	2397	2830	3269	2397	2584	3018	3457	2584	3681	4218	2735	3169	3608	2735	3864	4402
14 X 1.50	2350	2660	2961	2350	2538	2849	3149	2538	3475	3842	2689	2999	3300	2689	3659	4026
16 X 1.0	2737	3147	3621	2737	2933	3344	3818	2933	4080	4658	3091	3501	3975	3091	4271	4851
16 X 1.50	2293	2779	3297	2293	2490	2975	3495	2490	3630	4264	2648	3133	3653	2648	3823	4457
18 X 1.0/2.0	3965	5437	5853	3965	4243	5715	6131	4243			4467	5939	6354	4467		
18 X 1.5	4006	4928	5453	4006	4284	5207	5732	4284			4507	5430	5955	4507		
20 X 1.0/2.0	5574	7062	7952	5574	5948	7436	8326	5948			6247	7736	8624	6247		
20 X 1.5	5574	7062	7907	5574	5948	7436	8280	5948			6247	7736	8578	6247		
22 X 1.0/2.0	5700	7662	8644	5700	6140	8100	9084	6140			6491	8452	9434	6491		
22 X 1.5	5700	7140	9844	5700	6140	7579	10283	6140			6491	7929	10634	6491		
24 X 1.0/2.0	6516	8550	9709	6516	6954	8990	10149	6954			7306	9340	10499	7306		
24 X 1.5	6157	8301	9887	6157	6596	8740	10326	6596			6947	9090	10678	6947		
25 X 1.0/2.0	7437	9237	11609	7437	7876	9676	12047	7876			8229	10028	12398	8229		
25 X 1.5	7474	9237	11609	7474	7912	9676	12047	7912			8264	10028	12398	8264		
26 X 1.0	9103	10305	13640	9103	9542	10744	14080	9542			9893	11095	14431	9893		
27 X 1.0/2.0	9577	10949	14176	9577	10016	11389	14615	10016			10367	11739	14966	10367		
27 X 1.5	9588	10949	14029	9588	10028	11389	14469	10028			10378	11739	14819	10378		
30 X 1.0/2.0	10345	14193	15528	10345	10959	14806	16142	10959			11449	15296	16631	11449		
30 X 1.5	10384	12490	15871	10384	10997	13103	16484	10997			11488	13594	16974	11488		
33 X 1.0/2.0	12563	14793	17335	12563	13175	15405	17947	13175			13665	15897	18439	13665		
33 X 1.5	13833	15908	19398	13833	14445	16521	20011	14445			14936	17011	20501	14936		
36 X 1.5	18285	20501	26299	18285	19203	21419	27216	19203			19937	22152	27950	19937		
36 X 1.0/2.0	18285	20501	26299	18285	19203	21419	27216	19203			19937	22152	27950	19937		



HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)	STRAIGHT FLUTES (6H TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (6H TOL.)	SPIRAL POINT VX (Series) (6H TOL.)	SPIRAL FLUTE VX (Series) (6H TOL.)
METRIC FINE D-374																
4 X .75	1018	1328	1788	1018	1082	1393	1853	1082			1133	1444	1906	1133		
5 X .5/.75	967	1177	1380	967	1031	1241	1445	1031			1084	1293	1496	1084		
6 X .5	1014	1285	1477	1014	1078	1349	1541	1078	1645	1882	1130	1400	1594	1130	1709	1944
6 X .75	1014	1285	1540	1014	1078	1349	1605	1078	1645	1959	1130	1400	1657	1130	1709	2021
7 X .75	1080	1445	1527	1080	1169	1534	1617	1169	1871	1972	1240	1605	1688	1240	1958	2060
8 X .5/.75	1145	1516	1644	1145	1234	1605	1733	1234	1958	2115	1306	1676	1804	1306	2045	2202
8 X 1.0	935	1156	1318	935	1024	1246	1407	1024	1520	1716	1095	1317	1478	1095	1607	1803
9 X 1.0	1196	1519	1612	1196	1309	1632	1727	1309	1993	2107	1400	1724	1818	1400	2104	2218
10 X 1.0	1120	1414	1609	1120	1234	1527	1723	1234	1863	2101	1325	1619	1815	1325	1974	2212
10 X 1.25	1038	1328	1540	1038	1151	1442	1654	1151	1759	2018	1241	1532	1745	1241	1869	2130
11 X 1.0	1732	2200	2529	1732	1872	2339	2669	1872	2854	3256	1983	2451	2781	1983	2990	3393
12 X 1.50	1532	1773	2095	1532	1672	1913	2234	1672	2334	2725	1784	2025	2346	1784	2471	2863
12 X 1.0/1.25	1532	1773	2174	1532	1672	1913	2314	1672	2334	2824	1784	2025	2426	1784	2471	2961
14 X 1.0	2049	2457	2987	2049	2238	2646	3175	2238	3228	3874	2387	2796	3326	2387	3412	4058
14 X 1.25	2091	2325	2730	2091	2280	2513	2919	2280	3065	3561	2429	2662	3069	2429	3249	3744
14 X 1.50	1880	2325	2699	1880	2068	2513	2887	2068	3065	3522	2218	2662	3038	2218	3249	3705
16 X 1.0	2103	2503	3039	2103	2291	2692	3227	2291	3284	3938	2441	2841	3378	2441	3468	4121
16 X 1.50	1880	2286	2699	1880	2078	2484	2897	2078	3030	3534	2236	2641	3054	2236	3223	3726
18 X 1.0/2.0	3482	5030	5313	3482	3761	5308	5591	3761			3983	5531	5815	3983		
18 X 1.5	3610	4153	4743	3610	3889	4431	5022	3889			4113	4655	5246	4113		
20 X 1.0/2.0	4387	6212	7559	4387	4762	6586	7933	4762			5060	6886	8232	5060		
20 X 1.5	4640	5671	6135	4640	5013	6046	6510	5013			5313	6345	6809	5313		
22 X 1.0/2.0	5303	7088	8276	5303	5741	7527	8715	5741			6093	7879	9066	6093		
22 X 1.5	4911	6610	7886	4911	5350	7048	8326	5350			5701	7399	8676	5701		
24 X 1.0/2.0	5459	7022	9098	5459	5898	7461	9536	5898			6249	7812	9887	6249		
24 X 1.5	5459	7022	8385	5459	5898	7461	8824	5898			6249	7812	9175	6249		
25 X 1.0/2.0	6321	8547	10554	6321	6761	8987	10992	6761			7112	9337	11343	7112		
25 X 1.5	5794	8547	10554	5794	6234	8987	10992	6234			6584	9337	11343	6584		
26 X 1.0	7505	9534	12401	7505	7943	9973	12839	7943			8294	10324	13191	8294		
27 X 1.0/2.0	8283	10129	12888	8283	8721	10569	13326	8721			9073	10919	13678	9073		
27 X 1.5	8178	10129	12754	8178	8617	10569	13192	8617			8967	10919	13543	8967		
30 X 1.0/2.0	9051	13132	14117	9051	9664	13745	14730	9664			10155	14235	15219	10155		
30 X 1.5	9051	11555	14117	9051	9664	12168	14730	9664			10155	12660	15219	10155		
33 X 1.0/2.0	12204	14036	16512	12204	12817	14648	17124	12817			13309	15139	17615	13309		
33 X 1.5	12181	14009	17236	12181	12795	14622	17849	12795			13285	15111	18339	13285		
36 X 1.5	15720	17188	23908	15720	16637	18106	24826	16637			17371	18840	25559	17371		
36 X 1.0/2.0	15720	17188	23908	15720	16637	18106	24826	16637			17371	18840	25559	17371		

VX (Series)
NEW

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)
IS-6175-I,II,III, BS-949 & ISO 529 UNIFIED COARSE (UNC)																
No. 2 - 56	731	895	1029	731	796	959	1094	796			847	1010	1145	847		
No. 4 - 40	614	780	897	614	677	845	961	677	1030	1173	729	896	1013	729	1093	1236
No. 6 - 32	530	667	732	530	595	731	797	595	893	973	646	783	848	646	955	1036
No. 8 - 32	532	647	732	532	597	711	797	597	868	973	648	762	848	648	931	1036
No. 10 - 24	530	654	732	530	595	719	797	595	877	973	646	771	848	646	940	1036
1/4" - 20	551	661	760	551	616	726	825	616	885	1006	667	777	877	667	949	1070
5/16" - 18	606	757	838	606	695	846	928	695	1032	1131	766	917	999	766	1119	1219
3/8" - 16	749	904	1029	749	863	1018	1143	863	1241	1395	954	1109	1234	954	1353	1506
7/16" - 14	1006	1167	1327	1006	1147	1308	1467	1147	1595	1789	1259	1419	1579	1259	1732	1927
1/2" - 13	1219	1438	1682	1219	1359	1578	1822	1359	1926	2223	1471	1691	1933	1471	2063	2360
5/8" - 11	1724	2134	2620	1724	1921	2332	2817	1921	2844	3437	2079	2489	2974	2079	3037	3629
3/4" - 10	2688	3235	3402	2688	3053	3600	3767	3053			3346	3891	4060	3346		
7/8" - 9	3677	4820	5917	3677	4116	5260	6357	4116			4467	5610	6708	4467		
1" - 8	5109	6387	7427	5109	5548	6826	7866	5548			5899	7178	8217	5899		
1.1/8" - 7	8530	9601	12480	8530	9447	10769	13730	9447			10181	11936	14980	10181		
1.1/4" - 7	8158	11688	15192	8158	9548	13355	16977	9548			10937	15022	18762	10937		
1.3/8" - 6	10522	16260	21143	10522	12449	18574	23616	12449			14377	20887	26090	14377		
1.1/2" - 6	12637	19092	24823	12637	15388	22396	28354	15388			18140	25696	31886	18140		
1.5/8" -	14826	22257	28931	14826	18300	26424	33393	18300			21774	30593	37852	21774		
1.3/4" - 5	17892	29975	38969	17892	21366	34145	43430	21366			24840	38313	47890	24840		
2" - 4.5	24859			24859	28425			28425			31992			31992		
ISO 2283 IS-6175-IV (IS-7821) UNIFIED COARSE (UNC)																
No. 10 - 24	852	1071	1277	852	917	1135	1342	917	1384	1638	969	1186	1394	969	1448	1699
1/4" - 20	919	1120	1218	919	984	1185	1283	984	1447	1564	1036	1238	1333	1036	1509	1627
5/16" - 18	994	1217	1246	994	1083	1306	1335	1083	1594	1627	1154	1377	1406	1154	1681	1714
3/8" - 16	1274	1515	1655	1274	1388	1628	1768	1388	1986	2158	1479	1718	1860	1479	2097	2269
7/16" - 14	1537	1787	2255	1537	1677	1928	2396	1677	2352	2921	1789	2041	2508	1789	2489	3058
1/2" - 13	1803	2127	3367	1803	1943	2267	3508	1943	2766	4278	2055	2380	3620	2055	2902	4415
5/8" - 11	2579	3252	3675	2579	2776	3450	3873	2776			2933	3607	4031	2933		
3/4" - 10	5170	5944	7367	5170	5535	6309	7732	5535			5827	6602	8024	5827		
7/8" - 9	5956	7015	8416	5956	6395	7454	8855	6395			6746	7805	9207	6746		
1" - 8	8559	10845	12936	8559	8997	11284	13375	8997			9350	11635	13726	9350		
DIN-371 UNIFIED COARSE (UNC)																
No. 2 - 56	754	921	1061	754	818	986	1126	818			869	1039	1177	869		
No. 4 - 40	632	803	924	632	696	868	988	696	1060	1206	748	919	1041	748	1121	1269
No. 6 - 32	546	687	755	546	610	752	819	610	916	1000	663	802	870	663	979	1062
No. 8 - 32	548	666	755	548	613	730	819	613	891	1000	665	782	870	665	954	1062
No. 10 - 24	546	674	755	546	610	739	819	610	902	1000	663	791	870	663	964	1062
1/4" - 20	568	682	782	568	632	746	847	632	909	1034	684	797	899	684	973	1097
5/16" - 18	624	779	864	624	713	868	953	713	1060	1162	784	939	1024	784	1147	1249
3/8" - 16	772	931	1061	772	885	1044	1174	885	1274	1432	976	1135	1265	976	1384	1542



HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (6H TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (6H TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)
DIN-376 UNIFIED COARSE (UNC)																
No. 10 - 24	725	911	1087	725	789	975	1151	789	1188	1403	842	1026	1202	842	1252	1467
1/4" - 20	781	953	1036	781	846	1018	1099	846	1241	1341	898	1068	1151	898	1305	1405
5/16" - 18	845	1034	1059	845	934	1123	1148	934	1371	1400	1005	1195	1219	1005	1456	1487
3/8" - 16	1083	1288	1407	1083	1197	1401	1520	1197	1710	1854	1288	1491	1611	1288	1820	1965
7/16" - 14	1307	1519	1916	1307	1447	1660	2056	1447	2025	2510	1559	1772	2169	1559	2161	2647
1/2" - 13	1533	1807	2862	1533	1673	1948	3002	1673	2377	3663	1785	2061	3114	1785	2513	3800
5/8" - 11	2192	2765	3124	2192	2389	2962	3321	2389			2547	3120	3479	2547		
3/4" - 10	4395	5053	6262	4395	4760	5418	6627	4760			5052	5710	6918	5052		
7/8" - 9	5063	5963	7154	5063	5502	6402	7593	5502			5853	6752	7943	5853		
1" - 8	7275	9219	10995	7275	7713	9657	11435	7713			8065	10008	11785	8065		
IS-6175-I,II,III, BS-949 & ISO 529 UNIFIED FINE (UNF)																
No. 2 - 64	731	914	1050	731	796	978	1115	796			847	1029	1166	847		
No. 4 - 48	614	780	897	614	677	845	961	677	1030	1173	729	896	1013	729	1093	1236
No. 6 - 40	530	667	732	530	595	731	797	595	893	973	646	783	848	646	955	1036
No. 8 - 36	532	647	732	532	597	711	797	597	868	973	648	762	848	648	931	1036
No. 10 - 32	530	654	732	530	595	719	797	595	877	973	646	771	848	646	940	1036
1/4" - 28	551	661	760	551	616	726	825	616	885	1006	667	777	877	667	949	1070
5/16" - 24	606	757	838	606	695	846	928	695	1032	1131	766	917	999	766	1119	1219
3/8" - 24	783	904	1029	783	897	1018	1143	897	1241	1395	987	1109	1234	987	1353	1506
7/16" - 20	1006	1167	1327	1006	1147	1308	1467	1147	1595	1789	1259	1419	1579	1259	1732	1927
1/2" - 20	1219	1491	1682	1219	1359	1631	1822	1359	1990	2223	1471	1743	1933	1471	2127	2360
5/8" - 18	1724	2134	2620	1724	1921	2332	2817	1921	2844	3437	2079	2489	2974	2079	3037	3629
3/4" - 16	2688	3235	3402	2688	3053	3600	3767	3053			3346	3891	4060	3346		
7/8" - 14	3677	4820	5917	3677	4116	5260	6357	4116			4467	5610	6708	4467		
1" - 12	5109	6387	7427	5109	5548	6826	7866	5548			5899	7178	8217	5899		
1.1/8" - 12	8530	9601	12480	8530	9447	10769	13730	9447			10181	11936	14980	10181		
1.1/4" - 12	8158	11688	15192	8158	9548	13355	16977	9548			10937	15022	18762	10937		
1.3/8" - 12	10522	16260	21143	10522	12449	18574	23616	12449			14377	20887	26090	14377		
1.1/2" - 12	12637	19092	24823	12637	15388	22396	28354	15388			18140	25696	31886	18140		
1.5/8"	14826	22257	28931	14826	18300	26424	33393	18300			21774	30593	37852	21774		
1.3/4"	17892	29975	38969	17892	21366	34145	43430	21366			24840	38313	47890	24840		
2"	24859			24859	28425			28425			31992			31992		
Notes : We can also give the No. 2 - 64 to 3/8" - 24 sizes in DIN-371 blanks at 3% extra.																
ISO 2283 IS-6175-IV (IS-7821) UNIFIED FINE (UNF)																
No. 10 - 32	852	1071	1277	852	917	1135	1342	917	1384	1638	969	1186	1394	969	1448	1699
1/4" - 28	919	1120	1218	919	984	1185	1283	984	1447	1564	1036	1238	1333	1036	1509	1627
5/16" - 24	994	1217	1246	994	1083	1306	1335	1083	1594	1627	1154	1377	1406	1154	1681	1714
3/8" - 24	1274	1515	1655	1274	1388	1628	1768	1388	1986	2158	1479	1718	1860	1479	2097	2269
7/16" - 20	1537	1787	2502	1537	1677	1928	2643	1677	2352	3223	1789	2041	2755	1789	2489	3360
1/2" - 20	1803	2127	3367	1803	1943	2267	3508	1943	2766	4278	2055	2380	3620	2055	2902	4415
5/8" - 18	2579	3252	3675	2579	2776	3450	3873	2776	4209	4724	2933	3607	4031	2933	4401	4917
3/4" - 16	5170	5944	7367	5170	5535	6309	7732	5535			5827	6602	8024	5827		
7/8" - 14	5956	7015	8416	5956	6395	7454	8855	6395			6746	7805	9207	6746		
1" - 12	8559	10845	12936	8559	8997	11284	13375	8997			9350	11635	13726	9350		

VX (Series)
NEW

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)
DIN-374/DIN-376 UNIFIED FINE (UNF)																
No. 10 - 32	725	911	1087	725	789	975	1151	789	1188	1403	842	1026	1202	842	1252	1467
1/4" - 28	781	953	1036	781	846	1018	1099	846	1241	1341	898	1068	1151	898	1305	1405
5/16" - 24	845	1034	1059	845	934	1123	1148	934	1371	1400	1005	1195	1219	1005	1456	1487
3/8" - 24	1083	1288	1407	1083	1197	1401	1520	1197	1710	1854	1288	1491	1611	1288	1820	1965
7/16" - 20	1307	1519	2127	1307	1447	1660	2267	1447	2025	2766	1559	1772	2380	1559	2161	2902
1/2" - 20	1533	1807	2862	1533	1673	1948	3002	1673	2377	3663	1785	2061	3114	1785	2513	3800
5/8" - 18	2192	2765	3124	2192	2389	2962	3321	2389	3613	4052	2547	3120	3479	2547	3806	4244
3/4" - 16	4395	5053	6262	4395	4760	5418	6627	4760			5052	5710	6918	5052		
7/8" - 14	5063	5963	7154	5063	5502	6402	7593	5502			5853	6752	7943	5853		
1" - 12	7275	9219	10995	7275	7713	9657	11435	7713			8065	10008	11785	8065		
IS-6175-I,II,III, BS-949 & ISO 529 British Standard Whitworth (BSW)																
1/8" - 40	530	725	833	530	595	789	898	595	962	1095	646	842	950	646	1026	1159
5/32" - 32	532	693	776	532	597	758	841	597	925	1025	648	809	893	648	987	1089
1/4" - 20	557	659	760	557	621	724	825	621	883	1006	672	775	877	672	944	1070
5/16" - 18	674	787	938	674	763	876	1027	763	1068	1253	835	948	1098	835	1156	1340
3/8" - 16	851	914	1128	851	965	1027	1241	965	1253	1514	1056	1118	1331	1056	1364	1624
7/16" - 14	1085	1308	1571	1085	1225	1448	1711	1225	1766	2087	1338	1560	1823	1338	1904	2224
1/2" - 12	1345	1504	1708	1345	1486	1644	1848	1486	2006	2255	1597	1756	1960	1597	2142	2391
5/8" - 11	1791	2134	2620	1791	1988	2332	2817	1988	2844	3437	2146	2489	2974	2146	3037	3629
3/4" - 10	3297	3792	4339	3297	3663	4157	4704	3663			3955	4450	4997	3955		
7/8" - 9	4024	5183	6923	4024	4463	5621	7362	4463			4815	5972	7712	4815		
1" - 8	5876	8051	10082	5876	6315	8490	10521	6315			6667	8841	10872	6667		
ISO 2283 IS-6175-IV (IS-7821) British Standard Whitworth (BSW)																
1/4" - 20	929	1170	1402	929	993	1234	1467	993	1506	1789	1044	1287	1518	1044	1570	1853
5/16" - 20	994	1217	1403	994	1083	1306	1492	1083	1594	1822	1154	1377	1564	1154	1681	1909
3/8" - 16	1315	1515	1818	1315	1429	1628	1931	1429	1986	2356	1520	1718	2022	1520	2097	2468
7/16" - 14	1691	1966	2262	1691	1831	2107	2402	1831	2569	2930	1943	2219	2513	1943	2707	3067
1/2" - 12	1941	2427	3411	1941	2082	2567	3552	2082	3132	4333	2194	2679	3663	2194	3269	4470
5/8" - 11	2579	3202	3752	2579	2776	3400	3950	2776	4147	4818	2933	3558	4107	2933	4339	5011
3/4" - 10	5619	6462	7693	5619	5984	6827	8058	5984			6277	7119	8349	6277		
7/8" - 9	6180	7045	9242	6180	6619	7483	9680	6619			6970	7835	10031	6970		
1" - 8	8559	10845	14142	8559	8997	11284	14580	8997			9350	11635	14932	9350		



HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

DIA & PITCH (mm)	BRIGHT				TiN-COATED						TiCN/TiAlN-COATED					
	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)	STRAIGHT FLUTES (2B TOL.)	SPIRAL POINT (2B TOL.)	SPIRAL FLUTE (2B TOL.)	CAST IRON (2B TOL.)	SPIRAL POINT VX (Series) (2B TOL.)	SPIRAL FLUTE VX (Series) (2B TOL.)
DIN-371 British Standard Whitworth (BSW)																
1/8" -40	546	747	859	546	610	811	922	610	989	1127	663	863	975	663	1052	1189
5/32" - 32	548	714	799	548	613	779	864	613	951	1054	665	830	915	665	1013	1116
3/16" - 24	600	716	808	600	665	780	872	665	952	1065	716	831	925	716	1014	1128
1/4" - 20	573	679	782	573	638	743	847	638	907	1034	689	795	899	689	970	1097
5/16" - 18	694	810	966	694	783	899	1055	783	1097	1288	854	971	1127	854	1184	1375
3/8" -16	877	941	1161	877	991	1055	1274	991	1287	1555	1082	1145	1365	1082	1398	1666
DIN-374/DIN-376 British Standard Whitworth (BSW)																
1/4" - 20	789	994	1193	789	853	1059	1256	853	1292	1533	905	1111	1308	905	1355	1596
5/16" - 18	845	1034	1194	845	934	1123	1283	934	1371	1564	1005	1195	1354	1005	1456	1650
3/8" - 16	1118	1288	1544	1118	1232	1401	1659	1232	1710	2024	1322	1491	1750	1322	1820	2134
7/16" - 14	1437	1672	1922	1437	1577	1812	2063	1577	2210	2516	1690	1924	2175	1690	2347	2653
1/2" - 12	1649	2064	2899	1649	1789	2567	3040	1789	3132	3709	1902	2679	3152	1902	3269	3846
5/8" - 11	2192	2751	3190	2192	2389	2948	3387	2389	3597	4132	2547	3106	3545	2547	3790	4325
3/4" - 10	4777	5492	6538	4777	5142	5857	6903	5142			5433	6150	7196	5433		
7/8" - 9	5253	6042	7855	5253	5693	6481	8294	5693			6043	6831	8644	6043		
1" - 8	7275	9219	12019	7275	7713	9657	12459	7713			8065	10008	12809	8065		
IS-6175-I,II,III, BS-949 & ISO 529 British Standard Fine (BSF)																
1/4" - 26	557	659	760	557	621	724	825	621	883	1006	672	775	877	672	944	1070
5/16" - 22	674	787	938	674	763	876	1027	763	1068	1253	835	948	1098	835	1156	1340
3/8" - 20	851	914	1128	851	965	1027	1241	965	1253	1514	1056	1118	1331	1056	1364	1624
7/16" - 18	1085	1308	1571	1085	1225	1448	1711	1225	1766	2087	1338	1560	1823	1338	1904	2224
1/2" - 16	1345	1504	1708	1345	1486	1644	1848	1486	2006	2255	1597	1756	1960	1597	2142	2391
5/8" - 14	1791	2134	2620	1791	1988	2332	2817	1988	2844	3437	2146	2489	2974	2146	3037	3629
3/4" - 12	3297	3792	4339	3297	3663	4157	4704	3663			3955	4450	4997	3955		
7/8" - 11	4024	5183	6923	4024	4463	5621	7362	4463			4815	5972	7712	4815		
1" - 10	5876	8051	10082	5876	6315	8490	10521	6315			6667	8841	10872	6667		
Notes : We can also give the No. 3/16" - 32 to 3/8" - 20 sizes in DIN-371 blanks at 3% extra.																
ISO 2283 IS-6175-IV (IS-7821) British Standard Fine (BSF)																
1/4" - 26	929	1170	1402	929	993	1234	1467	993	1506	1789	1044	1287	1518	1044	1570	1853
5/16" - 22	994	1217	1403	994	1083	1306	1492	1083	1594	1822	1154	1377	1564	1154	1681	1909
3/8" - 20	1315	1515	1818	1315	1429	1628	1931	1429	1986	2356	1520	1718	2022	1520	2097	2468
7/16" - 18	1691	1966	2300	1691	1831	2107	2441	1831	2569	2978	1943	2219	2554	1943	2707	3114
1/2" - 16	1941	2427	3411	1941	2082	2567	3552	2082	3132	4333	2194	2679	3663	2194	3269	4470
5/8" - 14	2579	3202	3752	2579	2776	3400	3950	2776	4147	4818	2933	3558	4107	2933	4339	5011
3/4" - 12	5619	6462	7693	5619	5984	6827	8058	5984			6277	7119	8349	6277		
7/8" - 11	6180	7107	9242	6180	6619	7547	9680	6619			6970	7897	10031	6970		
1" - 10	8559	10845	14142	8559	8997	11284	14580	8997			9350	11635	14932	9350		
DIN-374/DIN - 376 British Standard Fine (BSF)																
5/16" - 22	845	1034	1194	845	934	1123	1283	934	1371	1564	1005	1195	1354	1005	1456	1650
3/8" - 20	1118	1288	1544	1118	1232	1401	1659	1232	1710	2024	1322	1491	1750	1322	1820	2134
7/16" -18	1437	1672	1956	1437	1577	1812	2096	1577	2210	2557	1690	1924	2208	1690	2347	2693
1/2" -16	1649	2064	2899	1649	1789	2240	3040	1789	2733	3709	1902	2431	3152	1902	2965	3846
5/8" - 14	2192	2751	3190	2192	2389	2948	3387	2389	3597	4132	2547	3106	3545	2547	3790	4325
3/4" -12	4777	5492	6538	4777	5142	5857	6903	5142			5433	6150	7196	5433		
7/8" -11	5253	6042	7855	5253	5693	6481	8294	5693			6043	6831	8644	6043		
1" - 10	7275	9219	12019	7275	7713	9657	12459	7713			8065	10008	12809	8065		

HSS-E

**HIGH SPEED STEEL GROUND THREAD TAPS
PIPE TAPS**

DIA & PITCH (mm)	BRIGHT				TiN-COATED				TiCN/TIALN-COATED			
	BSP HAND TAP	BSPT HAND TAP	BSP 6" LONG	BSP FLUTELESS OIL GROOVE	BSP HAND TAP	BSPT HAND TAP	BSP 6" LONG	BSP FLUTELESS OIL GROOVE	BSP HAND TAP	BSPT HAND TAP	BSP 6" LONG	

BSP/BSPT/BSP 6" LONG BS 949

1/8" - 28	842	1068	2594	2060	1197	1427	2951	2287	1551	1783	3309	
1/4" - 19	1309	1908	3952	3210	1778	2391	4420	3509	2245	2875	4890	
3/8" - 19	2049	2589	6188	4989	2756	3296	6897	5429	3464	4004	7605	
1/2" - 14	2945	3689	8945	7710	4096	4839	10094	8426	5247	5989	11243	
5/8" - 14	3108				5006				6904			
3/4" - 14	4384	5737	13287		6157	7506	15060		7930	9276	16831	
7/8"	5465				7496				9529			
1" - 11	6901	9006			8941	11044			10980	13083		

NPT/NPTF/NPSF/NPT LONG/NPSF LONG BS-949

DIA & PITCH (mm)	NPT/NPTF	NPSF	NPT 6" OAL	NPSF 6" OAL	NPT/NPTF	NPSF	NPT 6" OAL	NPSF 6" OAL	NPT/NPTF	NPSF	NPT 6" OAL	NPSF 6" OAL
1/16" - 27	1042		2903		1400		3237		1760		3570	
1/8" - 27	1172	960	3368	2400	1527	1317	3697	2755	1882	1672	4028	3111
1/4" - 18	2043	1690	5981	4225	2521	2165	6423	4701	2999	2641	6862	5176
3/8" - 18	2711	2166	7954	5416	3420	2876	8613	6120	4129	3585	9273	6827
1/2" - 14	3898	3327	11406	8314	5051	4477	12473	9463	6206	5625	13540	
3/4" - 14	5835	4642	16885	11607	7608	6413	18531	13378	9382	8185	20179	15150
1" - 11.5	9260	7818			11296	9855			13329	11891		

BSP (ISO,DIN) NPT (BS 949 & DIN) BRIGHT

DIA & PITCH (mm)	BSP STRAIGHT FLUTE TAP (ISO)	BSP STRAIGHT FLUTE TAP (DIN)	BSP SPIRAL POINT TAP (ISO)	BSP SPIRAL POINT TAP (DIN)	BSP SPIRAL FLUTE TAP (ISO)	BSP SPIRAL FLUTE TAP (DIN)	NPT STRAIGHT FLUTE TAP (DIN)	NPT SPIRAL FLUTE TAP (ISO)	NPT SPIRAL FLUTE TAP (DIN)
1/8" - 28	969	1114	1212	1393	1356	1627	1465	1833	2107
1/4" - 19	1506	1732	1883	2166	2109	2531	2507	3133	3604
3/8" - 19	2357	2711	2946	3388	3299	3960	3389	4236	4872
1/2" - 14	3387	3896	4235	4870	4741	5691	4872	6089	7003
3/4" - 14	5041	5799	6302	7247	7058	8469	7294	9117	10485
1" - 11	7937	9127	9921	11409	11111	13334	11575	14470	16640

BSP (ISO,DIN) NPT (BS 949 & DIN) TiN-COATED

DIA & PITCH (mm)	BSP STRAIGHT FLUTE TAP (ISO)	BSP STRAIGHT FLUTE TAP (DIN)	BSP SPIRAL POINT TAP (ISO)	BSP SPIRAL POINT TAP (DIN)	BSP SPIRAL FLUTE TAP (ISO)	BSP SPIRAL FLUTE TAP (DIN)	NPT STRAIGHT FLUTE TAP (DIN)	NPT SPIRAL FLUTE TAP (BS-949)	NPT SPIRAL FLUTE TAP (DIN)
1/8" - 28	1273	1417	1515	1697	1660	1931	1830	2197	2472
1/4" - 19	1903	2128	2279	2562	2506	2928	2983	3610	4080
3/8" - 19	2947	3302	3538	3979	3890	4551	4098	4944	5579
1/2" - 14	4345	4854	5192	5827	5699	6647	6021	7239	8153
3/4" - 14	6518	7274	7779	8724	8534	9947	9066	10889	12257
1" - 11	9635	10826	11620	13108	12811	15033	13613	16507	18679

Prices for NPSI/NPSM : 35% extra.

Prices for NPT (Interrupted) : 35% extra.

HSS-E

**HIGH SPEED STEEL GROUND THREAD TAPS
NIB TAPS**

DIA & PITCH (mm)	BRIGHT	TiN-COATED	TiCN/TiALN-COATED
METRIC COARSE			
3 X 0.5	750	859	966
3.5 X 0.6	750	859	966
4 X 0.7	750	859	966
5 X 0.8	783	893	999
6 X 1.0	783	893	999
7 X 1.0	877	1036	1194
8 X 1.25	877	1036	1194
9 X 1.25	1085	1300	1514
10 X 1.50	1085	1300	1514
12 X 1.75	1663	1927	2193
14 X 2.00	2434	2789	3144
16 X 2.00	2434	2807	3180
METRIC FINE			
5 X 0.5	940	1071	1198
7 X 0.75	1052	1242	1431
8 X 1.0	1052	1242	1431
10 X 1.0	1248	1496	1742
10 X 1.25	1248	1496	1742
11 X 1.50	1912	2215	2521
12 X 1.25	1912	2215	2521
12 X 1.50	1912	2215	2521
14 X 1.50	2799	3207	3614
16 X 1.50	2799	3227	3656
FRACTIONAL SIZES (UNC/UNF/BSW/BSF)			
1/4"	940	1071	1198
5/16"	1054	1242	1431
3/8"	1304	1559	1818
7/16"	1996	2312	2631
1/2"	2987	3422	3856
9/16"	2921	3369	3816
5/8"	3043	3509	3974



1. SPECIAL TOLERANCE : 10% extra.

Notes : We can also give the above Sizes in 8% Cobalt at 20% extra.

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

STI TAP (HSS-E)

DIA & PITCH (mm)	FLUTELESS		FLUTELESS OIL GROOVE	
	TIN		TIN	
M3 X 0.5	2152	2240	2371	2460
M4 X 0.7	2152	2240	2371	2460
M5 X 0.8	2152	2240	2371	2460
M6 X 1.0	2152	2240	2371	2460
M8 X 1.25	2483	2638	2598	2754
M10 X 1.50	3036	3303	3176	3442
M12 X 1.75	4959	5358	5408	5808
M14 X 2.00	6756	7288	7479	8011
M16 X 2.00	7162	7784	8081	8704



NOTE :

- 1) TAPS TO JAPANESE STANDARD, DIN 352, AMERICAN STANDARD also available in some sizes. Prices on request.
- 2) Please refer to us for items/sizes not covered in this Price List.
- 3) For Left Hand taps 35% extra will be charged.

TERMS & CONDITIONS :

- 1) **GST & OTHER GOVT. LEVIES WILL BE CHARGED EXTRA AS APPLICABLE.**
- 2) **PRICES ARE SUBJECT TO REVISION WITHOUT PRIOR NOTICE.**
- 3) **THIS PRICE LIST SUPERCEDES ALL OUR EARLIER PRICE LISTS.**
- 4) **THE PRICES QUOTED IN THIS PRICE LIST ARE THE MAXIMUM RETAIL PRICE AND THE DEALERS / STOCKISTS ARE FREE TO SELL THE GOODS AT PRICES LOWER THAN THE PRICES FIXED BY THE COMPANY.**
- 5) **ALL LEGAL PROCEEDINGS ARE SUBJECT TO NAGPUR JURISDICTION.**



EMKAY TOOLS

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