



PRICE LIST

(Effective from 24th January 2019)

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



EMKAY TOOLS

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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	1306	1546	1407	1306	1364	1604	1465	1364			1411	1650	1511	1411		
1.8 X 0.35	1235	1546	1295	1235	1293	1604	1353	1293			1339	1650	1399	1339		
2 X 0.4	725	858	925	725	783	916	983	783			830	963	1029	830		
2.2 X 0.45	725	858	945	725	783	916	1003	783			830	963	1049	830		
2.3 X 0.4	725	858	945	725	783	916	1003	783			830	963	1049	830		
2.5 X 0.45	725	710	735	725	783	768	793	783			830	814	839	830		
2.6 X 0.45	725	710	735	725	783	768	793	783			830	814	839	830		
METRIC COARSE ISO-529, IS-6175-II																
3 X 0.5	460	524	601	460	518	582	659	518	710	804	564	629	705	564	767	861
3.5 X 0.6	460	519	601	460	518	577	659	518	704	804	564	623	705	564	761	861
4 X 0.7	460	519	601	460	518	577	659	518	704	804	564	623	705	564	761	861
5 X 0.8	481	555	630	481	539	613	688	539	748	840	585	659	735	585	804	896
6 X 1.0	481	565	630	481	539	623	688	539	760	840	585	669	735	585	817	896
7 X 1.0	620	717	812	620	700	797	892	700	972	1088	764	861	956	764	1050	1167
8 X 1.25	535	630	705	535	615	710	785	615	866	958	679	774	849	679	944	1036
9 X 1.25	682	800	890	682	784	902	992	784	1100	1210	865	984	1074	865	1200	1310
10 X 1.5	682	800	890	682	784	902	992	784	1100	1210	865	984	1074	865	1200	1310
METRIC COARSE ISO-529, IS-6175-III																
3 X 0.5	504	599	689	504	562	657	747	562			608	703	793	608		
3.5 X 0.6	523	637	705	523	581	695	763	581			627	741	809	627		
4 X 0.7	504	599	689	504	562	657	747	562	802	911	608	703	793	608	858	968
5 X 0.8	536	615	676	536	594	673	734	594	821	895	641	719	780	641	878	952
6 X 1.0	536	615	678	536	594	673	736	594	821	898	641	719	782	641	878	955
7 X 1.0	683	825	934	683	763	905	1014	763	1104	1237	827	969	1078	827	1182	1315
8 X 1.25	638	745	800	638	718	825	880	718	1007	1074	782	889	944	782	1085	1152
9 X 1.25	725	910	1065	725	827	1012	1167	827	1235	1424	909	1094	1249	909	1334	1524
10 X 1.5	725	910	1065	725	827	1012	1167	827	1235	1424	909	1094	1249	909	1334	1524
11 X 1.5	1179	1477	1610	1179	1305	1603	1736	1305	1956	2118	1406	1704	1837	1406	2079	2241
12 X 1.75	1040	1250	1410	1040	1166	1376	1536	1166	1679	1874	1267	1477	1637	1267	1802	1997
14 X 2.0	1460	1750	2100	1460	1626	1916	2266	1626	2338	2765	1759	2049	2399	1759	2500	2927
16 X 2.0	1470	1800	2100	1470	1644	1974	2274	1644	2408	2774	1783	2113	2413	1783	2578	2944
18 X 2.5	2200	2822	3269	2200	2440	3062	3509	2440			2632	3254	3701	2632		
20 X 2.5	2827	3594	4000	2827	3149	3916	4322	3149			3407	4173	4580	3407		
22 X 2.5	4052	4464	5050	4052	4430	4842	5428	4430			4732	5145	5730	4732		
24 X 3.0	4348	4950	6173	4348	4726	5328	6551	4726			5028	5630	6853	5028		
25 X 3.0	4369	5408	6810	4369	4747	5786	7188	4747			5050	6088	7490	5050		
27 X 3.0	6916	7911	8496	6916	7294	8289	8874	7294			7597	8592	9176	7597		
30 X 3.5	7347	8442	9876	7347	7875	8970	10404	7875			8298	9392	10827	8298		
33 X 3.5	7828	11537	13268	7828	8356	12065	13796	8356			8778	12488	14218	8778		
36 X 4.0	10891	15248	17308	10891	11681	16038	18098	11681			12313	16670	18730	12313		

- 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	970	1070	1195	970	1028	1128	1253	1028	1376	1528	1075	1174	1299	1075	1433	1585
5 X 0.8	640	725	859	640	698	783	917	698	955	1118	744	829	963	744	1012	1175
6 X 1.0	700	911	935	700	758	969	993	758	1183	1212	804	1016	1040	804	1239	1268
7 X 1.0	847	991	1229	847	927	1071	1309	927	1307	1597	991	1135	1373	991	1385	1675
8 X 1.25	805	950	1018	805	885	1030	1098	885	1257	1340	949	1094	1162	949	1335	1418
9 X 1.25	1005	1189	1270	1005	1107	1291	1372	1107	1575	1674	1189	1372	1454	1189	1674	1773
10 X 1.50	1005	1189	1270	1005	1107	1291	1372	1107	1575	1674	1189	1372	1454	1189	1674	1773
12 X 1.75	1350	1660	1874	1350	1476	1786	2000	1476	2179	2440	1577	1887	2101	1577	2302	2563
14 X 2.0	2086	2408	2755	2086	2252	2574	2921	2252	3140	3564	2385	2707	3054	2385	3302	3726
16 X 2.0	2059	2408	2755	2059	2233	2582	2929	2233	3150	3574	2373	2721	3068	2373	3320	3743
18 X 2.5	3078	3508	4787	3078	3318	3748	5027	3318			3510	3940	5219	3510		
20 X 2.5	4194	4576	5749	4194	4516	4898	6071	4516			4773	5156	6328	4773		
22 X 2.5	4905	5404	6100	4905	5283	5782	6478	5283			5585	6085	6780	5585		
24 X 3.0	5263	6177	7657	5263	5641	6555	8035	5641			5943	6858	8337	5943		
25 X 3.0	5837	6926	8957	5837	6215	7304	9335	6215			6517	7606	9638	6517		
27 X 3.0	8372	9577	10875	8372	8750	9955	11253	8750			9053	10257	11555	9053		
30 X 3.5	9281	10219	12683	9281	9809	10747	13211	9809			10231	11170	13634	10231		
33 X 3.5	9335	16985	20634	9335	9863	17513	21162	9863			10285	17935	21585	10285		
36 X 4.0	13215	17078	21324	13215	14005	17868	22114	14005			14637	18500	22746	14637		
METRIC COARSE DIN-371																
1.6 X 0.35	1345	1592	1407	1345	1403	1650	1465	1403			1450	1697	1511	1450		
1.8 X 0.35	1272	1592	1363	1272	1330	1650	1421	1330			1376	1697	1467	1376		
2 X 0.4	747	884	973	747	805	942	1031	805			851	988	1078	851		
2.2 X 0.45	747	884	994	747	805	942	1052	805			851	988	1098	851		
2.3 X 0.4	747	884	994	747	805	942	1052	805			851	988	1098	851		
2.5 X 0.45	747	731	828	747	805	789	886	805			851	836	933	851		
2.6 X 0.45	747	731	774	747	805	789	832	805			851	836	878	851		
3 X 0.5	474	540	619	474	532	598	677	532	729	826	578	644	723	578	786	883
3.5 X 0.6	474	535	619	474	532	593	677	532	723	826	578	639	723	578	780	883
4 X 0.7	474	535	619	474	532	593	677	532	723	826	578	639	723	578	780	883
5 X 0.8	495	572	649	495	553	630	707	553	768	862	600	676	753	600	825	919
6 X 1.0	495	582	649	495	553	640	707	553	781	862	600	686	753	600	837	919
7 X 1.0	639	739	836	639	719	819	916	719	999	1118	783	883	980	783	1077	1196
8 X 1.25	551	649	726	551	631	729	806	631	889	984	695	793	870	695	967	1062
9 X 1.25	685	824	917	685	787	926	1019	787	1130	1243	869	1008	1100	869	1229	1342
10 X 1.50	685	824	917	685	787	926	1019	787	1130	1243	869	1008	1100	869	1229	1342

- 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 DIN-376																
4 X 0.7	564	671	772	564	622	729	830	622	889	1012	669	775	876	669	946	1069
5 X 0.8	600	689	757	600	658	747	815	658	911	994	705	793	862	705	968	1051
6 X 1.0	600	689	759	600	658	747	817	658	911	997	705	793	864	705	968	1054
7 X 1.0	765	924	1046	765	845	1004	1126	845	1225	1374	909	1068	1190	909	1303	1452
8 X 1.25	765	834	896	765	845	914	976	845	1116	1191	909	978	1040	909	1194	1269
9 X 1.25	812	1019	1193	812	914	1121	1295	914	1368	1580	996	1203	1376	996	1467	1679
10 X 1.50	812	1019	1193	812	914	1121	1295	914	1368	1580	996	1203	1376	996	1467	1679
12 X 1.75	1196	1400	1579	1196	1322	1526	1705	1322	1862	2080	1423	1627	1806	1423	1985	2203
14 X 2.00	1635	1960	2352	1635	1801	2126	2518	1801	2594	3072	1934	2259	2651	1934	2756	3234
16 X 2.00	1646	2016	2352	1646	1820	2190	2526	1820	2672	3082	1960	2329	2665	1960	2842	3252
18 X 2.5	2464	3161	3661	2464	2704	3401	3901	2704			2896	3593	4093	2896		
20 X 2.5	3360	4025	4480	3360	3682	4347	4802	3682			3940	4605	5060	3940		
22 X 2.5	4538	5000	5656	4538	4916	5378	6034	4916			5219	5680	6336	5219		
24 X 3.0	4870	5544	6914	4870	5248	5922	7292	5248			5550	6224	7594	5550		
27 X 3.0	7746	8860	9516	7746	8124	9238	9894	8124			8426	9541	10196	8426		
30 X 3.5	8229	9455	11061	8229	8757	9983	11589	8757			9179	10405	12012	9179		
33 X 3.5	8767	12921	14860	8767	9295	13449	15388	9295			9718	13872	15811	9718		
36 X 4.0	12198	17078	19385	12198	12988	17868	20175	12988			13620	18500	20807	13620		
METRIC FINE ISO-529, IS-6175-II																
3 X 0.35	641	790	890	641	699	848	948	699			746	894	994	746		
4 X 0.5	641	790	809	641	699	848	867	699	1034	1058	746	894	914	746	1091	1115
4 X 0.75	709	926	1084	709	767	984	1142	767	1200	1393	813	1030	1188	813	1257	1450
5 X 0.5/.75	723	878	1030	723	781	936	1088	781	1142	1328	827	983	1135	827	1199	1384
6 X 0.5	707	896	1031	707	765	954	1089	765	1163	1328	812	1000	1135	812	1220	1385
6 X 0.75	707	896	1031	707	765	954	1089	765	1163	1328	812	1000	1135	812	1220	1385
7 X 0.75	750	1008	1072	750	830	1088	1152	830	1327	1405	894	1152	1216	894	1405	1484
8 X 0.5/.75	767	1057	1147	767	847	1137	1227	847	1387	1496	911	1201	1291	911	1465	1575
8 X 1.0	671	765	893	671	751	845	973	751	1031	1187	815	909	1037	815	1109	1265
9 X 1.0	833	1061	1125	833	935	1163	1227	935	1419	1497	1017	1245	1309	1017	1519	1597
10 X 1.0	813	980	1122	813	915	1082	1224	915	1320	1494	997	1164	1306	997	1420	1593
10 X 1.25	774	927	1077	774	876	1029	1179	876	1255	1438	957	1110	1260	957	1355	1537
Notes : We can also give the above sizes in DIN-371 blanks at 3% extra.																



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	765	909	1077	765	823	967	1135	823			869	1013	1181	869		
4 X 0.5	816	1065	1435	816	874	1123	1493	874			921	1169	1539	921		
4 X 0.75	675	909	1076	675	733	967	1134	733			779	1013	1180	779		
5 X 0.5/.75	776	944	1107	776	834	1002	1165	834	1222	1421	880	1048	1211	880	1279	1478
6 X 0.5	813	1030	1185	813	871	1088	1243	871	1327	1516	918	1134	1289	918	1384	1573
6 X 0.75	813	1030	1236	813	871	1088	1294	871	1327	1579	918	1134	1340	918	1384	1635
7 X 0.75	866	1159	1225	866	946	1239	1305	946	1512	1592	1010	1303	1369	1010	1590	1670
8 X 0.5/.75	919	1216	1319	919	999	1296	1399	999	1581	1707	1063	1360	1463	1063	1659	1785
8 X 1.0	750	928	1057	750	830	1008	1137	830	1230	1387	894	1072	1201	894	1308	1465
9 X 1.0	899	1134	1291	899	1001	1236	1393	1001	1508	1699	1082	1317	1474	1082	1607	1799
10 X 1.0	899	1134	1291	899	1001	1236	1393	1001	1508	1699	1082	1317	1474	1082	1607	1799
10 X 1.25	832	1065	1236	832	934	1167	1338	934	1424	1633	1015	1249	1420	1015	1524	1732
11 X 1.0	1389	1764	2029	1389	1515	1890	2155	1515	2306	2629	1616	1991	2255	1616	2429	2752
12 X 1.50	1229	1422	1680	1229	1355	1548	1806	1355	1889	2203	1456	1649	1907	1456	2012	2326
12 X 1.0/1.25	1229	1422	1744	1229	1355	1548	1870	1355	1889	2282	1456	1649	1971	1456	2012	2405
14 X 1.0	1613	1935	2352	1613	1779	2101	2518	1779	2563	3072	1912	2234	2651	1912	2725	3234
14 X 1.25	1646	1830	2150	1646	1812	1996	2316	1812	2435	2826	1945	2129	2449	1945	2597	2988
14 X 1.50	1480	1800	2125	1480	1646	1966	2291	1646	2399	2795	1779	2099	2424	1779	2561	2957
16 X 1.0	1655	1971	2393	1655	1829	2145	2567	1829	2617	3131	1968	2284	2706	1968	2787	3301
16 X 1.50	1480	1800	2125	1480	1654	1974	2299	1654	2408	2805	1793	2113	2438	1793	2578	2975
18 X 1.0/2.0	2678	3868	4086	2678	2918	4108	4326	2918			3110	4300	4518	3110		
18 X 1.5	2777	3194	3648	2777	3017	3434	3888	3017			3209	3626	4080	3209		
20 X 1.0/2.0	3374	4778	5813	3374	3696	5100	6135	3696			3954	5357	6393	3954		
20 X 1.5	3568	4362	4719	3568	3890	4684	5041	3890			4148	4942	5298	4148		
22 X 1.0/2.0	4078	5451	6364	4078	4456	5829	6742	4456			4758	6132	7045	4758		
22 X 1.5	3777	4950	6065	3777	4155	5328	6443	4155			4458	5630	6746	4458		
24 X 1.0/2.0	4198	5400	6996	4198	4576	5778	7374	4576			4879	6080	7677	4879		
24 X 1.5	4198	5400	6448	4198	4576	5778	6826	4576			4879	6080	7129	4879		
25 X 1.0/2.0	4533	6573	8116	4533	4911	6951	8494	4911			5214	7253	8796	5214		
25 X 1.5	4456	6573	8116	4456	4834	6951	8494	4834			5137	7253	8796	5137		
26 X 1.0	5771	7332	9537	5771	6149	7710	9915	6149			6451	8012	10217	6451		
27 X 1.0/2.0	6370	7790	9911	6370	6748	8168	10289	6748			7050	8471	10591	7050		
27 X 1.5	6289	7790	9808	6289	6667	8168	10186	6667			6969	8471	10489	6969		
30 X 1.0/2.0	6961	10099	10856	6961	7489	10627	11384	7489			7912	11049	11807	7912		
30 X 1.5	6961	8887	10856	6961	7489	9415	11384	7489			7912	9838	11807	7912		
33 X 1.0/2.0	9386	10794	12698	9386	9914	11322	13226	9914			10336	11744	13649	10336		
33 X 1.5	9368	10773	13255	9368	9896	11301	13783	9896			10318	11723	14206	10318		
36 X 1.5	12089	13219	18387	12089	12879	14009	19177	12879			13511	14641	19809	13511		
36 X 1.0/2.0	12089	13219	18387	12089	12879	14009	19177	12879			13511	14641	19809	13511		



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 0.75	1322	1476	1929	1322	1380	1534	1987	1380	1871	2424	1426	1580	2034	1426	1928	2481
5 X 0.5/.75	961	1170	1404	961	1019	1228	1462	1019	1498	1784	1065	1274	1508	1065	1555	1840
6 X 0.5	1008	1275	1530	1008	1066	1333	1588	1066	1626	1937	1112	1379	1634	1112	1683	1994
6 X 0.75	1008	1275	1659	1008	1066	1333	1717	1066	1626	2095	1112	1379	1764	1112	1683	2152
7 X 0.75	1074	1435	1509	1074	1154	1515	1589	1154	1848	1939	1218	1579	1653	1218	1926	2017
8 X 0.5/.75	1083	1505	1761	1083	1163	1585	1841	1163	1934	2246	1227	1649	1905	1227	2012	2324
8 X 1.0	932	1244	1388	932	1012	1324	1468	1012	1615	1791	1076	1388	1532	1076	1693	1869
9 X 1.0	1237	1373	1696	1237	1339	1475	1798	1339	1800	2193	1420	1557	1879	1420	1899	2293
10 X 1.0	1237	1373	1696	1237	1339	1475	1798	1339	1800	2193	1420	1557	1879	1420	1899	2293
10 X 1.25	1119	1268	1618	1119	1221	1370	1720	1221	1671	2098	1302	1451	1802	1302	1771	2198
11 X 1.0	1681	1976	2499	1681	1807	2102	2625	1807	2564	3203	1908	2202	2726	1908	2687	3326
12 X 1.50	1608	1890	2157	1608	1734	2016	2283	1734	2460	2786	1835	2117	2384	1835	2582	2909
12 X 1.0/1.25	1637	2018	2179	1637	1763	2144	2305	1763	2615	2812	1864	2244	2406	1864	2738	2935
14 X 1.0	2078	2474	2883	2078	2244	2640	3049	2244	3220	3720	2376	2772	3182	2376	3382	3882
14 X 1.25	2113	2495	2883	2113	2279	2661	3049	2279	3246	3720	2411	2794	3182	2411	3408	3882
14 X 1.50	2072	2346	2611	2072	2238	2512	2777	2238	3065	3388	2371	2645	2910	2371	3227	3550
16 X 1.0	2413	2775	3193	2413	2587	2949	3367	2587	3598	4108	2726	3088	3506	2726	3767	4278
16 X 1.50	2022	2450	2908	2022	2196	2624	3082	2196	3201	3760	2335	2763	3221	2335	3371	3930
18 X 1.0/2.0	3415	4683	5041	3415	3655	4923	5281	3655			3847	5115	5473	3847		
18 X 1.5	3450	4245	4697	3450	3690	4485	4937	3690			3882	4677	5129	3882		
20 X 1.0/2.0	4801	6083	6849	4801	5123	6405	7171	5123			5380	6663	7428	5380		
20 X 1.5	4801	6083	6810	4801	5123	6405	7132	5123			5380	6663	7389	5380		
22 X 1.0/2.0	4910	6599	7446	4910	5288	6977	7824	5288			5591	7280	8126	5591		
22 X 1.5	4910	6150	8479	4910	5288	6528	8857	5288			5591	6830	9159	5591		
24 X 1.0/2.0	5612	7365	8363	5612	5990	7743	8741	5990			6293	8045	9043	6293		
24 X 1.5	5303	7150	8516	5303	5681	7528	8894	5681			5983	7830	9197	5983		
25 X 1.0/2.0	6406	7956	9999	6406	6784	8334	10377	6784			7087	8637	10679	7087		
25 X 1.5	6437	7956	9999	6437	6815	8334	10377	6815			7118	8637	10679	7118		
26 X 1.0	7841	8876	11749	7841	8219	9254	12127	8219			8521	9556	12430	8521		
27 X 1.0/2.0	8249	9431	12210	8249	8627	9809	12588	8627			8929	10111	12890	8929		
27 X 1.5	8259	9431	12084	8259	8637	9809	12462	8637			8939	10111	12764	8939		
30 X 1.0/2.0	8911	12225	13375	8911	9439	12753	13903	9439			9861	13175	14325	9861		
30 X 1.5	8944	10758	13670	8944	9472	11286	14198	9472			9895	11709	14620	9895		
33 X 1.0/2.0	10820	12741	14931	10820	11348	13269	15459	11348			11770	13692	15882	11770		
33 X 1.5	11914	13702	16708	11914	12442	14230	17236	12442			12865	14652	17658	12865		
36 X 1.5	15750	17658	22652	15750	16540	18448	23442	16540			17172	19080	24074	17172		
36 X 1.0/2.0	15750	17658	22652	15750	16540	18448	23442	16540			17172	19080	24074	17172		



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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	914	1193	1607	914	972	1251	1665	972			1018	1297	1712	1018		
5 X .5/.75	869	1057	1240	869	927	1115	1298	927			974	1162	1344	974		
6 X .5	911	1154	1327	911	969	1212	1385	969	1478	1690	1015	1258	1432	1015	1535	1747
6 X .75	911	1154	1384	911	969	1212	1442	969	1478	1760	1015	1258	1489	1015	1535	1816
7 X .75	970	1298	1372	970	1050	1378	1452	1050	1681	1771	1114	1442	1516	1114	1759	1850
8 X .5/.75	1029	1362	1477	1029	1109	1442	1557	1109	1759	1900	1173	1506	1621	1173	1837	1978
8 X 1.0	840	1039	1184	840	920	1119	1264	920	1366	1542	984	1183	1328	984	1444	1620
9 X 1.0	1074	1365	1449	1074	1176	1467	1551	1176	1790	1893	1258	1549	1633	1258	1890	1992
10 X 1.0	1007	1270	1446	1007	1109	1372	1548	1109	1674	1888	1190	1454	1630	1190	1773	1988
10 X 1.25	932	1193	1384	932	1034	1295	1486	1034	1580	1813	1115	1376	1568	1115	1679	1913
11 X 1.0	1556	1976	2272	1556	1682	2102	2398	1682	2564	2926	1782	2202	2499	1782	2687	3049
12 X 1.50	1376	1593	1882	1376	1502	1719	2008	1502	2097	2449	1603	1819	2108	1603	2220	2572
12 X 1.0/1.25	1376	1593	1953	1376	1502	1719	2079	1502	2097	2537	1603	1819	2180	1603	2220	2660
14 X 1.0	1807	2167	2634	1807	1973	2333	2800	1973	2847	3416	2105	2466	2933	2105	3009	3578
14 X 1.25	1844	2050	2408	1844	2010	2216	2574	2010	2703	3140	2142	2348	2707	2142	2865	3302
14 X 1.50	1658	2050	2380	1658	1824	2216	2546	1824	2703	3106	1956	2348	2679	1956	2865	3268
16 X 1.0	1854	2208	2680	1854	2020	2374	2846	2020	2896	3472	2152	2506	2979	2152	3058	3634
16 X 1.50	1658	2016	2380	1658	1832	2190	2554	1832	2672	3116	1971	2329	2693	1971	2842	3286
18 X 1.0/2.0	2999	4332	4576	2999	3239	4572	4816	3239			3431	4764	5008	3431		
18 X 1.5	3110	3577	4086	3110	3350	3817	4326	3350			3542	4009	4518	3542		
20 X 1.0/2.0	3779	5351	6511	3779	4101	5673	6833	4101			4358	5931	7090	4358		
20 X 1.5	3996	4885	5285	3996	4318	5207	5607	4318			4576	5465	5865	4576		
22 X 1.0/2.0	4567	6105	7128	4567	4945	6483	7506	4945			5248	6786	7808	5248		
22 X 1.5	4230	5693	6793	4230	4608	6071	7171	4608			4911	6373	7473	4911		
24 X 1.0/2.0	4702	6048	7836	4702	5080	6426	8214	5080			5382	6728	8516	5382		
24 X 1.5	4702	6048	7222	4702	5080	6426	7600	5080			5382	6728	7902	5382		
25 X 1.0/2.0	5445	7362	9090	5445	5823	7740	9468	5823			6126	8042	9770	6126		
25 X 1.5	4991	7362	9090	4991	5369	7740	9468	5369			5671	8042	9770	5671		
26 X 1.0	6464	8212	10681	6464	6842	8590	11059	6842			7144	8892	11362	7144		
27 X 1.0/2.0	7134	8725	11100	7134	7512	9103	11478	7512			7815	9405	11781	7815		
27 X 1.5	7044	8725	10985	7044	7422	9103	11363	7422			7724	9405	11665	7724		
30 X 1.0/2.0	7796	11311	12159	7796	8324	11839	12687	8324			8747	12261	13109	8747		
30 X 1.5	7796	9953	12159	7796	8324	10481	12687	8324			8747	10904	13109	8747		
33 X 1.0/2.0	10512	12089	14222	10512	11040	12617	14750	11040			11463	13040	15172	11463		
33 X 1.5	10492	12066	14846	10492	11020	12594	15374	11020			11443	13016	15796	11443		
36 X 1.5	13540	14805	20593	13540	14330	15595	21383	14330			14962	16227	22015	14962		
36 X 1.0/2.0	13540	14805	20593	13540	14330	15595	21383	14330			14962	16227	22015	14962		



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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.)
IS-6175-I,II,III, BS-949 & ISO 529 UNIFIED COARSE (UNC)																
No. 2 - 56	657	804	925	657	715	862	983	715			761	908	1029	761		
No. 4 - 40	551	701	806	551	609	759	864	609	926	1054	655	805	910	655	982	1110
No. 6 - 32	476	599	658	476	534	657	716	534	802	874	580	704	762	580	858	930
No. 8 - 32	478	581	658	478	536	639	716	536	780	874	582	685	762	582	836	930
No. 10 - 24	476	588	658	476	534	646	716	534	788	874	580	692	762	580	845	930
1/4" - 20	495	594	683	495	553	652	741	553	795	904	599	698	788	599	852	961
5/16" - 18	545	680	753	545	625	760	833	625	928	1016	689	824	897	689	1006	1095
3/8" - 16	673	812	925	673	775	914	1027	775	1115	1253	857	996	1109	857	1215	1353
7/16" - 14	904	1049	1192	904	1030	1175	1318	1030	1433	1608	1131	1275	1419	1131	1556	1731
1/2" - 13	1095	1292	1511	1095	1221	1418	1637	1221	1730	1997	1322	1519	1737	1322	1853	2120
5/8" - 11	1520	1882	2310	1520	1694	2056	2484	1694	2508	3030	1833	2195	2623	1833	2678	3200
3/4" - 10	2370	2852	3000	2370	2692	3174	3322	2692			2950	3431	3580	2950		
7/8" - 9	3167	4152	5097	3167	3545	4530	5475	3545			3847	4832	5778	3847		
1" - 8	4401	5501	6397	4401	4779	5879	6775	4779			5081	6182	7077	5081		
1.1/8" - 7	7347	8270	10750	7347	8137	9275	11826	8137			8769	10281	12902	8769		
1.1/4" - 7	7027	10067	13086	7027	8224	11503	14622	8224			9420	12939	16160	9420		
1.3/8" - 6	9063	14006	18211	9063	10723	15998	20341	10723			12383	17991	22472	12383		
1.1/2" - 6	10885	16445	21380	10885	13254	19290	24422	13254			15624	22133	27464	15624		
1.5/8" -	12770	19170	24919	12770	15762	22760	28762	15762			18754	26351	32603	18754		
1.3/4" - 5	15411	25819	33565	15411	18403	29410	37407	18403			21395	33000	41249	21395		
2" - 4.5	21412			21412	24483			24483			27555			27555		
ISO 2283 IS-6175-IV (IS-7821) UNIFIED COARSE (UNC)																
No. 10 - 32	766	962	1148	766	824	1020	1206	824	1244	1471	870	1066	1252	870	1301	1527
1/4" - 20	826	1007	1094	826	884	1065	1152	884	1300	1405	930	1112	1198	930	1356	1462
5/16" - 18	893	1093	1119	893	973	1173	1199	973	1432	1462	1037	1237	1263	1037	1510	1540
3/8" - 16	1145	1361	1487	1145	1247	1463	1589	1247	1785	1939	1329	1544	1671	1329	1884	2039
7/16" - 14	1381	1606	2026	1381	1507	1732	2152	1507	2113	2625	1608	1833	2253	1608	2236	2748
1/2" - 13	1620	1911	3025	1620	1746	2037	3151	1746	2485	3844	1847	2138	3252	1847	2608	3967
5/8" - 11	2274	2868	3241	2274	2448	3042	3415	2448			2587	3181	3554	2587		
3/4" - 10	4559	5242	6496	4559	4881	5564	6818	4881			5138	5822	7076	5138		
7/8" - 9	5130	6042	7249	5130	5508	6420	7627	5508			5810	6723	7930	5810		
1" - 8	7372	9341	11142	7372	7750	9719	11520	7750			8053	10021	11822	8053		
DIN-371 UNIFIED COARSE (UNC)																
No. 2 - 56	677	828	953	677	735	886	1011	735			781	933	1057	781		
No. 4 - 40	568	722	830	568	626	780	888	626	952	1084	672	826	935	672	1008	1140
No. 6 - 32	490	617	678	490	548	675	736	548	823	898	595	721	782	595	880	954
No. 8 - 32	492	598	678	492	550	656	736	550	801	898	597	703	782	597	857	954
No. 10 - 24	490	606	678	490	548	664	736	548	810	898	595	710	782	595	866	954
1/4" - 20	510	612	703	510	568	670	761	568	817	929	614	716	808	614	874	986
5/16" - 18	561	700	776	561	641	780	856	641	952	1044	705	844	920	705	1030	1122
3/8" - 16	693	836	953	693	795	938	1055	795	1145	1287	877	1020	1136	877	1244	1386



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.)
DIN-376 UNIFIED COARSE (UNC)																
No. 10 - 24	651	818	976	651	709	876	1034	709	1068	1261	756	922	1080	756	1125	1318
1/4" - 20	702	856	930	702	760	914	988	760	1115	1205	807	960	1034	807	1172	1262
5/16" - 18	759	929	951	759	839	1009	1031	839	1231	1258	903	1073	1095	903	1309	1336
3/8" - 16	973	1157	1264	973	1075	1259	1366	1075	1536	1666	1157	1340	1448	1157	1635	1766
7/16" - 14	1174	1365	1722	1174	1300	1491	1848	1300	1819	2255	1401	1592	1949	1401	1942	2378
1/2" - 13	1377	1624	2571	1377	1503	1750	2697	1503	2135	3291	1604	1851	2798	1604	2258	3414
5/8" - 11	1933	2438	2755	1933	2107	2612	2929	2107			2246	2751	3068	2246		
3/4" - 10	3875	4456	5522	3875	4197	4778	5844	4197			4455	5035	6101	4455		
7/8" - 9	4361	5136	6162	4361	4739	5514	6540	4739			5041	5816	6842	5041		
1" - 8	6266	7940	9471	6266	6644	8318	9849	6644			6947	8620	10151	6947		
IS-6175-I,II,III, BS-949 & ISO 529 UNIFIED FINE (UNF)																
No. 2 - 64	657	821	944	657	715	879	1002	715			761	925	1048	761		
No. 4 - 48	551	701	806	551	609	759	864	609	926	1054	655	805	910	655	982	1110
No. 6 - 40	476	599	658	476	534	657	716	534	802	874	580	704	762	580	858	930
No. 8 - 36	478	581	658	478	536	639	716	536	780	874	582	685	762	582	836	930
No. 10 - 32	476	588	658	476	534	646	716	534	788	874	580	692	762	580	845	930
1/4" - 28	495	594	683	495	553	652	741	553	795	904	599	698	788	599	852	961
5/16" - 24	545	680	753	545	625	760	833	625	928	1016	689	824	897	689	1006	1095
3/8" - 24	704	812	925	704	806	914	1027	806	1115	1253	887	996	1109	887	1215	1353
7/16" - 20	904	1049	1192	904	1030	1175	1318	1030	1433	1608	1131	1275	1419	1131	1556	1731
1/2" - 20	1095	1340	1511	1095	1221	1466	1637	1221	1788	1997	1322	1566	1737	1322	1911	2120
5/8" - 18	1520	1882	2310	1520	1694	2056	2484	1694	2508	3030	1833	2195	2623	1833	2678	3200
3/4" - 16	2370	2852	3000	2370	2692	3174	3322	2692			2950	3431	3580	2950		
7/8" - 14	3167	4152	5097	3167	3545	4530	5475	3545			3847	4832	5778	3847		
1" - 8	4401	5501	6397	4401	4779	5879	6775	4779			5081	6182	7077	5081		
1.1/8" - 12	7347	8270	10750	7347	8137	9275	11826	8137			8769	10281	12902	8769		
1.1/4" - 12	7027	10067	13086	7027	8224	11503	14622	8224			9420	12939	16160	9420		
1.3/8" - 12	9063	14006	18211	9063	10723	15998	20341	10723			12383	17991	22472	12383		
1.1/2" - 12	10885	16445	21380	10885	13254	19290	24422	13254			15624	22133	27464	15624		
1.5/8" -	12770	19170	24919	12770	15762	22760	28762	15762			18754	26351	32603	18754		
1.3/4" -	15411	25819	33565	15411	18403	29410	37407	18403			21395	33000	41249	21395		
2" -	21412			21412	24483			24483			27555			27555		
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	766	962	1148	766	824	1020	1206	824	1244	1471	870	1066	1252	870	1301	1527
1/4" - 28	826	1007	1094	826	884	1065	1152	884	1300	1405	930	1112	1198	930	1356	1462
5/16" - 24	893	1093	1119	893	973	1173	1199	973	1432	1462	1037	1237	1263	1037	1510	1540
3/8" - 24	1145	1361	1487	1145	1247	1463	1589	1247	1785	1939	1329	1544	1671	1329	1884	2039
7/16" - 20	1381	1606	2248	1381	1507	1732	2374	1507	2113	2896	1608	1833	2475	1608	2236	3019
1/2" - 20	1620	1911	3025	1620	1746	2037	3151	1746	2485	3844	1847	2138	3252	1847	2608	3967
5/8" - 18	2274	2868	3241	2274	2448	3042	3415	2448	3711	4166	2587	3181	3554	2587	3881	4336
3/4" - 16	4559	5242	6496	4559	4881	5564	6818	4881			5138	5822	7076	5138		
7/8" - 14	5130	6042	7249	5130	5508	6420	7627	5508			5810	6723	7930	5810		
1" - 12	7372	9341	11142	7372	7750	9719	11520	7750			8053	10021	11822	8053		



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.)
DIN-374/DIN-376 UNIFIED FINE (UNF)																
No. 10 - 32	651	818	976	651	709	876	1034	709	1068	1261	756	922	1080	756	1125	1318
1/4" - 28	702	856	930	702	760	914	988	760	1115	1205	807	960	1034	807	1172	1262
5/16" - 24	759	929	951	759	839	1009	1031	839	1231	1258	903	1073	1095	903	1309	1336
3/8" - 24	973	1157	1264	973	1075	1259	1366	1075	1536	1666	1157	1340	1448	1157	1635	1766
7/16" - 20	1174	1365	1911	1174	1300	1491	2037	1300	1819	2485	1401	1592	2138	1401	1942	2608
1/2" - 20	1377	1624	2571	1377	1503	1750	2697	1503	2135	3291	1604	1851	2798	1604	2258	3414
5/8" - 18	1933	2438	2755	1933	2107	2612	2929	2107	3186	3573	2246	2751	3068	2246	3356	3743
3/4" - 16	3875	4456	5522	3875	4197	4778	5844	4197			4455	5035	6101	4455		
7/8" - 14	4361	5136	6162	4361	4739	5514	6540	4739			5041	5816	6842	5041		
1" - 12	6266	7940	9471	6266	6644	8318	9849	6644			6947	8620	10151	6947		
IS-6175-I,II,III, BS-949 & ISO 529 British Standard Whitworth (BSW)																
1/8" - 40	476	651	749	476	534	709	807	534	865	984	580	756	853	580	922	1041
5/32" - 32	478	623	697	478	536	681	755	536	831	921	582	727	802	582	887	978
1/4" - 20	500	592	683	500	558	650	741	558	793	904	604	696	788	604	849	961
5/16" - 18	606	707	843	606	686	787	923	686	960	1126	750	851	987	750	1039	1204
3/8" - 16	765	821	1013	765	867	923	1115	867	1126	1360	949	1005	1196	949	1226	1459
7/16" - 14	975	1175	1411	975	1101	1301	1537	1101	1587	1875	1202	1402	1638	1202	1710	1998
1/2" - 12	1209	1351	1534	1209	1335	1477	1660	1335	1802	2026	1435	1578	1761	1435	1925	2149
5/8" - 11	1579	1882	2310	1579	1753	2056	2484	1753	2508	3030	1892	2195	2623	1892	2678	3200
3/4" - 10	2908	3344	3827	2908	3230	3666	4149	3230			3488	3924	4407	3488		
7/8" - 9	3466	4464	5963	3466	3844	4842	6341	3844			4147	5144	6643	4147		
1" - 8	5061	6935	8684	5061	5439	7313	9062	5439			5742	7615	9365	5742		
ISO 2283 IS-6175-IV (IS-7821) British Standard Whitworth (BSW)																
1/4" - 20	834	1051	1260	834	892	1109	1318	892	1353	1608	938	1156	1364	938	1410	1665
5/16" - 18	893	1093	1261	893	973	1173	1341	973	1432	1637	1037	1237	1405	1037	1510	1715
3/8" - 16	1182	1361	1633	1182	1284	1463	1735	1284	1785	2117	1366	1544	1817	1366	1884	2217
7/16" - 14	1519	1767	2032	1519	1645	1893	2158	1645	2309	2632	1746	1993	2258	1746	2432	2755
1/2" - 12	1744	2181	3065	1744	1870	2307	3191	1870	2814	3893	1971	2407	3291	1971	2937	4016
5/8" - 11	2274	2824	3309	2274	2448	2998	3483	2448	3657	4249	2587	3137	3622	2587	3827	4419
3/4" - 10	4955	5698	6784	4955	5277	6020	7106	5277			5535	6278	7363	5535		
7/8" - 9	5323	6068	7960	5323	5701	6446	8338	5701			6004	6749	8640	6004		
1" - 8	7372	9341	12180	7372	7750	9719	12558	7750			8053	10021	12861	8053		



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.)
DIN-371 British Standard Whitworth (BSW)																
1/8" - 40	490	671	771	490	548	729	829	548	889	1012	595	775	876	595	945	1069
5/32" - 32	492	642	718	492	550	700	776	550	854	947	597	746	822	597	910	1003
3/16" - 24	539	643	726	539	597	701	784	597	855	957	643	747	831	643	911	1013
1/4" - 20	515	610	703	515	573	668	761	573	815	929	619	714	808	619	871	986
5/16" - 18	624	728	868	624	704	808	948	704	986	1157	768	872	1012	768	1064	1235
3/8" - 16	788	846	1043	788	890	948	1145	890	1156	1397	972	1029	1227	972	1256	1497
DIN-374/DIN-376 British Standard Whitworth (BSW)																
1/4" - 20	709	893	1071	709	767	951	1129	767	1161	1377	813	998	1175	813	1217	1434
5/16" - 18	759	929	1072	759	839	1009	1152	839	1231	1405	903	1073	1216	903	1309	1483
3/8" - 16	1005	1157	1388	1005	1107	1259	1490	1107	1536	1818	1188	1340	1572	1188	1635	1917
7/16" - 14	1291	1502	1727	1291	1417	1628	1853	1417	1986	2261	1518	1729	1954	1518	2109	2384
1/2" - 12	1482	1854	2605	1482	1608	2307	2731	1608	2814	3332	1709	2407	2832	1709	2937	3455
5/8" - 11	1933	2426	2813	1933	2107	2600	2987	2107	3172	3644	2246	2739	3126	2246	3342	3814
3/4" - 10	4212	4843	5766	4212	4534	5165	6088	4534			4791	5423	6346	4791		
7/8" - 9	4525	5204	6766	4525	4903	5582	7144	4903			5205	5884	7446	5205		
1" - 8	6266	7940	10353	6266	6644	8318	10731	6644			6947	8620	11033	6947		
IS-6175-I,II,III, BS-949 & ISO 529 British Standard Fine (BSF)																
1/4" - 26	500	592	683	500	558	650	741	558	793	904	604	696	788	604	849	961
5/16" - 22	606	707	843	606	686	787	923	686	960	1126	750	851	987	750	1039	1204
3/8" - 20	765	821	1013	765	867	923	1115	867	1126	1360	949	1005	1196	949	1226	1459
7/16" - 18	975	1175	1411	975	1101	1301	1537	1101	1587	1875	1202	1402	1638	1202	1710	1998
1/2" - 16	1209	1351	1534	1209	1335	1477	1660	1335	1802	2026	1435	1578	1761	1435	1925	2149
5/8" - 14	1579	1882	2310	1579	1753	2056	2484	1753	2508	3030	1892	2195	2623	1892	2678	3200
3/4" - 12	2908	3344	3827	2908	3230	3666	4149	3230			3488	3924	4407	3488		
7/8" - 11	3466	4464	5963	3466	3844	4842	6341	3844			4147	5144	6643	4147		
1" - 10	5061	6935	8684	5061	5439	7313	9062	5439			5742	7615	9365	5742		
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	834	1051	1260	834	892	1109	1318	892	1353	1608	938	1156	1364	938	1410	1665
5/16" - 22	893	1093	1261	893	973	1173	1341	973	1432	1637	1037	1237	1405	1037	1510	1715
3/8" - 20	1182	1361	1633	1182	1284	1463	1735	1284	1785	2117	1366	1544	1817	1366	1884	2217
7/16" - 18	1519	1767	2067	1519	1645	1893	2193	1645	2309	2675	1746	1993	2294	1746	2432	2798
1/2" - 16	1744	2181	3065	1744	1870	2307	3191	1870	2814	3893	1971	2407	3291	1971	2937	4016
5/8" - 14	2274	2824	3309	2274	2448	2998	3483	2448	3657	4249	2587	3137	3622	2587	3827	4419
3/4" - 12	4955	5698	6784	4955	5277	6020	7106	5277			5535	6278	7363	5535		
7/8" - 11	5323	6122	7960	5323	5701	6500	8338	5701			6004	6802	8640	6004		
1" - 10	7372	9341	12180	7372	7750	9719	12558	7750			8053	10021	12861	8053		
DIN-374/DIN - 376 British Standard Fine (BSF)																
5/16" - 22	759	929	1072	759	839	1009	1152	839	1231	1405	903	1073	1216	903	1309	1483
3/8" - 20	1005	1157	1388	1005	1107	1259	1490	1107	1536	1818	1188	1340	1572	1188	1635	1917
7/16" - 18	1291	1502	1757	1291	1417	1628	1883	1417	1986	2297	1518	1729	1984	1518	2109	2420
1/2" - 16	1482	1854	2605	1482	1608	2012	2731	1608	2455	3332	1709	2184	2832	1709	2664	3455
5/8" - 14	1933	2426	2813	1933	2107	2600	2987	2107	3172	3644	2246	2739	3126	2246	3342	3814
3/4" - 12	4212	4843	5766	4212	4534	5165	6088	4534			4791	5423	6346	4791		
7/8" - 11	4525	5204	6766	4525	4903	5582	7144	4903			5205	5884	7446	5205		
1" - 10	6266	7940	10353	6266	6644	8318	10731	6644			6947	8620	11033	6947		

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	739	938	2276	1807	1050	1252	2590	2007	1361	1565	2904	
1/4" - 19	1149	1674	3468	2817	1560	2099	3879	3079	1970	2523	4291	
3/8" - 19	1765	2230	5330	4297	2374	2839	5940	4676	2983	3448	6551	
1/2" - 14	2537	3178	7704	6641	3528	4168	8694	7258	4519	5158	9684	
5/8" - 14	2677	-	-	-	4312	-	-	-	5947	-	-	-
3/4" - 14	3776	4941	11445	-	5303	6465	12971	-	6831	7990	14497	
7/8"	4707	-	-	-	6457	-	-	-	8207	-	-	-
1" - 11	5944	7757	-	-	7701	9513	-	-	9458	11269	-	-

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	914	-	2548	-	1229	-	2841	-	1544	-	3133	-
1/8" - 27	1029	843	2955	2106	1340	1155	3245	2418	1651	1467	3535	2730
1/4" - 18	1760	1456	5152	3639	2171	1865	5532	4049	2583	2274	5911	4459
3/8" - 18	2335	1866	6851	4665	2946	2477	7419	5272	3556	3087	7987	5880
1/2" - 14	3357	2866	9824	7161	4351	3856	10743	8151	5345	4845	11662	-
3/4" - 14	5026	3998	14543	9997	6553	5524	15961	11523	8081	7050	17380	13049
1" - 11.5	7976	6734	-	-	9729	8488	-	-	11481	10242	-	-

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"	850	978	1063	1222	1190	1428	1286	1608	1849
1/4"	1322	1520	1652	1900	1851	2221	2200	2750	3163
3/8"	2030	2335	2538	2918	2842	3411	2919	3648	4196
1/2"	2917	3355	3647	4194	4084	4901	4196	5245	6032
3/4"	4342	4994	5428	6242	6079	7295	6283	7853	9031
1"	6836	7861	8545	9827	9570	11485	9970	12463	14332

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"	1117	1244	1329	1489	1457	1695	1606	1928	2169
1/4"	1670	1868	2000	2248	2199	2569	2618	3168	3580
3/8"	2539	2844	3047	3427	3351	3920	3529	4259	4806
1/2"	3742	4180	4472	5019	4909	5726	5186	6235	7022
3/4"	5614	6265	6700	7514	7351	8567	7808	9379	10557
1"	8299	9325	10008	11290	11034	12948	11726	14218	16088

Prices for NPSI/NPSM : 35% extra.

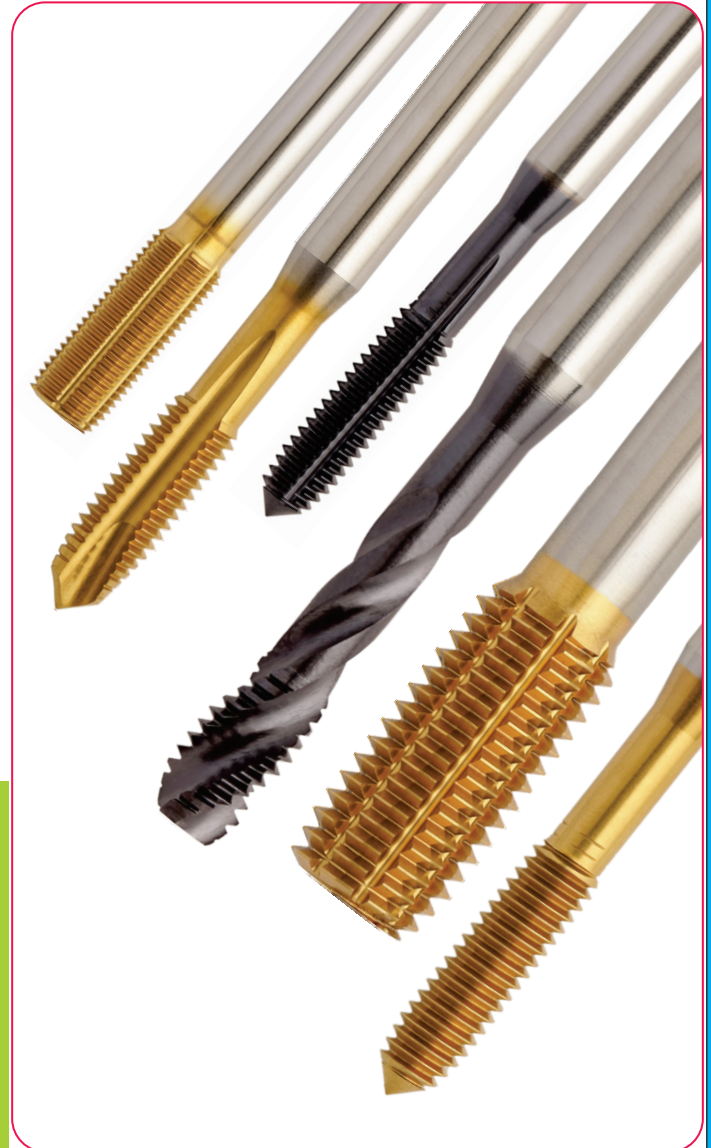
Prices for NPT (Interrupted) : 35% extra.

HSS-E

HIGH SPEED STEEL GROUND THREAD TAPS

STI TAP (HSS-E)

DIA & PITCH (mm)	FLUTELESS		FLUTELESS OIL GROOVE	
		TIN		TIN
3 X 0.5	2030	2113	2237	2321
4 X 0.7	2030	2113	2237	2321
5 X 0.8	2030	2113	2237	2321
6 X 1.0	2030	2113	2237	2321
8 X 1.25	2342	2489	2451	2598
10 X 1.50	2864	3116	2996	3247
12 X 1.75	4678	5055	5102	5479
14 X 2.00	6374	6875	7056	7558
16 X 2.00	6757	7343	7624	8211



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.**



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