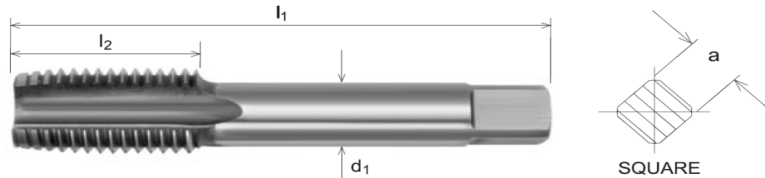


CAPITAL

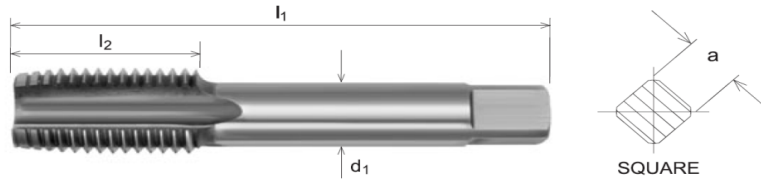
CUTTING TOOLS



TAPS - METRIC COARSE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T104-	T105-	T106-	T103-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0163	1.6	0.35	8	41	2.5	2	43.91	43.91	43.91	131.74
0204	2.0	0.4	8	41	2.5	2	16.89	16.89	16.89	50.67
0202	2.2	0.45	9.5	44.5	2.8	2.24	16.54	16.54	16.54	49.61
0251	2.5	0.45	9.5	44.5	2.8	2.24	13.70	13.70	13.70	41.07
0305	3.0	0.5	11	48	3.15	2.5	10.31	10.31	10.31	30.92
0356	3.5	0.6	13	50	3.55	2.8	10.75	10.75	10.75	32.27
0402	4.0	0.7	13	53	4	3.15	8.89	8.89	8.89	26.66
0457	4.5	0.75	13	53	4.5	3.55	11.61	11.61	11.61	34.83
0508	5.0	0.8	16	58	5	4	9.97	9.97	9.97	29.87
0610	6.0	1.0	19	66	6.3	5	10.28	10.28	10.28	30.84
0710	7.0	1.0	19	66	7.1	5.6	12.35	12.35	12.35	36.91
0812	8.0	1.25	22	72	8	6.3	10.75	10.75	10.75	32.27
0912	9.0	1.25	22	72	9	7.1	17.60	17.60	17.60	52.86
1015	10	1.5	24	80	10	8	14.72	14.72	14.72	44.15
1115	11	1.5	25	85	8	6.3	22.36	22.36	22.36	67.08
1217	12	1.75	29	89	9	7.1	22.74	22.74	22.74	68.22
1420	14	2.0	30	95	11.2	9	27.34	27.34	27.34	82.03
1620	16	2.0	32	102	12.5	10	33.14	33.14	33.14	99.41
1825	18	2.5	37	112	14	11.2	51.38	51.38	51.38	154.14
2025	20	2.5	37	112	14	11.2	57.24	57.24	57.24	171.73
2225	22	2.5	38	118	16	12.5	64.65	64.65	64.65	193.96
2430	24	3.0	45	130	18	14	74.63	74.63	74.63	223.89
2730	27	3.0	45	135	20	16	114.40	114.40	114.40	343.18
3035	30	3.5	48	138	20	16	127.68	127.68	127.68	383.01
3335	33	3.5	51	151	22.4	18	166.75	166.75	166.75	500.23
3640	36	4.0	57	162	25	20	193.95	193.95	193.95	581.85
3940	39	4.0	60	170	28	22.4	232.14	232.14	232.14	696.40
4245	42	4.5	60	170	28	22.4	265.28	265.28	265.28	795.80
4545	45	4.5	67	187	31.5	25	343.30	343.30	343.30	1029.87

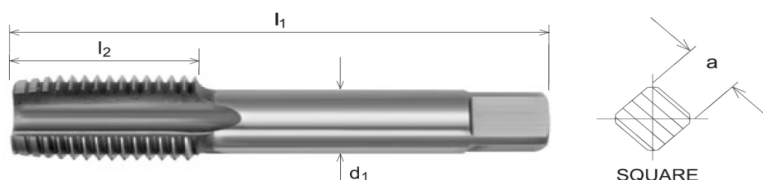


TAPS - METRIC COARSE
HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T104-	T105-	T106-	T103-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4850	48	5.0	67	187	31.5	25	366.39	366.39	366.39	1099.14
5250	52	5.0	70	200	35.5	28	429.48	429.48	429.48	1288.46
5655	56	5.5	70	200	35.5	38	602.46	602.46	602.46	1807.31
6055	60	5.5	70	200	40	31.5	637.65	637.65	637.65	1912.96
6460	64	6.0	70	200	40	31.5	721.57	721.57	721.57	2164.67
6860	68	6.0	70	200	45	35.5	761.74	761.74	761.74	2285.20
7260	72	6.0	70	200	45	35.5	811.33	811.33	811.33	2433.99
7660	76	6.0	70	200	50	40	977.49	977.49	977.49	2932.52
8060	80	6.0	70	200	50	40	1049.98	1049.98	1049.98	3150.04
8506	85	6.0	70	200	50	40	1132.39	1132.39	1132.39	3397.13
9060	90	6.0	70	200	50	40	1215.94	1215.94	1215.94	3647.80
9560	95	6.0	70	200	56	45	1266.18	1266.18	1266.18	3798.56
1060	100	6.0	70	200	56	45	1417.69	1417.69	1417.69	4253.09

CAPITAL

CUTTING TOOLS



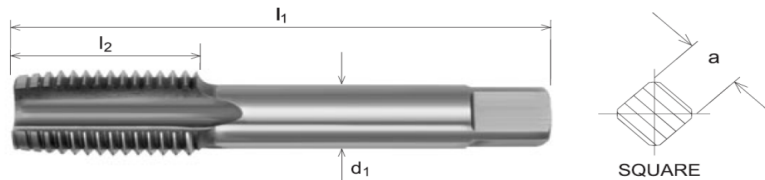
TAPS - METRIC COARSE LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T114-	T115-	T116-	T113-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0305	3.0	0.5	11	48	3.15	2.5	23.18	23.18	23.18	69.58
0402	4.0	0.7	13	53	4	3.15	23.18	23.18	23.18	69.58
0457	4.5	0.75	13	53	4.5	3.55	32.19	32.19	32.19	96.56
0508	5.0	0.8	16	58	5	4	23.18	23.18	23.18	69.58
0610	6.0	1.0	19	66	6.3	5	24.53	24.53	24.53	73.58
0710	7.0	1.0	19	66	7.1	5.6	23.31	23.31	23.31	69.94
0812	8.0	1.25	22	72	8	6.3	25.73	25.73	25.73	77.18
0912	9.0	1.25	22	72	9	7.1	25.73	25.73	25.73	77.18
1015	10	1.5	24	80	10	8	31.36	31.36	31.36	94.07
1115	11	1.5	25	85	8	6.3	29.87	29.87	29.87	89.60
1217	12	1.75	29	89	9	7.1	52.91	52.91	52.91	158.73
1420	14	2.0	30	95	11.2	9	66.12	66.12	66.12	198.34
1620	16	2.0	32	102	12.5	10	71.07	71.07	71.07	213.21
1825	18	2.5	37	112	14	11.2	97.54	97.54	97.54	292.61
2025	20	2.5	37	112	14	11.2	114.13	114.13	114.13	342.38
2225	22	2.5	38	118	16	12.5	140.44	140.44	140.44	421.32
2430	24	3.0	45	130	18	14	147.54	147.54	147.54	442.64
2730	27	3.0	45	135	20	16	156.44	156.44	156.44	469.30
3035	30	3.5	48	138	20	16	161.76	161.76	161.76	485.30
3335	33	3.5	51	151	22.4	18	202.31	202.31	202.31	606.90
3640	36	4.0	57	162	25	20	229.51	229.51	229.51	688.52
3940	39	4.0	60	170	28	22.4	267.67	267.67	267.67	801.36
4245	42	4.5	60	170	28	22.4	368.63	368.63	368.63	1105.87
4545	45	4.5	67	187	31.5	25	372.51	372.51	372.51	1117.55
4850	48	5.0	67	187	31.5	25	381.49	381.49	381.49	1144.47
5250	52	5.0	70	200	35.5	28	429.48	429.48	429.48	1288.46
5655	56	5.5	70	200	35.5	38	602.46	602.46	602.46	1807.31
6055	60	5.5	70	200	40	31.5	637.65	637.65	637.65	1912.96
6460	64	6.0	70	200	40	31.5	721.57	721.57	721.57	2164.67
6860	68	6.0	70	200	45	35.5	761.74	761.74	761.74	2285.20
7260	72	6.0	70	200	45	35.5	812.05	812.05	812.05	2433.99

CAPITAL

CUTTING TOOLS



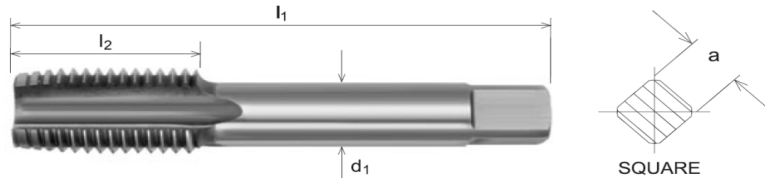
TAPS - METRIC OVERSIZE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T144-	T145-	T146-	T143-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0508.4	5	0.8 + .4	19	66	8	6.30				
0610.4	6	1.0 + .4	19	66	8	6.30				
0812.4	8	1.25 + .4	22	72	8	6.3				
1015.4	10	1.5 + .4	24	80	10	8				
1217.4	12	1.75 + .4	29	89	9	7.1				
1420.4	14	2.0 + .4	30	95	11.2	9				
1620.4	16	2.0 + .4	32	102	12.5	10				
1825.4	18	2.5 + .4	37	112	14	11.2				
2025.4	20	2.5 + .4	37	112	14	11.2				
2225.4	22	2.5 + .4	38	118	16	12.5				
2430.4	24	3.0 + .4	45	130	18	14				
2430.45	24	3.0 + .45	45	130	18	14				
2430.5	24	3.0 + .5	45	130	18	14				
2730.4	27	3.0 + .4	45	135	20	16				
2730.5	27	3.0 + .5	45	135	20	16				
3035.4	30	3.5 + .4	48	138	20	16				
3035.5	30	3.5 + .5	48	138	20	16				
3035.6	30	3.5 + .6	48	138	20	16				
3335.5	33	3.5 + .5	51	151	22.4	18				
3640.5	36	4.0 + 0.5	57	162	25	20				
3640.6	36	4.0 + 0.6	57	162	25	20				
4245.5	42	4.5 + .5	60	170	28	22.4				
4245.6	42	4.5 + .6	60	170	28	22.4				

CAPITAL

CUTTING TOOLS



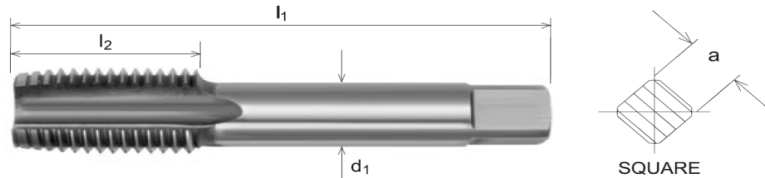
TAPS - METRIC OVERSIZE **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T154-	T155-	T156-	T153-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0610.4	6	1.0 + .4	20	65	7	5.8	37.47	37.47	37.47	112.41
0812.4	8	1.25 + .4	22	72	8	6.3	37.47	37.47	37.47	112.41
1005.4	10	0.5 + .5	24	80	10	8	39.99	39.99	39.99	120.02
1015.4	10	1.5 + .4	24	80	10	8	39.99	39.99	39.99	120.02
1217.4	12	1.75 + .4	29	89	9	7.1	51.20	51.20	51.20	153.59
1420.4	14	2.0 + .4	30	95	11.2	9	57.12	57.12	57.12	171.33
1620.4	16	2.0 + .4	32	102	12.5	10	60.98	60.98	60.98	182.95
1825.4	18	2.5 + .4	37	112	14	11.2	73.74	73.74	73.74	221.22
2025.4	20	2.5 + .4	37	112	14	11.2	86.39	86.39	86.39	259.18
2225.4	22	2.5 + .4	38	118	16	12.5	104.79	104.79	104.79	314.36
2430.4	24	3.0 + .4	45	130	18	14	112.70	112.70	112.70	338.11
2430.45	24	3.0 + .45	45	130	18	14	112.70	112.70	112.70	338.11
2430.5	24	3.0 + .5	45	130	18	14	112.70	112.70	112.70	338.11
2730.4	27	3.0 + .4	45	135	20	16	141.06	141.06	141.06	423.21
2730.5	27	3.0 + .5	45	135	20	16	141.06	141.06	141.06	423.21
3035.4	30	3.5 + .4	48	138	20	16	214.75	214.75	214.75	644.24
3035.5	30	3.5 + .5	48	138	20	16	214.75	214.75	214.75	644.24
3035.6	30	3.5 + .6	48	138	20	16	214.75	214.75	214.75	644.24
3640.5	36	4.0 + .5	57	162	25	20	291.19	291.19	291.19	873.56
3640.6	36	4.0 + .6	57	162	25	20	291.19	291.19	291.19	873.56
4245.5	42	4.5 + .5	60	170	28	22.4	308.43	308.43	308.43	925.30
4245.6	42	4.5 + .6	60	170	28	22.4	308.43	308.43	308.43	925.30

CAPITAL

CUTTING TOOLS



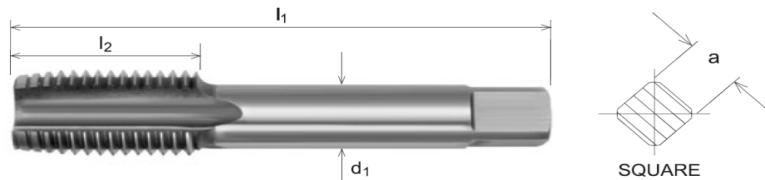
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0234	2.3	0.4	11	48	3.15	2.5	20.61	20.61	20.61	61.87
0245	2.0	0.45	11	48	3.15	2.5	20.61	20.61	20.61	61.87
0264	2.6	0.45	11	48	3.15	2.5	20.61	20.61	20.61	61.87
0303	3.0	0.35	11	48	3.15	2.5	20.61	20.61	20.61	61.87
0306	3.0	0.6	11	48	3.15	2.5	20.61	20.61	20.61	61.87
0353	3.5	0.35	13	50	3.55	2.8	20.61	20.61	20.61	61.87
0355	3.5	0.5	13	50	3.55	2.8	20.61	20.61	20.61	61.87
0356	3.5	0.6	13	50	3.55	2.8	20.61	20.61	20.61	61.87
0405	4.0	0.5	13	53	4	3.15	20.61	20.61	20.61	61.87
0407	4.0	0.75	13	53	4	3.15	20.61	20.61	20.61	61.87
0455	4.5	0.5	13	53	4.5	3.55	20.61	20.61	20.61	61.87
0505	5.0	0.5	16	58	5	4	18.12	18.12	18.12	54.36
0507	5.0	0.75	16	58	5	4	20.61	20.61	20.61	61.87
0509	5.0	0.9	16	58	5	4	20.61	20.61	20.61	61.87
0510	5.0	1.0	16	58	5	4	20.61	20.61	20.61	61.87
0512	5.0	1.25	16	58	5	4	20.61	20.61	20.61	61.87
0515	5.0	1.5	16	58	5	4	20.61	20.61	20.61	61.87
0555	5.5	0.5	17	62	5.6	4.5	20.71	20.71	20.71	62.13
0557	5.5	0.75	17	62	5.6	4.5	20.61	20.61	20.61	61.83
0605	6.0	0.5	19	66	6.3	5	20.71	20.71	20.71	62.13
0607	6.0	0.7	19	66	6.3	5	24.42	24.42	24.42	73.29
0607	6.0	0.75	19	66	6.3	5	24.42	24.42	24.42	73.29
0608	6.0	0.8	19	66	6.3	5	24.42	24.42	24.42	73.29
0609	6.0	0.9	19	66	6.3	5	24.42	24.42	24.42	73.29
0612	6.0	1.25	19	66	6.3	5	24.42	24.42	24.42	73.29
0615	6.0	1.5	19	66	6.3	5	24.42	24.42	24.42	73.29
0705	7.0	0.5	19	66	7.1	5.6	26.00	26.00	26.00	77.97
0707	7.0	0.75	19	66	7.1	5.6	26.00	26.00	26.00	77.97
0708	7.0	0.8	19	66	7.1	5.6	26.00	26.00	26.00	77.97

CAPITAL

CUTTING TOOLS



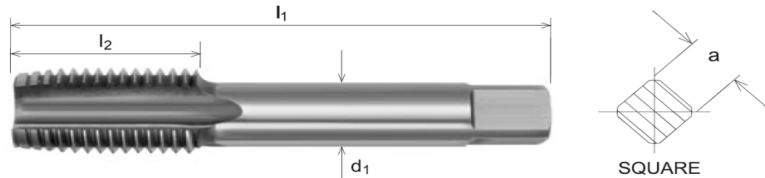
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0709	7.0	0.9	19	66	7.1	5.6	26.00	26.00	26.00	77.97
0712	7.0	1.25	19	66	7.1	5.6	26.00	26.00	26.00	77.97
0715	7.0	1.5	19	66	7.1	5.6	43.43	43.43	43.43	130.27
0805	8.0	0.5	19	69	8	6.3	43.43	43.43	43.43	130.27
0870	8.0	0.7	19	69	8	6.3	43.43	43.43	43.43	130.27
0807	8.0	0.75	19	69	8	6.3	24.77	24.77	24.77	74.31
0808	8.0	0.8	19	69	8	6.3	32.19	32.19	32.19	96.56
0809	8.0	0.9	19	69	8	6.3	43.43	43.43	43.43	130.27
0810	8.0	1.0	19	69	8	6.3	19.86	19.86	19.86	59.59
0815	8.0	1.5	19	69	8	6.3	26.00	26.00	26.00	77.97
0817	8.0	1.75	19	69	8	6.3	43.43	43.43	43.43	130.27
0905	9.0	0.5	19	69	9	7.1	26.00	26.00	26.00	77.97
0906	9.0	0.6	19	69	9	7.1	26.00	26.00	26.00	77.97
0907	9.0	0.75	19	69	9	7.1	33.82	33.82	33.82	101.43
0908	9.0	0.8	19	69	9	7.1	26.00	26.00	26.00	77.97
0910	9.0	1.0	19	69	9	7.1	29.36	29.36	29.36	88.07
0915	9.0	1.5	19	69	9	7.1	26.00	26.00	26.00	77.97
0917	9.0	1.75	19	69	9	7.1	26.00	26.00	26.00	77.97
1005	10	0.5	20	76	10	8	43.43	43.43	43.43	130.27
1007	10	0.7	20	76	10	8	33.69	33.69	33.69	101.07
1075	10	0.75	20	76	10	8	33.72	33.72	33.72	101.17
1008	10	0.8	20	76	10	8	33.69	33.69	33.69	101.07
1009	10	0.9	20	76	10	8	33.72	33.72	33.72	101.17
1010	10	1.0	20	76	10	8	27.32	27.32	27.32	81.93
1012	10	1.25	20	76	10	8	27.26	27.26	27.26	81.78
1017	10	1.75	20	76	10	8	48.80	48.80	48.80	146.39
1020	10	2.0	20	76	10	8	94.11	94.11	94.11	282.35
1105	11	0.5	22	82	8	6.3	58.49	58.49	58.49	175.49
1107	11	0.75	22	82	8	6.3	67.00	67.00	67.00	200.98

CAPITAL

CUTTING TOOLS



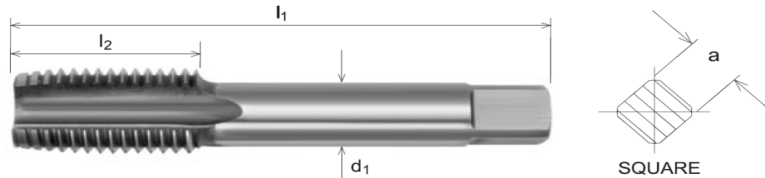
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1110	11	1.0	22	82	8	6.3	67.00	67.00	67.00	200.98
1112	11	1.25	22	82	8	6.3	67.00	67.00	67.00	200.98
1117	11	1.75	22	82	8	6.3	67.00	67.00	67.00	200.98
1120	11	2.0	22	82	8	6.3	67.00	67.00	67.00	200.98
1205	12	0.5	24	84	9	7.1	46.10	46.10	46.10	138.30
1207	12	0.7	24	84	9	7.1	46.10	46.10	46.10	138.30
1275	12	0.75	24	84	9	7.1	48.34	48.34	48.34	145.01
1208	12	0.8	24	84	9	7.1	39.37	39.37	39.37	118.09
1210	12	1.0	24	84	9	7.1	39.37	39.37	39.37	118.09
1212	12	1.25	24	84	9	7.1	31.36	31.36	31.36	94.07
1215	12	1.5	24	84	9	7.1	31.36	31.36	31.36	94.07
1220	12	2.0	24	84	9	7.1	29.87	29.87	29.87	89.60
1305	13	0.5	29	89	9	7.1	43.91	43.91	43.91	131.75
1307	13	0.75	29	89	9	7.1	32.54	32.54	32.54	97.62
1310	13	1.0	29	89	9	7.1	32.54	32.54	32.54	97.62
1312	13	1.25	29	89	9	7.1	32.54	32.54	32.54	97.62
1315	13	1.5	29	89	9	7.1	32.54	32.54	32.54	97.62
1317	13	1.75	29	89	9	7.1	32.54	32.54	32.54	97.62
1320	13	2.0	29	89	9	7.1	32.54	32.54	32.54	97.62
1405	14	0.5	25	90	11.2	9	49.25	49.25	49.25	147.75
1407	14	0.7	25	90	11.2	9	49.25	49.25	49.25	147.75
1475	14	0.75	25	90	11.2	9	49.25	49.25	49.25	147.75
1410	14	1.0	25	90	11.2	9	47.36	47.36	47.36	142.06
1412	14	1.25	25	90	11.2	9	46.28	46.28	46.28	138.81
1415	14	1.5	25	90	11.2	9	46.28	46.28	46.28	138.81
1417	14	1.75	25	90	11.2	9	46.28	46.28	46.28	138.81
1505	15	0.5	30	95	11.2	9	69.51	69.51	69.51	208.54
1507	15	0.75	30	95	11.2	9	69.51	69.51	69.51	208.54
1508	15	0.8	30	95	11.2	9	69.51	69.51	69.51	208.54

CAPITAL

CUTTING TOOLS



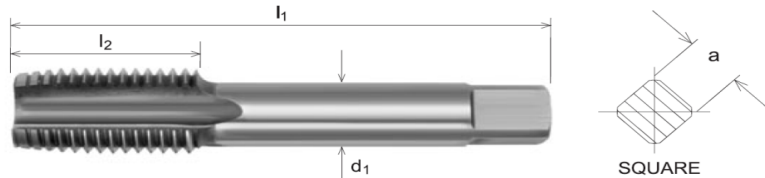
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1510	15	1.0	30	95	11.2	9	65.09	65.09	65.09	195.29
1512	15	1.25	30	95	11.2	9	65.09	65.09	65.09	195.29
1515	15	1.5	30	95	11.2	9	65.09	65.09	65.09	195.29
1517	15	1.75	30	95	11.2	9	65.09	65.09	65.09	195.29
1520	15	2.0	30	95	11.2	9	65.09	65.09	65.09	195.29
1525	15	2.5	30	95	11.2	9	65.09	65.09	65.09	195.29
1605	16	0.5	32	102	12.5	10	70.23	70.23	70.23	210.69
1607	16	0.75	32	102	12.5	10	70.23	70.23	70.23	210.69
1608	16	0.8	32	102	12.5	10	70.23	70.23	70.23	210.69
1610	16	1.0	32	102	12.5	10	47.36	47.36	47.36	142.06
1612	16	1.25	32	102	12.5	10	47.36	47.36	47.36	142.06
1615	16	1.5	32	102	12.5	10	46.28	46.28	46.28	138.81
1617	16	1.75	32	102	12.5	10	62.43	62.43	62.43	187.28
1710	17	1.0	32	102	12.5	10	80.54	80.54	80.54	241.61
1712	17	1.25	32	102	12.5	10	80.54	80.54	80.54	241.61
1715	17	1.5	32	102	12.5	10	80.54	80.54	80.54	241.61
1720	17	2.0	32	102	12.5	10	80.54	80.54	80.54	241.61
1805	18	0.5	37	112	14	11.2	74.41	74.41	74.41	223.22
1807	18	0.75	37	112	14	11.2	74.41	74.41	74.41	223.22
1810	18	1.0	37	112	14	11.2	74.41	74.41	74.41	223.22
1812	18	1.25	37	112	14	11.2	55.85	55.85	55.85	167.56
1815	18	1.5	37	112	14	11.2	59.50	59.50	59.50	178.53
1820	18	2.0	37	112	14	11.2	64.63	64.63	64.63	193.86
1907	19	0.75	37	112	14	11.2	98.84	98.84	98.84	296.51
1910	19	1.0	37	112	14	11.2	98.84	98.84	98.84	296.51
1915	19	1.5	37	112	14	11.2	98.84	98.84	98.84	296.51
1920	19	2.0	37	112	14	11.2	98.84	98.84	98.84	296.51
1925	19	2.5	37	112	14	11.2	98.84	98.84	98.84	296.51
2005	20	0.5	37	112	14	11.2	90.78	90.78	90.78	272.35

CAPITAL

CUTTING TOOLS



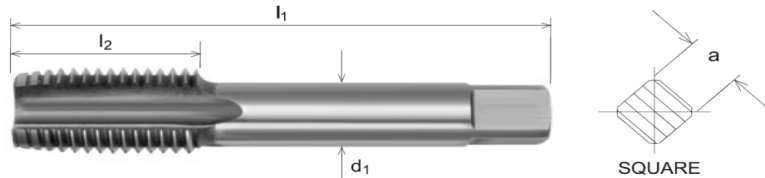
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2007	20	0.75	37	112	14	11.2	90.78	90.78	90.78	272.35
2008	20	0.8	37	112	14	11.2	90.78	90.78	90.78	272.35
2010	20	1.0	37	112	14	11.2	90.78	90.78	90.78	272.35
2012	20	1.25	37	112	14	11.2	71.92	71.92	71.92	215.76
2015	20	1.5	37	112	14	11.2	74.41	74.41	74.41	223.22
2017	20	1.75	37	112	14	11.2	74.41	74.41	74.41	223.22
2020	20	2.0	37	112	14	11.2	71.92	71.92	71.92	215.76
2030	20	3.0	37	112	14	11.2	74.41	74.41	74.41	223.22
2110	21	1.0	37	112	14	11.2	115.38	115.38	115.38	346.14
2115	21	1.5	37	112	14	11.2	129.88	129.88	129.88	389.61
2117	21	1.75	37	112	14	11.2	129.88	129.88	129.88	389.61
2207	22	0.7	37	112	14	11.2	129.88	129.88	129.88	389.61
2210	22	1.0	38	118	16	12.5	129.88	129.88	129.88	389.61
2212	22	1.25	38	118	16	12.5	89.20	89.20	89.20	267.58
2215	22	1.5	38	118	16	12.5	71.92	71.92	71.92	215.76
2217	22	1.75	38	118	16	12.5	159.11	159.11	159.11	477.33
2220	22	2.0	38	118	16	12.5	159.11	159.11	159.11	477.33
2230	22	3.0	38	118	16	12.5	159.11	159.11	159.11	477.33
2305	23	0.5	45	130	18	14	159.11	159.11	159.11	477.33
2310	23	1.0	45	130	18	14	159.11	159.11	159.11	477.33
2315	23	1.5	45	130	18	14	118.69	118.69	118.69	356.10
2317	23	1.75	45	130	18	14	118.69	118.69	118.69	356.10
2405	24	0.5	45	130	18	14	132.11	132.11	132.11	396.32
2407	24	0.75	45	130	18	14	132.11	132.11	132.11	396.32
2410	24	1.0	45	130	18	14	132.11	132.11	132.11	396.32
2412	24	1.25	45	130	18	14	102.94	102.94	102.94	308.82
2415	24	1.5	45	130	18	14	80.33	80.33	80.33	241.00
2417	24	1.75	45	130	18	14	109.12	109.12	109.12	327.35
2420	24	2.0	45	130	18	14	106.66	106.66	106.66	319.99

CAPITAL

CUTTING TOOLS



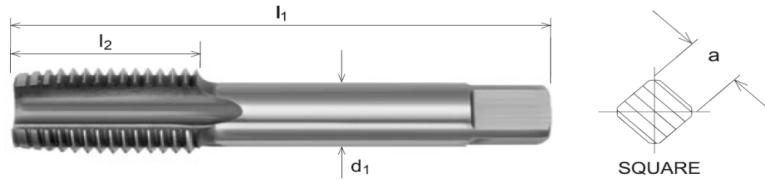
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2425	24	2.5	45	130	18	14	141.39	141.39	141.39	424.16
2510	25	1.0	45	130	18	14	141.39	141.39	141.39	424.16
2512	25	1.25	45	130	18	14	80.33	80.33	80.33	241.00
2515	25	1.5	45	130	18	14	80.36	80.36	80.36	241.19
2520	25	2.0	45	130	18	14	141.39	141.39	141.39	424.16
2525	25	2.5	45	130	18	14	141.39	141.39	141.39	424.16
2530	25	3.0	45	130	18	14	141.39	141.39	141.39	424.16
2610	26	1.0	48	138	20	16	141.39	141.39	141.39	424.16
2612	26	1.25	48	138	20	16	141.39	141.39	141.39	424.16
2615	26	1.5	48	138	20	16	141.39	141.39	141.39	424.16
2617	26	1.75	48	138	20	16	150.35	150.35	150.35	451.06
2620	26	2.0	48	138	20	16	150.35	150.35	150.35	451.06
2625	26	2.5	48	138	20	16	150.35	150.35	150.35	451.06
2705	27	0.5	48	138	20	16	150.35	150.35	150.35	451.06
2710	27	1.0	48	138	20	16	150.35	150.35	150.35	451.06
2712	27	1.25	48	138	20	16	150.35	150.35	150.35	451.06
2715	27	1.5	48	138	20	16	101.07	101.07	101.07	303.22
2720	27	2.0	48	138	20	16	163.77	163.77	163.77	491.30
2725	27	2.5	48	138	20	16	163.77	163.77	163.77	491.30
2810	28	1.0	48	138	20	16	163.77	163.77	163.77	491.30
2812	28	1.25	48	138	20	16	163.77	163.77	163.77	491.30
2815	28	1.5	48	138	20	16	163.77	163.77	163.77	491.30
2817	28	1.75	48	138	20	16	163.77	163.77	163.77	491.30
2820	28	2.0	48	138	20	16	163.77	163.77	163.77	491.30
2825	28	2.5	48	138	20	16	154.50	154.50	154.50	463.49
2830	28	3.0	48	138	20	16	163.77	163.77	163.77	491.30
2910	29	1.0	48	138	20	16	170.13	170.13	170.13	510.39
2912	29	1.25	48	138	20	16	170.13	170.13	170.13	510.39
2915	29	1.5	48	138	20	16	170.13	170.13	170.13	510.39

CAPITAL

CUTTING TOOLS



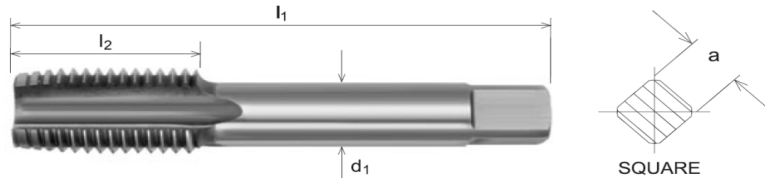
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3010	30	1.0	48	138	20	16	143.87	143.87	143.87	431.62
3012	30	1.25	48	138	20	16	143.87	143.87	143.87	431.62
3015	30	1.5	48	138	20	16	143.87	143.87	143.87	431.62
3017	30	1.75	48	138	20	16	143.87	143.87	143.87	431.62
3020	30	2.0	48	138	20	16	133.87	133.87	133.87	401.60
3025	30	2.5	48	138	20	16	137.06	137.06	137.06	411.19
3030	30	3.0	48	138	20	16	159.11	159.11	159.11	477.33
3110	31	1.0	48	138	20	16	182.39	182.39	182.39	547.18
3115	31	1.5	48	138	20	16	181.88	181.88	181.88	547.18
3210	32	1.0	51	151	22.4	18	165.51	165.51	165.51	496.53
3212	32	1.25	51	151	22.4	18	165.51	165.51	165.51	496.53
3215	32	1.5	51	151	22.4	18	114.69	114.69	114.69	344.06
3220	32	2.0	51	151	22.4	18	165.51	165.51	165.51	496.53
3230	32	3.0	51	151	22.4	18	165.51	165.51	165.51	496.53
3310	33	1.0	51	151	22.4	18	184.52	184.52	184.52	553.56
3312	33	1.25	51	151	22.4	18	184.52	184.52	184.52	553.56
3315	33	1.5	51	151	22.4	18	184.52	184.52	184.52	553.56
3320	33	2.0	51	151	22.4	18	172.98	172.98	172.98	518.92
3330	33	3.0	51	151	22.4	18	184.52	184.52	184.52	553.56
3410	34	1.0	57	162	25	20	196.80	196.80	196.80	590.39
3415	34	1.5	57	162	25	20	196.80	196.80	196.80	590.39
3510	35	1.0	57	162	25	20	199.46	199.46	199.46	598.37
3515	35	1.5	57	162	25	20	199.46	199.46	199.46	598.37
3520	35	2.0	57	162	25	20	199.46	199.46	199.46	598.37
3530	35	3.0	57	162	25	20	199.46	199.46	199.46	598.37
3610	36	1.0	57	162	25	20	228.25	228.25	228.25	684.76
3612	36	1.25	57	162	25	20	228.25	228.25	228.25	684.76
3615	36	1.5	57	162	25	20	228.25	228.25	228.25	684.76
3620	36	2.0	57	162	25	20	256.88	256.88	256.88	770.65

CAPITAL

CUTTING TOOLS



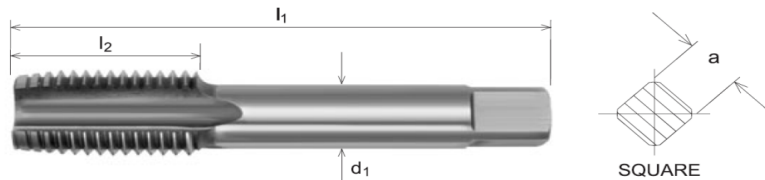
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3630	36	3.0	57	162	25	20	256.88	256.88	256.88	770.65
3710	37	1.0	60	170	28	22.4	298.13	298.13	298.13	894.37
3715	37	1.5	60	170	28	22.4	298.13	298.13	298.13	894.37
3810	38	1.0	60	170	28	22.4	308.96	308.96	308.96	926.87
3815	38	1.5	60	170	28	22.4	308.96	308.96	308.96	926.87
3820	38	2.0	60	170	28	22.4	308.96	308.96	308.96	926.87
3910	39	1.0	60	170	28	22.4	314.11	314.11	314.11	942.37
3915	39	1.5	60	170	28	22.4	314.11	314.11	314.11	942.37
3920	39	2.0	60	170	28	22.4	314.11	314.11	314.11	942.37
3930	39	3.0	60	170	28	22.4	314.11	314.11	314.11	942.37
4010	40	1.0	60	170	28	22.4	321.58	321.58	321.58	964.76
4015	40	1.5	60	170	28	22.4	177.12	177.12	177.12	531.37
4020	40	2.0	60	170	28	22.4	321.58	321.58	321.58	964.76
4110	41	1.0	60	170	28	22.4	328.00	328.00	328.00	983.97
4115	41	1.5	60	170	28	22.4	328.00	328.00	328.00	983.97
4210	42	1.0	60	170	28	22.4	337.06	337.06	337.06	1011.14
4215	42	1.5	60	170	28	22.4	337.06	337.06	337.06	1011.14
4220	42	2.0	60	170	28	22.4	337.06	337.06	337.06	1011.14
4230	42	3.0	60	170	28	22.4	337.06	337.06	337.06	1011.14
4240	42	4.0	60	170	28	22.4	337.06	337.06	337.06	1011.14
4510	45	1.0	67	187	31.5	25	352.33	352.33	352.33	1057.00
4515	45	1.5	67	187	31.5	25	352.33	352.33	352.33	1057.00
4520	45	2.0	67	187	31.5	25	352.33	352.33	352.33	1057.00
4530	45	3.0	67	187	31.5	25	352.16	352.16	352.16	1056.49
4610	46	1.0	67	187	31.5	25	402.29	402.29	402.29	1206.89
4615	46	1.5	67	187	31.5	25	402.29	402.29	402.29	1206.89
4710	47	1.0	67	187	31.5	25	402.29	402.29	402.29	1206.89
4715	47	1.5	67	187	31.5	25	402.29	402.29	402.29	1206.89
4810	48	1.0	67	187	31.5	25	387.73	387.73	387.73	1163.15

CAPITAL

CUTTING TOOLS



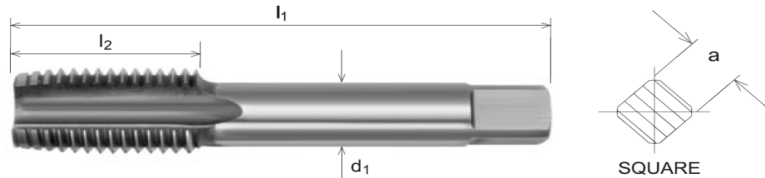
TAPS - METRIC FINE

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T124-	T125-	T126-	T123-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4815	48	1.5	67	187	31.5	25	387.73	387.73	387.73	1163.15
4820	48	2.0	67	187	31.5	25	387.73	387.73	387.73	1163.15
4830	48	3.0	67	187	31.5	25	387.73	387.73	387.73	1163.15
4840	48	4.0	67	187	31.5	25	387.73	387.73	387.73	1163.15
4845	48	4.5	67	187	31.5	25	387.73	387.73	387.73	1163.15
4915	49	1.5	70	200	35.5	28	402.29	402.29	402.29	1206.89
5015	50	1.5	70	200	35.5	28	397.83	397.83	397.83	1193.53
5020	50	2.0	70	200	35.5	28	397.83	397.83	397.83	1193.53
5055	50	5.5	70	200	35.5	28	397.83	397.83	397.83	1193.53
5230	52	3.0	70	200	35.5	28	452.95	452.95	452.95	1358.86
5620	56	2.0	70	200	35.5	28	526.90	526.90	526.90	1580.71
5640	56	4.0	70	200	35.5	28	602.46	602.46	602.46	1807.38
6020	60	2.0	70	200	45	35.5	637.65	637.65	637.65	1912.98
6060	60	6.0	70	200	45	35.5	637.65	637.65	637.65	1912.98
6315	63	1.5	70	200	45	35.5	600.86	600.86	600.86	1802.57
6415	64	1.5	70	200	45	35.5	600.86	600.86	600.86	1802.57
6440	64	4.0	70	200	45	35.5	707.52	707.52	707.52	2122.53
7020	70	2.0	70	200	45	35.5	765.39	765.39	765.39	2296.18

CAPITAL

CUTTING TOOLS



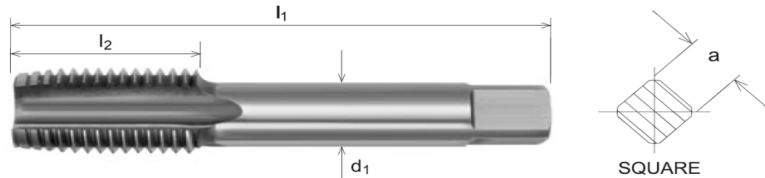
TAPS - METRIC FINE LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0255	2.5	0.5	11	48	3.15	2.5	23.19	23.19	23.19	69.58
0356	3.5	0.6	11	48	3.15	2.5	23.19	23.19	23.19	69.58
0405	4.0	0.5	13	53	4	3.15	23.19	23.19	23.19	69.58
0457	4.5	0.75	13	53	4	3.15	23.19	23.19	23.19	69.58
0505	5.0	0.5	16	58	5	4	23.18	23.18	23.18	69.58
0507	5.0	0.75	16	58	5	4	57.60	57.60	57.60	172.79
0510	5.0	1.0	16	58	5	4	23.18	23.18	23.18	69.58
0557	5.5	0.5	17	62	5.6	4.5	49.96	49.96	49.96	149.89
0605	6.0	0.5	19	66	6.3	5	49.96	49.96	49.96	149.89
0607	6.0	0.75	19	66	6.3	5	49.96	49.96	49.96	149.89
0609	6.0	0.9	19	66	6.3	5	49.96	49.96	49.96	149.89
0612	6.0	1.25	19	66	6.3	5	49.96	49.96	49.96	149.89
0615	6.0	1.5	19	66	6.3	5	49.96	49.96	49.96	149.89
0705	7.0	0.5	19	66	7.1	5.6	41.95	41.95	41.95	125.86
0707	7.0	0.75	19	66	7.1	5.6	41.95	41.95	41.95	125.86
0712	7.0	1.25	19	66	7.1	5.6	41.95	41.95	41.95	125.86
0715	7.0	1.5	19	66	7.1	5.6	41.95	41.95	41.95	125.86
0805	8.0	0.5	19	69	8	6.3	41.95	41.95	41.95	125.86
0807	8.0	0.75	19	69	8	6.3	41.95	41.95	41.95	125.86
0808	8.0	0.8	19	69	8	6.3	41.95	41.95	41.95	125.86
0810	8.0	1.0	19	69	8	6.3	41.95	41.95	41.95	125.86
0815	8.0	1.5	19	69	8	6.3	41.95	41.95	41.95	125.86
0905	9.0	0.5	19	69	9	7.1	56.48	56.48	56.48	169.44
0907	9.0	0.75	19	69	9	7.1	56.48	56.48	56.48	169.44
0910	9.0	1.0	19	69	9	7.1	56.48	56.48	56.48	169.44
0915	9.0	1.5	19	69	9	7.1	43.43	43.43	43.43	130.27
1005	10	0.5	20	76	10	8	49.61	49.61	49.61	148.82
1007	10	0.7	20	76	10	8	49.61	49.61	49.61	148.82

CAPITAL

CUTTING TOOLS

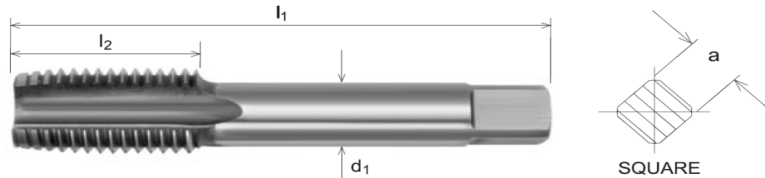


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1075	10	0.75	20	76	10	8	49.64	49.64	49.64	148.93
1008	10	0.8	20	76	10	8	43.37	43.37	43.37	130.13
1010	10	1.0	20	76	10	8	43.37	43.37	43.37	130.13
1012	10	1.25	20	76	10	8	43.37	43.37	43.37	130.13
1017	10	1.75	20	76	10	8	43.37	43.37	43.37	130.13
1020	10	2.0	20	76	10	8	43.37	43.37	43.37	130.13
1105	11	0.5	22	82	8	6.3	52.10	52.10	52.10	156.28
1107	11	0.75	22	82	8	6.3	52.10	52.10	52.10	156.28
1110	11	1.0	22	82	8	6.3	52.10	52.10	52.10	156.28
1112	11	1.25	22	82	8	6.3	52.10	52.10	52.10	156.28
1205	12	0.5	24	84	9	7.1	55.47	55.47	55.47	166.39
1207	12	0.75	24	84	9	7.1	55.47	55.47	55.47	166.39
1208	12	0.8	24	84	9	7.1	55.47	55.47	55.47	166.39
1210	12	1.0	24	84	9	7.1	55.47	55.47	55.47	166.39
1212	12	1.25	24	84	9	7.1	55.47	55.47	55.47	166.39
1215	12	1.5	24	84	9	7.1	55.47	55.47	55.47	166.39
1220	12	2.0	24	84	9	7.1	55.47	55.47	55.47	166.39
1305	13	0.5	29	89	9	7.1	56.72	56.72	56.72	170.14
1310	13	1.0	29	89	9	7.1	56.72	56.72	56.72	170.14
1312	13	1.25	29	89	9	7.1	56.72	56.72	56.72	170.14
1315	13	1.5	29	89	9	7.1	56.72	56.72	56.72	170.14
1317	13	1.75	29	89	9	7.1	56.72	56.72	56.72	170.14
1405	14	0.5	25	90	11.2	9	61.50	61.50	61.50	184.52
1407	14	0.75	25	90	11.2	9	61.50	61.50	61.50	184.52
1410	14	1.0	25	90	11.2	9	61.50	61.50	61.50	184.52
1412	14	1.25	25	90	11.2	9	61.50	61.50	61.50	184.52
1415	14	1.5	25	90	11.2	9	66.12	66.12	66.12	198.34
1417	14	1.75	25	90	11.2	9	61.50	61.50	61.50	184.52
1505	15	0.5	30	95	11.2	9	71.81	71.81	71.81	215.46

CAPITAL

CUTTING TOOLS

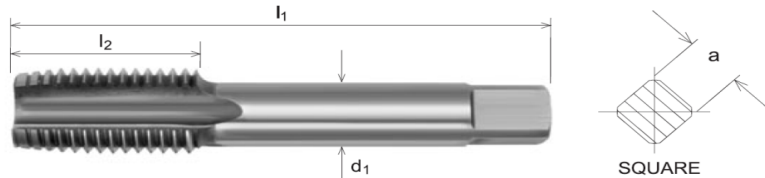


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1507	15	0.75	30	95	11.2	9	71.81	71.81	71.81	215.46
1508	15	0.8	30	95	11.2	9	71.81	71.81	71.81	215.46
1510	15	1.0	30	95	11.2	9	72.53	72.53	72.53	217.60
1512	15	1.25	30	95	11.2	9	71.81	71.81	71.81	215.46
1515	15	1.5	30	95	11.2	9	71.81	71.81	71.81	215.46
1517	15	1.75	30	95	11.2	9	71.81	71.81	71.81	215.46
1520	15	2.0	30	95	11.2	9	71.81	71.81	71.81	215.46
1607	16	0.75	32	102	12.5	10	71.81	71.81	71.81	215.46
1608	16	0.8	32	102	12.5	10	71.81	71.81	71.81	215.46
1610	16	1.0	32	102	12.5	10	71.81	71.81	71.81	215.46
1612	16	1.25	32	102	12.5	10	71.81	71.81	71.81	215.46
1615	16	1.5	32	102	12.5	10	71.81	71.81	71.81	215.46
1617	16	1.75	32	102	12.5	10	71.81	71.81	71.81	215.46
1710	17	1.0	32	102	12.5	10	101.38	101.38	101.38	304.16
1712	17	1.25	32	102	12.5	10	101.38	101.38	101.38	304.16
1715	17	1.5	32	102	12.5	10	101.38	101.38	101.38	304.16
1810	18	1.0	37	112	14	11.2	106.49	106.49	106.49	319.48
1812	18	1.25	37	112	14	11.2	106.49	106.49	106.49	319.48
1815	18	1.5	37	112	14	11.2	106.49	106.49	106.49	319.48
1820	18	2.0	37	112	14	11.2	106.49	106.49	106.49	319.48
1910	19	1.0	37	112	14	11.2	108.44	108.44	108.44	325.32
1915	19	1.5	37	112	14	11.2	108.44	108.44	108.44	325.32
2010	20	1.0	37	112	14	11.2	116.97	116.97	116.97	350.91
2012	20	1.25	37	112	14	11.2	116.97	116.97	116.97	350.91
2015	20	1.5	37	112	14	11.2	116.97	116.97	116.97	350.91
2017	20	1.75	37	112	14	11.2	116.97	116.97	116.97	350.91
2020	20	2.0	37	112	14	11.2	116.97	116.97	116.97	350.91
2110	21	1.0	37	112	14	11.2	130.84	130.84	130.84	392.51
2115	21	1.5	37	112	14	11.2	130.84	130.84	130.84	392.51

CAPITAL

CUTTING TOOLS

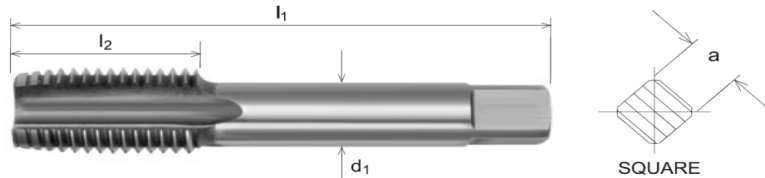


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2210	22	1.0	38	118	16	12.5	143.99	143.99	143.99	431.97
2212	22	1.25	38	118	16	12.5	143.99	143.99	143.99	431.97
2215	22	1.5	38	118	16	12.5	143.99	143.99	143.99	431.97
2217	22	1.75	38	118	16	12.5	143.99	143.99	143.99	431.97
2220	22	2.0	38	118	16	12.5	143.99	143.99	143.99	431.97
2310	23	1.0	45	130	18	14	194.03	194.03	194.03	582.09
2315	23	1.5	45	130	18	14	194.03	194.03	194.03	582.09
2410	24	1.0	45	130	18	14	158.75	158.75	158.75	476.26
2412	24	1.25	45	130	18	14	158.75	158.75	158.75	476.26
2415	24	1.5	45	130	18	14	158.75	158.75	158.75	476.26
2417	24	1.75	45	130	18	14	158.75	158.75	158.75	476.26
2420	24	2.0	45	130	18	14	158.75	158.75	158.75	476.26
2425	24	2.5	45	130	18	14	158.75	158.75	158.75	476.26
2510	25	1.0	45	130	18	14	164.09	164.09	164.09	492.27
2512	25	1.25	45	130	18	14	164.09	164.09	164.09	492.27
2515	25	1.5	45	130	18	14	164.09	164.09	164.09	492.27
2520	25	2.0	45	130	18	14	164.09	164.09	164.09	492.27
2610	26	1.0	48	138	20	16	167.29	167.29	167.29	501.86
2612	26	1.25	48	138	20	16	167.29	167.29	167.29	501.86
2615	26	1.5	48	138	20	16	167.29	167.29	167.29	501.86
2617	26	1.75	48	138	20	16	167.29	167.29	167.29	501.86
2710	27	1.0	48	138	20	16	171.73	171.73	171.73	515.18
2715	27	1.5	48	138	20	16	171.73	171.73	171.73	515.18
2720	27	2.0	48	138	20	16	156.44	156.44	156.44	469.30
2810	28	1.0	48	138	20	16	174.57	174.57	174.57	523.71
2815	28	1.5	48	138	20	16	174.57	174.57	174.57	523.71
2820	28	2.0	48	138	20	16	174.57	174.57	174.57	523.71
2825	28	2.5	48	138	20	16	174.57	174.57	174.57	523.71
2830	28	3.0	48	138	20	16	174.57	174.57	174.57	523.71

CAPITAL

CUTTING TOOLS

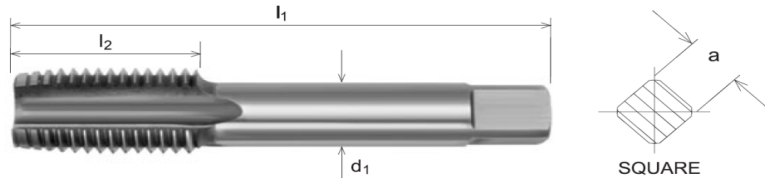


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2910	29	1.0	48	138	20	16	204.50	204.50	204.50	613.51
2915	29	1.5	48	138	20	16	204.50	204.50	204.50	613.51
3010	30	1.0	48	138	20	16	161.76	161.76	161.76	485.30
3012	30	1.25	48	138	20	16	161.76	161.76	161.76	485.30
3015	30	1.5	48	138	20	16	161.76	161.76	161.76	485.30
3017	30	1.75	48	138	20	16	161.76	161.76	161.76	485.30
3020	30	2.0	48	138	20	16	161.76	161.76	161.76	485.30
3025	30	2.5	48	138	20	16	161.76	161.76	161.76	485.30
3030	30	3.0	48	138	20	16	161.76	161.76	161.76	485.30
3110	31	1.0	48	138	20	16	227.97	227.97	227.97	683.90
3115	31	1.5	48	138	20	16	227.97	227.97	227.97	683.90
3210	32	1.0	51	151	22.4	18	185.94	185.94	185.94	557.84
3215	32	1.5	51	151	22.4	18	185.94	185.94	185.94	557.84
3220	32	2.0	51	151	22.4	18	185.94	185.94	185.94	557.84
3310	33	1.0	51	151	22.4	18	202.31	202.31	202.31	606.90
3312	33	1.25	51	151	22.4	18	202.31	202.31	202.31	606.90
3315	33	1.5	51	151	22.4	18	202.31	202.31	202.31	606.90
3320	33	2.0	51	151	22.4	18	202.31	202.31	202.31	606.90
3330	33	3.0	51	151	22.4	18	202.31	202.31	202.31	606.90
3410	34	1.0	57	162	25	20	236.41	236.41	236.41	709.22
3415	34	1.5	57	162	25	20	236.41	236.41	236.41	709.22
3510	35	1.0	57	162	25	20	246.45	246.45	246.45	739.34
3515	35	1.5	57	162	25	20	246.45	246.45	246.45	739.34
3520	35	2.0	57	162	25	20	246.45	246.45	246.45	739.34
3610	36	1.0	57	162	25	20	228.25	228.25	228.25	684.76
3615	36	1.5	57	162	25	20	228.25	228.25	228.25	684.76
3620	36	2.0	57	162	25	20	256.88	256.88	256.88	770.65
3630	36	3.0	57	162	25	20	256.88	256.88	256.88	770.65
3710	37	1.0	60	170	28	22.4	303.88	303.88	303.88	911.62

CAPITAL

CUTTING TOOLS

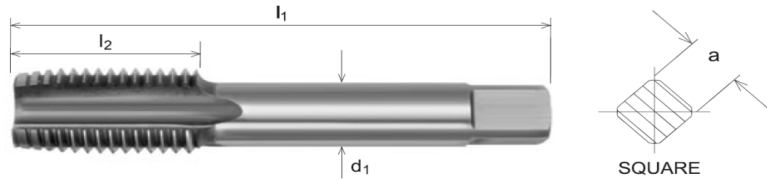


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3715	37	1.5	60	170	28	22.4	303.88	303.88	303.88	911.62
3810	38	1.0	60	170	28	22.4	308.96	308.96	308.96	926.87
3815	38	1.5	60	170	28	22.4	308.96	308.96	308.96	926.87
3820	38	2.0	60	170	28	22.4	308.96	308.96	308.96	926.87
3910	39	1.0	60	170	28	22.4	314.11	314.11	314.11	942.37
3915	39	1.5	60	170	28	22.4	314.48	314.48	314.48	943.43
3920	39	2.0	60	170	28	22.4	314.11	314.11	314.11	942.37
3930	39	3.0	60	170	28	22.4	314.11	314.11	314.11	942.37
4010	40	1.0	60	170	28	22.4	301.32	301.32	301.32	903.97
4015	40	1.5	60	170	28	22.4	301.32	301.32	301.32	903.97
4020	40	2.0	60	170	28	22.4	301.32	301.32	301.32	903.97
4110	41	1.0	60	170	28	22.4	354.97	354.97	354.97	1064.93
4115	41	1.5	60	170	28	22.4	354.97	354.97	354.97	1064.93
4210	42	1.0	60	170	28	22.4	372.51	372.51	372.51	1117.55
4215	42	1.5	60	170	28	22.4	372.51	372.51	372.51	1117.55
4220	42	2.0	60	170	28	22.4	372.51	372.51	372.51	1117.55
4230	42	3.0	60	170	28	22.4	372.51	372.51	372.51	1117.55
4240	42	4.0	60	170	28	22.4	372.51	372.51	372.51	1117.55
4510	45	1.0	67	187	31.5	25	372.51	372.51	372.51	1117.55
4515	45	1.5	67	187	31.5	25	372.51	372.51	372.51	1117.55
4520	45	2.0	67	187	31.5	25	372.51	372.51	372.51	1117.55
4530	45	3.0	67	187	31.5	25	372.51	372.51	372.51	1117.55
4610	46	1.0	67	187	31.5	25	428.88	428.88	428.88	1286.65
4615	46	1.5	67	187	31.5	25	428.88	428.88	428.88	1286.65
4710	47	1.0	67	187	31.5	25	428.88	428.88	428.88	1286.65
4715	47	1.5	67	187	31.5	25	428.88	428.88	428.88	1286.65
4810	48	1.0	67	187	31.5	25	381.42	381.42	381.42	1144.25
4815	48	1.5	67	187	31.5	25	381.42	381.42	381.42	1144.25
4820	48	2.0	67	187	31.5	25	381.42	381.42	381.42	1144.25

CAPITAL

CUTTING TOOLS

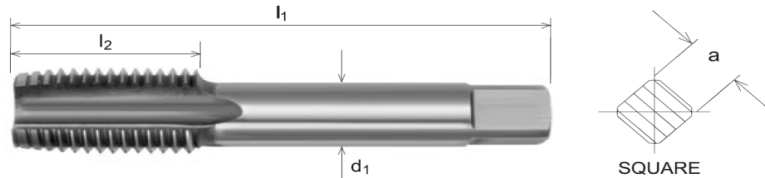


TAPS - METRIC FINE LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T134-	T135-	T136-	T133-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4830	48	3.0	67	187	31.5	25	381.42	381.42	381.42	1144.25
4840	48	4.0	67	187	31.5	25	381.42	381.42	381.42	1144.25
4845	48	4.5	67	187	31.5	25	381.42	381.42	381.42	1144.25
4915	49	1.5	70	200	35.5	28	458.43	458.43	458.43	1375.27
5015	50	1.5	70	200	35.5	28	428.16	428.16	428.16	1282.46
5020	50	2.0	70	200	35.5	28	428.16	428.16	428.16	1282.46
5055	50	5.5	70	200	35.5	28	428.16	428.16	428.16	1282.46

CAPITAL

CUTTING TOOLS



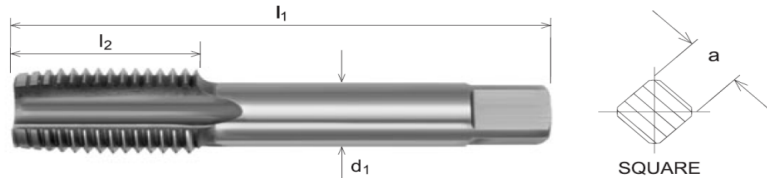
TAPS - UNC

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T204-	T205-	T206-	T203-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0164	1	64	8	45	2.92	2.3	36.77	36.77	36.77	110.30
0256	2	56	9	46	2.92	2.3	27.91	27.91	27.91	83.51
0348	3	48	9	46	2.92	2.4	26.12	26.12	26.12	78.37
0440	4	40	11	48	3.15	2.5	18.40	18.40	18.40	55.23
0540	5	40	11	48	3.15	2.5	18.40	18.40	18.40	55.23
0632	6	32	13	50	3.55	2.8	12.04	12.04	12.04	36.12
0832	8	32	13	53	4.5	3.55	12.28	12.28	12.28	36.83
1024	10	24	16	58	5	4	11.23	11.23	11.23	33.69
1224	12	24	17	62	5.6	4.5	14.03	14.03	14.03	40.59
2820	1/4	20	19	66	6.3	5	10.72	10.72	10.72	32.13
3018	5/16	18	22	72	8	6.3	11.23	11.23	11.23	33.69
3216	3/8	16	24	80	10	8	15.46	15.46	15.46	46.35
3414	7/16	14	25	85	8	6.3	20.52	20.52	20.52	61.53
3613	1/2	13	29	89	9	7.1	22.99	22.99	22.99	68.96
3812	9/16	12	30	95	11.2	9	31.36	31.36	31.36	94.07
4011	5/8	11	32	102	12.5	10	33.04	33.04	33.04	99.10
4410	3/4	10	37	112	14	11.2	43.00	43.00	43.00	129.01
4809	7/8	9	38	118	16	12.5	64.44	64.44	64.44	193.31
5208	1"	8	45	130	18	14	77.79	77.79	77.79	233.37
5407	1.1/8	7	48	138	20	16	127.22	127.22	127.22	381.69
5607	1.1/4	7	51	151	22.4	18	142.13	142.13	142.13	426.39
5806	1.3/8	6	57	162	25	20	190.14	190.14	190.14	570.43
6006	1.1/2	6	60	170	28	22.4	211.82	211.82	211.82	635.45
6404	1.3/4	5	67	187	31.5	25	317.49	317.49	317.49	952.46
6804	2"	4.5	70	200	35.5	28	433.24	433.24	433.24	1300.23
7212	2.1/4	4.5	70	200	35.5	28	598.00	598.00	598.00	1793.63

CAPITAL

CUTTING TOOLS



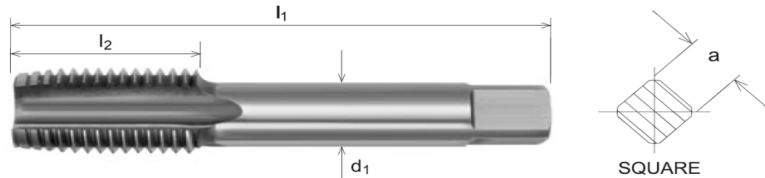
TAPS - UNC **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T214-	T215-	T216-	T213-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1024	10	24	16	58	5	4	51.46	51.46	51.46	154.41
1224	12	24	17	62	5.6	4.5	51.46	51.46	51.46	154.41
2820	1/4	20	19	66	6.3	5	36.16	36.16	36.16	108.50
3018	5/16	18	22	72	8	6.3	40.14	40.14	40.14	120.42
3216	3/8	16	24	80	10	8	46.60	46.60	46.60	139.77
3414	7/16	14	25	85	8	6.3	65.82	65.82	65.82	197.47
3613	1/2	13	29	89	9	7.1	84.77	84.77	84.77	254.32
3812	9/16	12	30	95	11.2	9	101.68	101.68	101.68	305.04
4011	5/8	11	32	102	12.5	10	101.68	101.68	101.68	305.04
4410	3/4	10	37	112	14	11.2	142.60	142.60	142.60	427.75
4809	7/8	9	38	118	16	12.5	182.69	182.69	182.69	548.08
5208	1"	8	45	130	18	14	201.44	201.44	201.44	604.36
5407	1.1/8	7	48	138	20	16	215.10	215.10	215.10	645.29
5607	1.1/4	7	51	151	22.4	18	235.21	235.21	235.21	705.59
5806	1.3/8	6	57	162	25	20	257.06	257.06	257.06	771.17
6006	1.1/2	6	60	170	28	22.4	271.82	271.82	271.82	815.94
6404	1.3/4	5	67	187	31.5	25	344.87	344.87	344.87	1034.61
6804	2"	4.1/2	70	200	35.5	28	437.15	437.15	437.15	1311.43

CAPITAL

CUTTING TOOLS



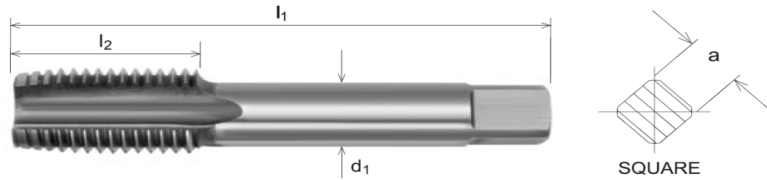
TAPS - UNF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T224-	T225-	T226-	T223-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0080	0	80	9	46	2.92	2.4	59.64	59.64	59.64	178.92
0172	1	72	9	46	2.92	2.4	59.64	59.64	59.64	178.92
0264	2	64	9	46	2.92	2.4	59.64	59.64	59.64	178.92
0356	3	56	9	46	2.92	2.4	24.80	24.80	24.80	74.41
0448	4	48	11	48	3.15	2.5	17.36	17.36	17.36	52.12
0544	5	44	11	48	3.15	2.5	17.36	17.36	17.36	52.12
0640	6	40	13	50	3.55	2.8	8.49	8.49	8.49	25.44
0836	8	36	13	53	4.5	3.55	11.93	11.93	11.93	35.76
1032	10	32	16	58	5	4	10.39	10.39	10.39	31.18
1228	12	28	17	62	5.6	4.5	12.89	12.89	12.89	38.70
2828	1/4	28	19	66	6.3	5	9.90	9.90	9.90	29.70
3024	5/16	24	22	72	8	6.3	10.45	10.45	10.45	31.33
3224	3/8	24	24	80	10	8	14.34	14.34	14.34	43.03
3420	7/16	20	25	85	8	6.3	19.35	19.35	19.35	58.05
3620	1/2	20	29	89	9	7.1	21.82	21.82	21.82	65.46
3818	9/16	18	30	95	11.2	9	31.36	31.36	31.36	94.07
4018	5/8	18	32	102	12.5	10	32.19	32.19	32.19	96.56
4416	3/4	16	37	112	14	11.2	39.55	39.55	39.55	128.81
4814	7/8	14	38	118	16	12.5	66.22	66.22	66.22	198.65
5212	1"	12	45	130	18	14	77.60	77.60	77.60	232.82
5214	1" UNS	14	45	130	18	14	111.48	111.48	111.48	334.44
5312	1.1/16	12	48	138	20	16	121.20	121.20	121.20	363.62
5412	1.1/8	12	48	138	20	16	127.22	127.22	127.22	381.69
5512	1.3/16	12	48	138	20	16	135.36	135.36	135.36	406.07
5612	1.1/4	12	51	151	22.4	18	142.13	142.13	142.13	426.39
5712	1.5/16	12	51	151	22.4	18	181.07	181.07	181.07	543.21
5812	1.3/8	12	57	162	25	20	190.14	190.14	190.14	570.43
5912	1.7/16	12	57	162	25	20	190.14	190.14	190.14	570.43
6012	1.1/2	12	60	170	28	22.4	211.52	211.52	211.52	634.57

CAPITAL

CUTTING TOOLS



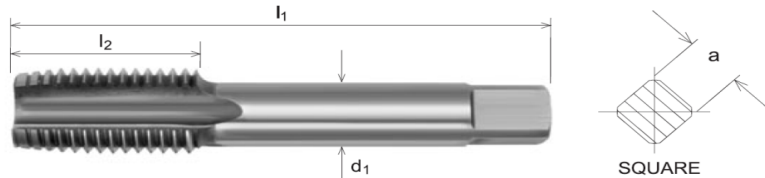
TAPS - UNF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T224-	T225-	T226-	T223-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
6112	1.9/16	12	60	170	28	22.4	300.07	300.07	300.07	900.22
6212	1.5/8	12	60	170	28	22.4	332.07	332.07	332.07	996.21
6412	1.3/4	12	67	187	31.5	25	392.70	392.70	392.70	1178.09
6612	1.7/8	12	67	187	31.5	25	397.68	397.68	397.68	1193.02
6812	2"	12	70	200	35.5	28	409.86	409.86	409.86	1229.58
7212	2.1/4	12	70	200	35.5	28	598.00	598.00	598.00	1794.03
7612	2.1/2	12	70	200	35.5	28	719.08	719.08	719.08	2157.23
8412	3"	12	70	200	35.5	28	825.74	825.74	825.74	2477.22

CAPITAL

CUTTING TOOLS



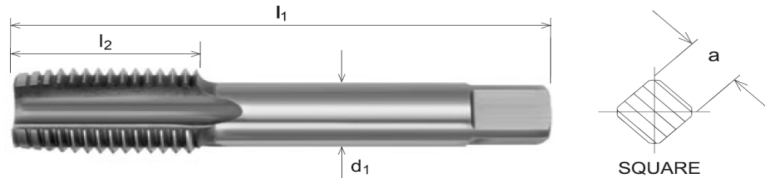
TAPS - UNF LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T234-	T235-	T236-	T233-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
836	8	36	16	58	5	4	50.59	50.59	50.59	151.78
1032	10	32	16	58	5	4	24.46	24.46	24.46	73.84
1228	12	28	17	62	5.6	4.5	34.50	34.50	34.50	103.47
2828	1/4	28	19	66	6.3	5	36.16	36.16	36.16	108.50
3024	5/16	24	22	72	8	6.3	40.14	40.14	40.14	120.42
3224	3/8	24	24	80	10	8	46.60	46.60	46.60	139.77
3420	7/16	20	25	85	8	6.3	65.82	65.82	65.82	197.47
3620	1/2	20	29	89	9	7.1	84.77	84.77	84.77	254.32
3818	9/16	18	30	95	11.2	9	87.10	87.10	87.10	261.31
4018	5/8	18	32	102	12.5	10	101.30	101.30	101.30	303.89
4416	3/4	16	37	112	14	11.2	149.71	149.71	149.71	449.14
4814	7/8	14	38	118	16	12.5	191.82	191.82	191.82	575.46
5212	1"	12	45	130	18	14	227.94	227.94	227.94	683.80
5214	1" UNS	14	45	130	18	14	227.94	227.94	227.94	683.80
5312	1.1/16	12	48	138	20	16	227.94	227.94	227.94	683.80
5412	1.1/8	12	48	138	20	16	242.47	242.47	242.47	727.42
5512	1.3/16	12	48	138	20	16	259.54	259.54	259.54	778.62
5612	1.1/4	12	51	151	22.4	18	237.48	237.48	237.48	712.43
5712	1.5/16	12	51	151	22.4	18	317.69	317.69	317.69	953.09
5812	1.3/8	12	57	162	25	20	326.22	326.22	326.22	978.64
5912	1.7/16	12	57	162	25	20	337.60	337.60	337.60	1012.77
6012	1.1/2	12	60	170	28	22.4	346.47	346.47	346.47	1039.72
6112	1.9/16	12	60	170	28	22.4	363.90	363.90	363.90	1091.70
6212	1.5/8	12	60	170	28	22.4	401.40	401.40	401.40	1204.20
6412	1.3/4	12	67	187	31.5	25	415.81	415.81	415.81	1247.41
6612	1.7/8	12	67	187	31.5	25	441.76	441.76	441.76	1325.28
6812	2"	12	70	200	35.5	28	453.83	453.83	453.83	1361.49

CAPITAL

CUTTING TOOLS



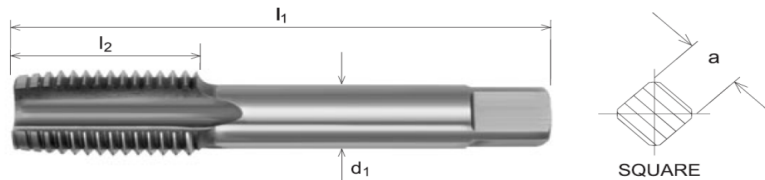
TAPS - UNEF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T244-	T245-	T246-	T243-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
1232	12	32	17	62	5.6	4.5	28.35	28.35	28.35	85.07
2832	1/4	32	19	66	6.3	5	23.92	23.92	23.92	71.77
3032	5/16	32	22	72	8	6.3	26.76	26.76	26.76	80.26
3232	3/8	32	24	80	10	8	30.20	30.20	30.20	90.61
3428	7/16	28	25	85	8	6.3	32.64	32.64	32.64	97.92
3628	1/2	28	29	89	9	7.1	39.37	39.37	39.37	118.09
3824	9/16	24	30	95	11.2	9	59.66	59.66	59.66	178.99
4024	5/8	24	32	102	12.5	10	67.18	67.18	67.18	201.55
4224	11/16	24	37	112	14	11.2	96.34	96.34	96.34	289.04
4420	3/4	20	37	112	14	11.2	73.22	73.22	73.22	219.67
4620	13/16	20	38	118	16	12.5	146.67	146.67	146.67	440.00
4820	7/8	20	38	118	16	12.5	159.46	159.46	159.46	478.39
5020	15/16	20	45	130	18	14	161.25	161.25	161.25	483.74
5220	1"	20	45	130	18	14	80.33	80.33	80.33	241.00
5318	1.1/16	18	48	138	20	16	185.59	185.59	185.59	556.77
5418	1.1/8	18	48	138	20	16	197.60	197.60	197.60	592.78
5518	1.3/16	18	48	138	20	16	197.60	197.60	197.60	592.78
5618	1.1/4	18	51	151	22.4	18	243.20	243.20	243.20	729.57
5718	1.5/16	18	51	151	22.4	18	288.77	288.77	288.77	866.33
5818	1.3/8	18	57	162	25	20	300.97	300.97	300.97	902.90
5918	1.7/16	18	57	162	25	20	301.95	301.95	301.95	905.85
6018	1.1/2	18	60	170	28	22.4	302.56	302.56	302.56	907.69

CAPITAL

CUTTING TOOLS



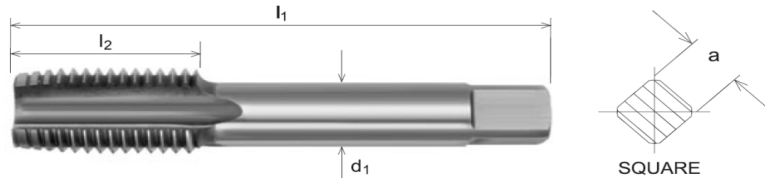
TAPS - UNEF LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T254-	T255-	T256-	T253-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2832	1/4	32	19	66	6.3	5	38.67	38.67	38.67	116.02
3032	5/16	32	22	72	8	6.3	43.91	43.91	43.91	131.75
3232	3/8	32	24	80	10	8	57.78	57.78	57.78	173.35
3428	7/16	28	25	85	8	6.3	65.82	65.82	65.82	197.47
3628	1/2	28	29	89	9	7.1	84.77	84.77	84.77	254.32
3824	9/16	24	30	95	11.2	9	87.10	87.10	87.10	261.31
4024	5/8	24	32	102	12.5	10	101.25	101.25	101.25	303.74
4224	11/16	24	37	112	14	11.2	102.93	102.93	102.93	308.80
4420	3/4	20	37	112	14	11.2	155.46	155.46	155.46	466.35
4620	13/16	20	38	118	16	12.5	149.71	149.71	149.71	449.14
4820	7/8	20	38	118	16	12.5	191.82	191.82	191.82	575.46
5020	15/16	20	45	130	18	14	191.82	191.82	191.82	575.46
5220	1"	20	45	130	18	14	227.94	227.94	227.94	683.80

CAPITAL

CUTTING TOOLS



TAPS - 8 UN SERIES

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T264-	T265-	T266-	T263-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4808	7/8	8	38	118	16	12.5	154.15	154.15	154.15	462.46
5408	1.1/8	8	48	138	20	16	121.17	121.17	121.17	363.51
5608	1.1/4	8	51	151	22.4	18	135.36	135.36	135.36	406.07
5808	1.3/8	8	57	162	25	20	180.97	180.97	180.97	542.90
6008	1.1/2	8	60	170	28	22.4	201.70	201.70	201.70	605.13
6208	1.5/8	8	60	170	28	22.4	332.07	332.07	332.07	996.21
6408	1.3/4	8	67	187	31.5	25	393.58	393.58	393.58	1180.74
6608	1.7/8	8	67	187	31.5	25	397.68	397.68	397.68	1193.02
6808	2"	8	70	200	35.5	28	412.60	412.60	412.60	1237.81
7208	2.1/4	8	70	200	35.5	28	598.00	598.00	598.00	1794.03
7608	2.1/2	8	70	200	35.5	28	719.08	719.08	719.08	2157.23
8008	2.3/4	8	70	200	35.5	28	786.63	786.63	786.63	2359.89
8408	3"	8	70	200	35.5	28	825.77	825.77	825.77	2477.32

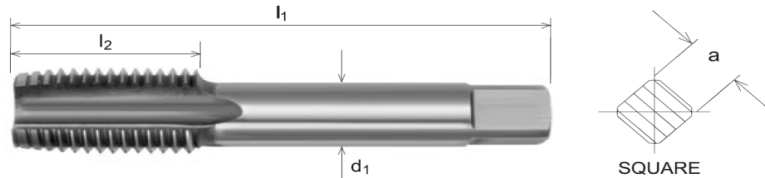
TAPS - 8 UN SERIES LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T274-	T275-	T276-	T273-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
5408	1.1/8	8	48	138	20	16	133.45	133.45	133.45	400.34
5608	1.1/4	8	51	151	22.4	18	147.63	147.63	147.63	442.88
5808	1.3/8	8	57	162	25	20	193.24	193.24	193.24	579.71
6008	1.1/2	8	60	170	28	22.4	213.97	213.97	213.97	641.91
6208	1.5/8	8	60	170	28	22.4	344.34	344.34	344.34	1033.01
6408	1.3/4	8	67	187	31.5	25	418.11	418.11	418.11	1254.34
6608	1.7/8	8	67	187	31.5	25	422.21	422.21	422.21	1266.63
6808	2"	8	70	200	35.5	28	437.14	437.14	437.14	1311.42
7608	2.1/2	8	70	200	35.5	28	743.60	743.60	743.60	2230.81
8408	3"	8	70	200	35.5	28	847.96	847.96	847.96	2543.87

CAPITAL

CUTTING TOOLS



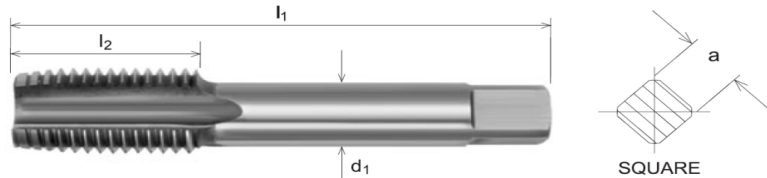
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0648	6	48	13	50	3.55	2.8	59.64	59.64	59.64	178.92
0848	8	48	13	53	4.5	3.55	59.64	59.64	59.64	178.92
2532	5/32	32	13	53	4.5	3.55	51.97	51.97	51.97	155.92
2540	5/32	40	13	53	4.5	3.55	51.97	51.97	51.97	155.92
2632	3/16	32	16	58	5	4	51.97	51.97	51.97	155.92
2640	3/16	40	16	58	5	4	51.97	51.97	51.97	155.92
1048	10	48	16	58	5	4	59.64	59.64	59.64	178.92
20336	.203	36	16	58	5	4	59.64	59.64	59.64	178.92
20936	.209	36	16	58	5	4	59.64	59.64	59.64	178.92
2732	7/32	32	18	64	6	4	68.11	68.11	68.11	204.32
2740	7/32	40	18	64	6	4	68.11	68.11	68.11	204.32
23464	.234	64	19	66	6.3	5	79.50	79.50	79.50	238.51
2824	1/4	24	19	66	6.3	5	51.98	51.98	51.98	155.93
2827	1/4	27	19	66	6.3	5	51.98	51.98	51.98	155.93
2836	1/4	36	19	66	6.3	5	51.98	51.98	51.98	155.93
2840	1/4	40	19	66	6.3	5	51.98	51.98	51.98	155.93
2848	1/4	48	19	66	6.3	5	51.98	51.98	51.98	155.93
2856	1/4	56	19	66	6.3	5	77.97	77.97	77.97	233.92
2924	9/32	24	19	66	6.3	5	68.10	68.10	68.10	204.32
2928	9/32	28	19	66	6.3	5	68.10	68.10	68.10	204.32
2932	9/32	32	19	66	6.3	5	68.10	68.10	68.10	204.32
2936	9/32	36	19	66	6.3	5	68.10	68.10	68.10	204.32
2940	9/32	40	19	66	6.3	5	86.57	86.57	86.57	259.75
30232	.302	32	22	72	8	6.3	59.64	59.64	59.64	178.92
30336	.303	36	22	72	8	6.3	59.64	59.64	59.64	178.92
30532	.305	32	22	72	8	6.3	59.64	59.64	59.64	178.92
30536	.305	36	22	72	8	6.3	59.64	59.64	59.64	178.92
31132	.311	32	22	72	8	6.3	59.64	59.64	59.64	178.92
3016	5/16	16	22	72	8	6.3	64.19	64.19	64.19	192.56
3020	5/16	20	22	72	8	6.3	55.47	55.47	55.47	166.39
3027	5/16	27	22	72	8	6.3	55.47	55.47	55.47	166.39

CAPITAL

CUTTING TOOLS



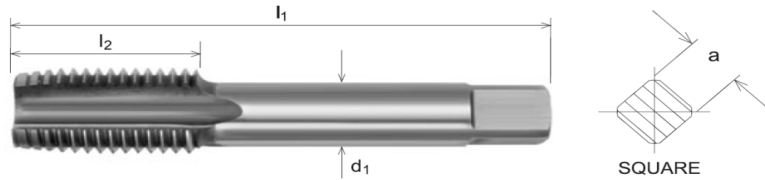
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3028	5/16	28	22	72	8	6.3	55.47	55.47	55.47	166.39
3030	5/16	30	22	72	8	6.3	55.47	55.47	55.47	166.39
3032	5/16	32	22	72	8	6.3	55.47	55.47	55.47	166.39
3036	5/16	36	22	72	8	6.3	55.47	55.47	55.47	166.39
3040	5/16	40	22	72	8	6.3	52.97	52.97	52.97	158.92
3048	5/16	48	22	72	8	6.3	70.94	70.94	70.94	212.80
3056	5/16	56	22	72	8	6.3	70.94	70.94	70.94	212.80
3064	5/16	64	22	72	8	6.3	70.94	70.94	70.94	212.80
3124	11/32	24	22	72	8	6.3	63.28	63.28	63.28	189.86
3132	11/32	32	22	72	8	6.3	63.28	63.28	63.28	189.86
3218	3/8	18	24	80	10	8	53.17	53.17	53.17	159.49
3220	3/8	20	24	80	10	8	53.17	53.17	53.17	159.49
3227	3/8	27	24	80	10	8	53.17	53.17	53.17	159.49
3228	3/8	28	24	80	10	8	53.17	53.17	53.17	159.49
3232	3/8	32	24	80	10	8	53.17	53.17	53.17	159.49
3236	3/8	36	24	80	10	8	53.17	53.17	53.17	159.49
3240	3/8	40	24	80	10	8	53.17	53.17	53.17	159.49
3248	3/8	48	24	80	10	8	68.26	68.26	68.26	204.78
3324	13/32	24	24	80	10	8	75.02	75.02	75.02	225.05
3332	13/32	32	24	80	10	8	75.02	75.02	75.02	225.05
3336	13/32	36	24	80	10	8	75.02	75.02	75.02	225.05
3412	7/16	12	25	85	8	6.3	58.14	58.14	58.14	174.41
3416	7/16	16	25	85	8	6.3	58.14	58.14	58.14	174.41
3418	7/16	18	25	85	8	6.3	58.14	58.14	58.14	174.41
3424	7/16	24	25	85	8	6.3	58.14	58.14	58.14	174.41
3427	7/16	27	25	85	8	6.3	58.14	58.14	58.14	174.41
3428	7/16	28	25	85	8	6.3	32.64	32.64	32.64	97.92
3432	7/16	32	25	85	8	6.3	58.14	58.14	58.14	174.41
3440	7/16	40	25	85	8	6.3	58.14	58.14	58.14	174.41

CAPITAL

CUTTING TOOLS



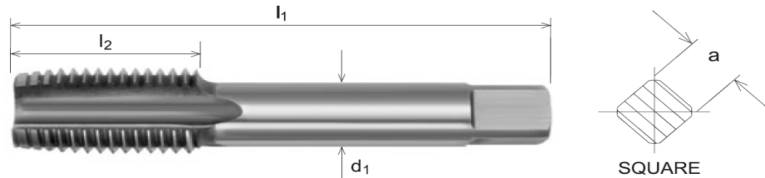
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3524	15/32	24	25	85	8	6.3	84.46	84.46	84.46	253.35
3532	15/32	32	25	85	8	6.3	84.46	84.46	84.46	253.35
3612	1/2	12	29	89	9	7.1	65.05	65.05	65.05	195.18
3614	1/2	14	29	89	9	7.1	64.19	64.19	64.19	192.56
3616	1/2	16	29	89	9	7.1	64.19	64.19	64.19	192.56
3618	1/2	18	29	89	9	7.1	64.19	64.19	64.19	192.56
3624	1/2	24	29	89	9	7.1	64.19	64.19	64.19	192.56
3627	1/2	27	29	89	9	7.1	64.00	64.00	64.00	191.99
3632	1/2	32	29	89	9	7.1	64.00	64.00	64.00	191.99
3636	1/2	36	29	89	9	7.1	64.00	64.00	64.00	191.99
3640	1/2	40	29	89	9	7.1	69.33	69.33	69.33	207.99
3740	17/32	40	29	89	9	7.1	83.30	83.30	83.30	249.89
3816	9/16	16	30	95	11.2	9	83.30	83.30	83.30	249.89
3820	9/16	20	30	95	11.2	9	83.30	83.30	83.30	249.89
3824	9/16	24	30	95	11.2	9	80.44	80.44	80.44	241.31
3827	9/16	27	30	95	11.2	9	82.84	82.84	82.84	248.52
3828	9/16	28	30	95	11.2	9	82.84	82.84	82.84	248.52
3832	9/16	32	30	95	11.2	9	82.84	82.84	82.84	248.52
4012	5/8	12	32	102	12.5	10	88.62	88.62	88.62	265.89
4014	5/8	14	32	102	12.5	10	88.62	88.62	88.62	265.89
4016	5/8	16	32	102	12.5	10	88.62	88.62	88.62	265.89
4020	5/8	20	32	102	12.5	10	88.62	88.62	88.62	265.89
4027	5/8	27	32	102	12.5	10	98.59	98.59	98.59	295.76
4028	5/8	28	32	102	12.5	10	98.59	98.59	98.59	295.76
4032	5/8	32	32	102	12.5	10	98.59	98.59	98.59	295.76
4036	5/8	36	32	102	12.5	10	131.01	131.01	131.01	393.06
4040	5/8	40	32	102	12.5	10	131.01	131.01	131.01	393.06
4212	11/16	12	37	112	14	11.2	92.45	92.45	92.45	277.33
4214	11/16	14	37	112	14	11.2	92.45	92.45	92.45	277.33
4216	11/16	16	37	112	14	11.2	92.45	92.45	92.45	277.33
4218	11/16	18	37	112	14	11.2	92.45	92.45	92.45	277.33

CAPITAL

CUTTING TOOLS



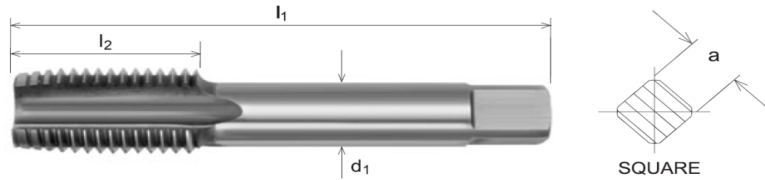
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4220	11/16	20	37	112	14	11.2	92.45	92.45	92.45	277.33
4227	11/16	27	37	112	14	11.2	96.34	96.34	96.34	289.04
4228	11/16	28	37	112	14	11.2	113.95	113.95	113.95	341.87
4232	11/16	32	37	112	14	11.2	113.95	113.95	113.95	341.87
4240	11/16	40	37	112	14	11.2	113.95	113.95	113.95	341.87
4411	3/4	11	37	112	14	11.2	104.53	104.53	104.53	313.57
4412	3/4	12	37	112	14	11.2	104.53	104.53	104.53	313.57
4414	3/4	14	37	112	14	11.2	104.53	104.53	104.53	313.57
4418	3/4	18	37	112	14	11.2	104.53	104.53	104.53	313.57
4420	3/4	20	37	112	14	11.2	55.85	55.85	55.85	167.56
4424	3/4	24	37	112	14	11.2	104.53	104.53	104.53	313.57
4427	3/4	27	37	112	14	11.2	123.73	123.73	123.73	371.19
4428	3/4	28	37	112	14	11.2	123.73	123.73	123.73	371.19
4432	3/4	32	37	112	14	11.2	123.73	123.73	123.73	371.19
4440	3/4	40	37	112	14	11.2	123.73	123.73	123.73	371.19
4610	13/16	10	38	118	16	12.5	141.50	141.50	141.50	424.50
4611	13/16	11	38	118	16	12.5	141.50	141.50	141.50	424.50
4612	13/16	12	38	118	16	12.5	141.50	141.50	141.50	424.50
4614	13/16	14	38	118	16	12.5	99.05	99.05	99.05	297.15
4616	13/16	16	38	118	16	12.5	99.05	99.05	99.05	297.15
4618	13/16	18	38	118	16	12.5	99.05	99.05	99.05	297.15
4624	13/16	24	38	118	16	12.5	99.05	99.05	99.05	297.15
4627	13/16	27	38	118	16	12.5	99.05	99.05	99.05	297.15
4628	13/16	28	38	118	16	12.5	115.86	115.86	115.86	347.57
4632	13/16	32	38	118	16	12.5	115.86	115.86	115.86	347.57
4809	7/8	9	38	118	16	12.5	45.11	45.11	45.11	135.32
4810	7/8	10	38	118	16	12.5	111.62	111.62	111.62	334.87
4811	7/8	11	38	118	16	12.5	111.62	111.62	111.62	334.87
4812	7/8	12	38	118	16	12.5	111.62	111.62	111.62	334.87
4814	7/8	14	38	118	16	12.5	46.35	46.35	46.35	139.05
4816	7/8	16	38	118	16	12.5	111.62	111.62	111.62	334.87

CAPITAL

CUTTING TOOLS



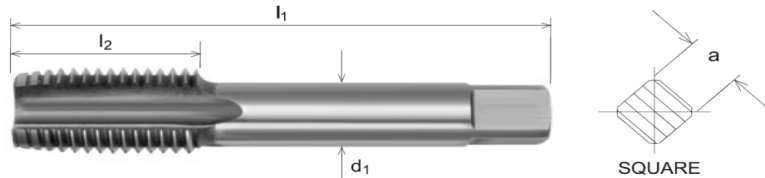
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4818	7/8	18	38	118	16	12.5	111.62	111.62	111.62	334.87
4820	7/8	20	38	118	16	12.5	111.62	111.62	111.62	334.87
4824	7/8	24	38	118	16	12.5	111.62	111.62	111.62	334.87
4827	7/8	27	38	118	16	12.5	159.46	159.46	159.46	478.39
4828	7/8	28	38	118	16	12.5	159.46	159.46	159.46	478.39
4832	7/8	32	38	118	16	12.5	171.90	171.90	171.90	515.73
4840	7/8	40	38	118	16	12.5	171.90	171.90	171.90	515.73
5010	15/16	10	45	130	18	14	172.98	172.98	172.98	518.92
5012	15/16	12	45	130	18	14	172.98	172.98	172.98	518.92
5014	15/16	14	45	130	18	14	172.98	172.98	172.98	518.92
5016	15/16	16	45	130	18	14	172.98	172.98	172.98	518.92
5018	15/16	18	45	130	18	14	155.20	155.20	155.20	465.60
5020	15/16	20	45	130	18	14	161.25	161.25	161.25	483.74
5024	15/16	24	45	130	18	14	155.20	155.20	155.20	465.60
5027	15/16	27	45	130	18	14	156.98	156.98	156.98	470.94
5028	15/16	28	45	130	18	14	156.98	156.98	156.98	470.94
5032	15/16	32	45	130	18	14	156.98	156.98	156.98	470.94
5208	1"	8	45	130	18	14	77.76	77.76	77.76	233.27
5210	1"	10	45	130	18	14	171.90	171.90	171.90	515.73
5212	1"	12	45	130	18	14	77.60	77.60	77.60	232.82
5214	1"	14	45	130	18	14	111.48	111.48	111.48	334.44
5218	1"	16	45	130	18	14	183.48	183.48	183.48	550.44
5218	1"	18	45	130	18	14	171.90	171.90	171.90	515.73
5220	1"	20	45	130	18	14	80.33	80.33	80.33	241.00
5224	1"	24	45	130	18	14	171.90	171.90	171.90	515.73
5227	1"	27	45	130	18	14	171.90	171.90	171.90	515.73
5232	1"	32	45	130	18	14	171.90	171.90	171.90	515.73
5236	1"	36	45	130	18	14	171.90	171.90	171.90	515.73
5240	1"	40	45	130	18	14	171.90	171.90	171.90	515.73

CAPITAL

CUTTING TOOLS



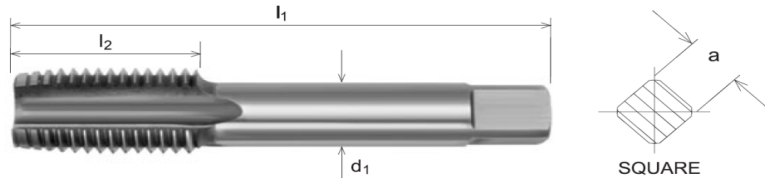
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
5310	1.1/16	10	48	138	20	16	185.59	185.59	185.59	555.75
5312	1.1/16	12	48	138	20	16	121.17	121.17	121.17	363.51
5314	1.1/16	14	48	138	20	16	185.59	185.59	185.59	555.75
5316	1.1/16	16	48	138	20	16	185.59	185.59	185.59	555.75
5318	1.1/16	18	48	138	20	16	185.59	185.59	185.59	555.75
5320	1.1/16	20	48	138	20	16	185.59	185.59	185.59	555.75
5324	1.1/16	24	48	138	20	16	185.59	185.59	185.59	555.75
5332	1.1/16	32	48	138	20	16	185.59	185.59	185.59	555.75
5407	1.1/8	7	48	138	20	16	127.22	127.22	127.22	381.69
5408	1.1/8	8	48	138	20	16	121.17	121.17	121.17	363.51
5410	1.1/8	10	48	138	20	16	204.65	204.65	204.65	613.96
5412	1.1/8	12	48	138	20	16	127.22	127.22	127.22	381.69
5414	1.1/8	14	48	138	20	16	204.65	204.65	204.65	613.96
5416	1.1/8	16	48	138	20	16	210.32	210.32	210.32	630.91
5418	1.1/8	18	48	138	20	16	197.60	197.60	197.60	592.78
5420	1.1/8	20	48	138	20	16	210.32	210.32	210.32	630.91
5424	1.1/8	24	48	138	20	16	210.32	210.32	210.32	630.91
5427	1.1/8	27	48	138	20	16	210.32	210.32	210.32	630.91
5432	1.1/8	32	48	138	20	16	210.32	210.32	210.32	630.91
5436	1.1/8	36	48	138	20	16	210.32	210.32	210.32	630.91
5514	1.3/16	14	48	138	20	16	221.86	221.86	221.86	665.57
5516	1.3/16	16	48	138	20	16	221.86	221.86	221.86	665.57
5520	1.3/16	20	48	138	20	16	222.75	222.75	222.75	668.25
5524	1.3/16	24	48	138	20	16	222.75	222.75	222.75	668.25
5532	1.3/16	32	48	138	20	16	244.97	244.97	244.97	734.89
5608	1.1/4	8	51	151	22.4	18	135.36	135.36	135.36	406.07
5610	1.1/4	10	51	151	22.4	18	232.45	232.45	232.45	698.11
5614	1.1/4	14	51	151	22.4	18	232.45	232.45	232.45	698.11
5616	1.1/4	16	51	151	22.4	18	232.45	232.45	232.45	698.11
5620	1.1/4	20	51	151	22.4	18	232.45	232.45	232.45	698.11
5624	1.1/4	24	51	151	22.4	18	232.45	232.45	232.45	698.11

CAPITAL

CUTTING TOOLS



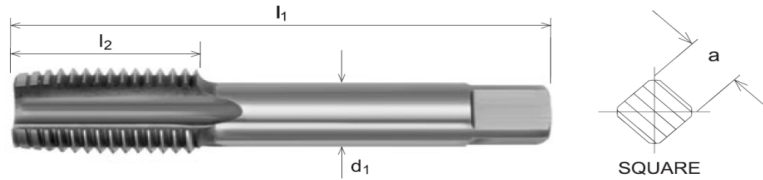
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
5632	1.1/4	32	51	151	22.4	18	244.86	244.86	244.86	734.59
5714	1.5/16	14	51	151	22.4	18	241.40	241.40	241.40	724.22
5716	1.5/16	16	51	151	22.4	18	241.40	241.40	241.40	724.22
5720	1.5/16	20	51	151	22.4	18	241.40	241.40	241.40	724.22
5724	1.5/16	24	51	151	22.4	18	241.40	241.40	241.40	724.22
5810	1.3/8	10	57	162	25	20	249.42	249.42	249.42	748.25
5814	1.3/8	14	57	162	25	20	249.42	249.42	249.42	748.25
5816	1.3/8	16	57	162	25	20	249.42	249.42	249.42	748.25
5818	1.3/8	18	57	162	25	20	249.42	249.42	249.42	748.25
5820	1.3/8	20	57	162	25	20	249.42	249.42	249.42	748.25
5824	1.3/8	24	57	162	25	20	249.42	249.42	249.42	748.25
5916	1.7/16	16	57	162	25	20	275.50	275.50	275.50	826.51
5920	1.7/16	20	57	162	25	20	275.50	275.50	275.50	826.51
6006	1.1/2	6	60	170	28	22.4	211.82	211.82	211.82	635.45
6008	1.1/2	8	60	170	28	22.4	201.70	201.70	201.70	605.13
6014	1.1/2	14	60	170	28	22.4	302.56	302.56	302.56	907.69
6016	1.1/2	16	60	170	28	22.4	302.56	302.56	302.56	907.69
6020	1.1/2	20	60	170	28	22.4	302.56	302.56	302.56	907.69
6024	1.1/2	24	60	170	28	22.4	302.56	302.56	302.56	907.69
6118	1.9/16	18	60	170	28	22.4	300.07	300.07	300.07	900.22
6120	1.9/16	20	60	170	28	22.4	300.07	300.07	300.07	900.22
6216	1.5/8	16	60	170	28	22.4	332.07	332.07	332.07	996.21
6218	1.5/8	18	60	170	28	22.4	332.07	332.07	332.07	996.21
6416	1.3/4	16	67	187	31.5	25	392.51	392.51	392.51	1177.53
6418	1.3/4	18	67	187	31.5	25	392.51	392.51	392.51	1177.53
6420	1.3/4	20	67	187	31.5	25	392.51	392.51	392.51	1177.53
6616	1.7/8	16	67	187	31.5	25	397.68	397.68	397.68	1193.02
6618	1.7/8	18	67	187	31.5	25	397.68	397.68	397.68	1193.02
6620	1.7/8	20	67	187	31.5	25	397.68	397.68	397.68	1193.02
6810	2"	10	70	200	35.5	28	412.60	412.60	412.60	1237.81
6814	2"	14	70	200	35.5	28	409.76	409.76	409.76	1229.28

CAPITAL

CUTTING TOOLS



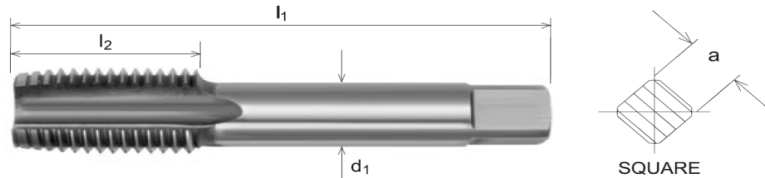
TAPS - UN FORM

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T284 -	T285 -	T286 -	T283 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
6816	2"	16	70	200	35.5	28	409.76	409.76	409.76	1229.28
6818	2"	18	70	200	35.5	28	409.76	409.76	409.76	1229.28
7012	2.1/8	12	70	200	35.5	28	453.43	453.43	453.43	1360.27
7412	2.3/8	12	70	200	35.5	28	552.33	552.33	552.33	1656.99
7812	2.5/8	12	70	200	35.5	28	654.72	654.72	654.72	1964.17
8012	2.3/4	12	70	200	35.5	28	671.09	671.09	671.09	2013.24
9012	3.1/2	12	70	200	35.5	28	1184.53	1184.53	1184.53	3553.57
9412	4"	12	70	200	35.5	28	1280.76	1280.76	1280.76	3842.31

CAPITAL

CUTTING TOOLS

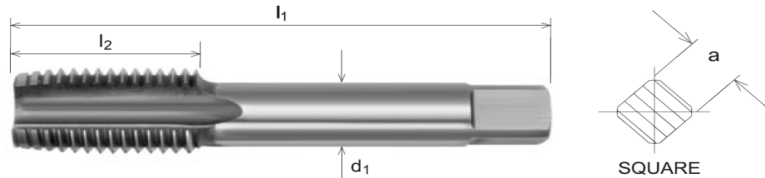


TAPS - UN FORM LEFT HAND HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0648	6	40	13	50	3.55	2.8	59.93	59.93	59.93	179.79
2732	7/32	32	19	66	6.3	5	38.67	38.67	38.67	116.02
2824	1/4	24	19	66	6.3	5	38.67	38.67	38.67	116.02
2827	1/4	27	19	66	6.3	5	38.67	38.67	38.67	116.02
2836	1/4	36	19	66	6.3	5	63.21	63.21	63.21	189.64
2840	1/4	40	19	66	6.3	5	63.21	63.21	63.21	189.64
2848	1/4	48	19	66	6.3	5	63.21	63.21	63.21	189.64
2856	1/4	56	19	66	6.3	5	63.21	63.21	63.21	189.64
2932	9/32	32	19	66	6.3	5	64.90	64.90	64.90	194.67
2940	9/32	40	19	66	6.3	5	70.94	70.94	70.94	212.80
3016	5/16	16	22	72	8	6.3	44.00	44.00	44.00	132.01
3020	5/16	20	22	72	8	6.3	44.00	44.00	44.00	132.01
3027	5/16	27	22	72	8	6.3	43.91	43.91	43.91	131.75
3028	5/16	28	22	72	8	6.3	43.91	43.91	43.91	131.75
3036	5/16	36	22	72	8	6.3	68.45	68.45	68.45	205.36
3040	5/16	40	22	72	8	6.3	68.45	68.45	68.45	205.36
3048	5/16	48	22	72	8	6.3	68.45	68.45	68.45	205.36
3056	5/16	56	22	72	8	6.3	68.45	68.45	68.45	205.36
3064	5/16	64	22	72	8	6.3	68.45	68.45	68.45	205.36
3132	11/32	32	22	72	8	6.3	76.25	76.25	76.25	228.76
3220	3/8	20	24	80	10	8	46.60	46.60	46.60	139.77
3227	3/8	27	24	80	10	8	57.78	57.78	57.78	173.35
3228	3/8	28	24	80	10	8	57.78	57.78	57.78	173.35
3232	3/8	32	24	80	10	8	53.17	53.17	53.17	159.51
3236	3/8	36	24	80	10	8	74.66	74.66	74.66	223.99
3240	3/8	40	24	80	10	8	74.66	74.66	74.66	223.99
3248	3/8	48	24	80	10	8	83.55	83.55	83.55	250.65
3324	13/32	24	24	80	10	8	94.04	94.04	94.04	282.14

CAPITAL

CUTTING TOOLS



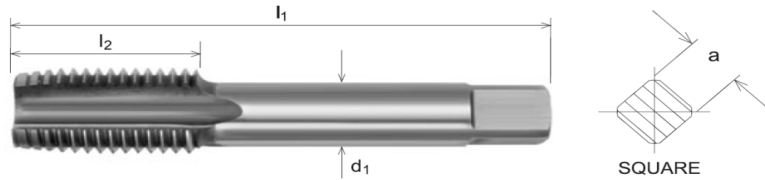
TAPS - UN FORM LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3332	13/32	32	24	80	10	8	94.04	94.04	94.04	282.14
3414	7/16	14	25	85	8	6.3	65.82	65.82	65.82	197.47
3416	7/16	16	25	85	8	6.3	65.82	65.82	65.82	197.47
3420	7/16	20	25	85	8	6.3	65.82	65.82	65.82	197.47
3424	7/16	24	25	85	8	6.3	65.82	65.82	65.82	197.47
3427	7/16	27	25	85	8	6.3	65.82	65.82	65.82	197.47
3428	7/16	28	25	85	8	6.3	65.82	65.82	65.82	197.47
3432	7/16	32	25	85	8	6.3	65.82	65.82	65.82	197.47
3440	7/16	40	25	85	8	6.3	69.17	69.17	69.17	207.48
3524	15/32	24	25	85	8	6.3	94.04	94.04	94.04	282.14
3532	15/32	32	25	85	8	6.3	94.04	94.04	94.04	282.14
3611	1/2	11	29	89	9	7.1	84.79	84.79	84.79	254.36
3612	1/2	12	29	89	9	7.1	84.79	84.79	84.79	254.36
3614	1/2	14	29	89	9	7.1	84.79	84.79	84.79	254.36
3616	1/2	16	29	89	9	7.1	84.79	84.79	84.79	254.36
3618	1/2	18	29	89	9	7.1	84.79	84.79	84.79	254.36
3624	1/2	24	29	89	9	7.1	84.79	84.79	84.79	254.36
3627	1/2	27	29	89	9	7.1	84.79	84.79	84.79	254.36
3632	1/2	32	29	89	9	7.1	84.79	84.79	84.79	254.36
3636	1/2	36	29	89	9	7.1	84.79	84.79	84.79	254.36
3640	1/2	40	29	89	9	7.1	84.79	84.79	84.79	254.36
3816	9/16	16	30	95	11.2	9	101.68	101.68	101.68	305.04
3820	9/16	20	30	95	11.2	9	87.10	87.10	87.10	261.31
3824	9/16	24	30	95	11.2	9	91.02	91.02	91.02	273.06
3827	9/16	27	30	95	11.2	9	91.02	91.02	91.02	273.06
3828	9/16	28	30	95	11.2	9	91.02	91.02	91.02	273.06
3832	9/16	32	30	95	11.2	9	91.02	91.02	91.02	273.06

CAPITAL

CUTTING TOOLS



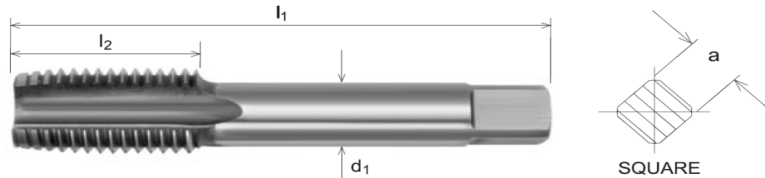
TAPS - UN FORM **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3840	9/16	40	30	95	11.2	9	91.02	91.02	91.02	273.06
3932	19/32	32	30	95	11.2	9	101.68	101.68	101.68	305.03
4011	5/8	11	32	102	12.5	10	101.68	101.68	101.68	305.04
4012	5/8	12	32	102	12.5	10	101.68	101.68	101.68	305.04
4014	5/8	14	32	102	12.5	10	101.68	101.68	101.68	305.04
4016	5/8	16	32	102	12.5	10	101.68	101.68	101.68	305.04
4018	5/8	18	32	102	12.5	10	101.25	101.25	101.25	303.74
4020	5/8	20	32	102	12.5	10	101.25	101.25	101.25	303.74
4024	5/8	24	32	102	12.5	10	101.25	101.25	101.25	303.74
4027	5/8	27	32	102	12.5	10	101.25	101.25	101.25	303.74
4028	5/8	28	32	102	12.5	10	101.25	101.25	101.25	303.74
4032	5/8	32	32	102	12.5	10	101.25	101.25	101.25	303.74
4036	5/8	36	32	102	12.5	10	101.25	101.25	101.25	303.74
4214	11/16	14	37	112	14	11.2	102.93	102.93	102.93	308.80
4216	11/16	16	37	112	14	11.2	102.93	102.93	102.93	308.80
4218	11/16	18	37	112	14	11.2	102.93	102.93	102.93	308.80
4220	11/16	20	37	112	14	11.2	102.93	102.93	102.93	308.80
4227	11/16	27	37	112	14	11.2	102.93	102.93	102.93	308.80
4228	11/16	28	37	112	14	11.2	102.93	102.93	102.93	308.80
4232	11/16	32	37	112	14	11.2	102.93	102.93	102.93	308.80
4240	11/16	40	37	112	14	11.2	102.93	102.93	102.93	308.80
4412	3/4	12	37	112	14	11.2	142.60	142.60	142.60	427.75
4414	3/4	14	37	112	14	11.2	149.71	149.71	149.71	449.14
4418	3/4	18	37	112	14	11.2	149.71	149.71	149.71	449.14
4420	3/4	20	37	112	14	11.2	155.46	155.46	155.46	466.35
4424	3/4	24	37	112	14	11.2	155.46	155.46	155.46	466.35
4427	3/4	27	37	112	14	11.2	164.45	164.45	164.45	493.33
4428	3/4	28	37	112	14	11.2	159.92	159.92	159.92	479.72
4432	3/4	32	37	112	14	11.2	159.92	159.92	159.92	479.72

CAPITAL

CUTTING TOOLS



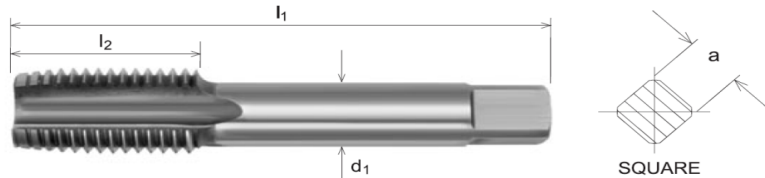
TAPS - UN FORM **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
4610	13/16	10	38	118	16	12.5	142.60	142.60	142.60	427.75
4612	13/16	12	38	118	16	12.5	142.60	142.60	142.60	427.75
4614	13/16	14	38	118	16	12.5	149.71	149.71	149.71	449.14
4616	13/16	16	38	118	16	12.5	149.71	149.71	149.71	449.14
4618	13/16	18	38	118	16	12.5	149.71	149.71	149.71	449.14
4620	13/16	20	38	118	16	12.5	149.71	149.71	149.71	449.14
4624	13/16	24	38	118	16	12.5	155.46	155.46	155.46	466.35
4627	13/16	27	38	118	16	12.5	164.45	164.45	164.45	493.33
4628	13/16	28	38	118	16	12.5	159.92	159.92	159.92	479.72
4632	13/16	32	38	118	16	12.5	159.92	159.92	159.92	479.72
4809	7/8	9	38	118	16	12.5	182.69	182.69	182.69	548.08
4810	7/8	10	38	118	16	12.5	191.82	191.82	191.82	575.46
4812	7/8	12	38	118	16	12.5	191.82	191.82	191.82	575.46
4814	7/8	14	38	118	16	12.5	191.82	191.82	191.82	575.46
4816	7/8	16	38	118	16	12.5	191.82	191.82	191.82	575.46
4818	7/8	18	38	118	16	12.5	191.82	191.82	191.82	575.46
4820	7/8	20	38	118	16	12.5	191.82	191.82	191.82	575.46
4824	7/8	24	38	118	16	12.5	191.82	191.82	191.82	575.46
4827	7/8	27	38	118	16	12.5	203.83	203.83	203.83	611.47
4832	7/8	32	38	118	16	12.5	203.83	203.83	203.83	611.47
4840	7/8	40	38	118	16	12.5	208.53	208.53	208.53	625.59
5012	15/16	12	45	130	18	14	191.82	191.82	191.82	575.46
5016	15/16	16	45	130	18	14	191.82	191.82	191.82	575.46
5018	15/16	18	45	130	18	14	191.82	191.82	191.82	575.46
5020	15/16	20	45	130	18	14	191.82	191.82	191.82	575.46
5024	15/16	24	45	130	18	14	191.82	191.82	191.82	575.46
5027	15/16	27	45	130	18	14	207.54	207.54	207.54	622.63
5028	15/16	28	45	130	18	14	207.54	207.54	207.54	622.63
5032	15/16	32	45	130	18	14	207.54	207.54	207.54	622.63

CAPITAL

CUTTING TOOLS



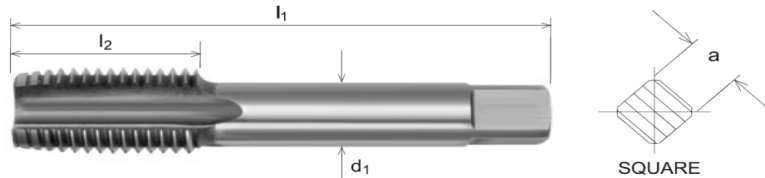
TAPS - UN FORM **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
5210	1"	10	45	130	18	14	201.44	201.44	201.44	604.36
5214	1"	14	45	130	18	14	227.94	227.94	227.94	683.80
5218	1"	18	45	130	18	14	227.94	227.94	227.94	683.80
5220	1"	20	45	130	18	14	227.94	227.94	227.94	683.80
5224	1"	24	45	130	18	14	227.94	227.94	227.94	683.80
5232	1"	32	45	130	18	14	227.94	227.94	227.94	683.80
5236	1"	36	45	130	18	14	227.94	227.94	227.94	683.80
5240	1"	40	45	130	18	14	227.94	227.94	227.94	683.80
5310	1.1/16	10	48	138	20	16	230.11	230.11	230.11	690.34
5314	1.1/16	14	48	138	20	16	230.11	230.11	230.11	690.34
5316	1.1/16	16	48	138	20	16	230.11	230.11	230.11	690.34
5318	1.1/16	18	48	138	20	16	230.11	230.11	230.11	690.34
5320	1.1/16	20	48	138	20	16	230.11	230.11	230.11	690.34
5324	1.1/16	24	48	138	20	16	237.66	237.66	237.66	712.96
5332	1.1/16	32	48	138	20	16	237.66	237.66	237.66	712.96
5408	1.1/8	8	48	138	20	16	230.11	230.11	230.11	690.34
5410	1.1/8	10	48	138	20	16	230.11	230.11	230.11	690.34
5414	1.1/8	14	48	138	20	16	230.11	230.11	230.11	690.34
5416	1.1/8	16	48	138	20	16	230.11	230.11	230.11	690.34
5418	1.1/8	18	48	138	20	16	230.11	230.11	230.11	690.34
5420	1.1/8	20	48	138	20	16	230.11	230.11	230.11	690.34
5424	1.1/8	24	48	138	20	16	230.11	230.11	230.11	690.34
5427	1.1/8	27	48	138	20	16	230.11	230.11	230.11	690.34
5432	1.1/8	32	48	138	20	16	230.11	230.11	230.11	690.34
5436	1.1/8	36	48	138	20	16	230.11	230.11	230.11	690.34
5510	1.3/16	10	48	138	20	16	244.97	244.97	244.97	734.89
5514	1.3/16	14	48	138	20	16	233.77	233.77	233.77	701.32
5516	1.3/16	16	48	138	20	16	233.77	233.77	233.77	701.32
5520	1.3/16	20	48	138	20	16	233.77	233.77	233.77	701.32

CAPITAL

CUTTING TOOLS



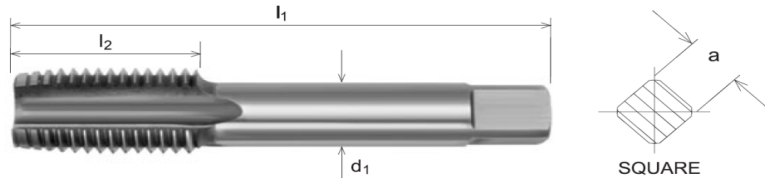
TAPS - UN FORM LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
5524	1.3/16	24	48	138	20	16	233.77	233.77	233.77	701.32
5532	1.3/16	32	48	138	20	16	233.77	233.77	233.77	701.32
5608	1.1/4	8	51	151	22.4	18	135.36	135.36	135.36	406.07
5610	1.1/4	10	51	151	22.4	18	237.48	237.48	237.48	712.29
5614	1.1/4	14	51	151	22.4	18	237.48	237.48	237.48	712.29
5616	1.1/4	16	51	151	22.4	18	237.48	237.48	237.48	712.29
5620	1.1/4	20	51	151	22.4	18	237.48	237.48	237.48	712.29
5624	1.1/4	24	51	151	22.4	18	257.24	257.24	257.24	771.72
5632	1.1/4	32	51	151	22.4	18	257.24	257.24	257.24	771.72
5714	1.5/16	14	51	151	22.4	18	242.67	242.67	242.67	727.98
5716	1.5/16	16	51	151	22.4	18	242.67	242.67	242.67	727.98
5720	1.5/16	20	51	151	22.4	18	242.67	242.67	242.67	727.98
5814	1.3/8	14	57	162	25	20	257.06	257.06	257.06	771.17
5816	1.3/8	16	57	162	25	20	257.06	257.06	257.06	771.17
5820	1.3/8	20	57	162	25	20	257.06	257.06	257.06	771.17
5824	1.3/8	24	57	162	25	20	257.06	257.06	257.06	771.17
5914	1.7/16	14	57	162	25	20	262.21	262.21	262.21	786.64
5916	1.7/16	16	57	162	25	20	262.21	262.21	262.21	786.64
5918	1.7/16	18	57	162	25	20	262.21	262.21	262.21	786.64
5920	1.7/16	20	57	162	25	20	262.21	262.21	262.21	786.64
6008	1.1/2	8	60	170	28	22.4	262.21	262.21	262.21	786.64
6014	1.1/2	14	60	170	28	22.4	271.98	271.98	271.98	815.94
6016	1.1/2	16	60	170	28	22.4	271.98	271.98	271.98	815.94
6018	1.1/2	18	60	170	28	22.4	271.98	271.98	271.98	815.94
6020	1.1/2	20	60	170	28	22.4	271.98	271.98	271.98	815.94
6024	1.1/2	24	60	170	28	22.4	271.98	271.98	271.98	815.94
6114	1.9/16	14	60	170	28	22.4	282.65	282.65	282.65	847.96
6118	1.9/16	18	60	170	28	22.4	282.65	282.65	282.65	847.96
6120	1.9/16	20	60	170	28	22.4	282.65	282.65	282.65	847.96

CAPITAL

CUTTING TOOLS



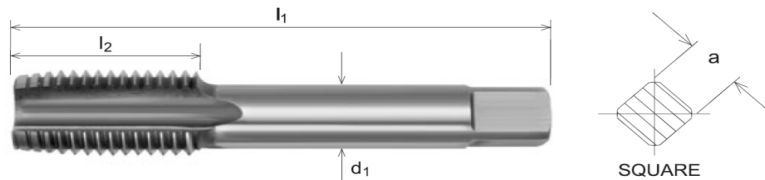
TAPS - UN FORM LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T294 -	T295 -	T296 -	T293 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
6208	1.5/8	8	60	170	28	22.4	332.07	332.07	332.07	996.21
6214	1.5/8	14	60	170	28	22.4	341.32	341.32	341.32	1023.93
6216	1.5/8	16	60	170	28	22.4	341.32	341.32	341.32	1023.93
6218	1.5/8	18	60	170	28	22.4	341.32	341.32	341.32	1023.93
6414	1.3/4	14	67	187	31.5	25	362.65	362.65	362.65	1087.95
6416	1.3/4	16	67	187	31.5	25	369.75	369.75	369.75	1109.27
6418	1.3/4	18	67	187	31.5	25	373.30	373.30	373.30	1119.93
6420	1.3/4	20	67	187	31.5	25	373.30	373.30	373.30	1119.93
6608	1.7/8	8	67	187	31.5	25	397.68	397.68	397.68	1193.02
6616	1.7/8	16	67	187	31.5	25	369.75	369.75	369.75	1109.27
6618	1.7/8	18	67	187	31.5	25	373.30	373.30	373.30	1119.93
6620	1.7/8	20	67	187	31.5	25	376.88	376.88	376.88	1130.61
6808	2"	8	70	200	35.5	28	412.60	412.60	412.60	1237.81
6810	2"	10	70	200	35.5	28	437.32	437.32	437.32	1311.92
6814	2"	14	70	200	35.5	28	437.32	437.32	437.32	1311.92
6816	2"	16	70	200	35.5	28	442.64	442.64	442.64	1327.91
6818	2"	18	70	200	35.5	28	442.64	442.64	442.64	1327.91
7012	2.1/8	12	70	200	35.5	28	467.53	467.53	467.53	1402.59
7212	2.1/4	12	70	200	35.5	28	597.48	597.48	597.48	1792.44
7412	2.3/8	12	70	200	35.5	28	638.18	638.18	638.18	1914.55
7612	2.1/2	12	70	200	35.5	28	719.08	719.08	719.08	2157.23
7812	2.5/8	12	70	200	35.5	28	699.58	699.58	699.58	2098.78
8012	2.3/4	12	70	200	35.5	28	782.18	782.18	782.18	2346.53
8412	3"	12	70	200	35.5	28	825.07	825.07	825.07	2477.22
9012	3.1/2	12	70	200	35.5	28	1185.70	1185.70	1185.70	3557.12
9412	4"	12	70	200	35.5	28	1384.80	1384.80	1384.80	4154.41

CAPITAL

CUTTING TOOLS



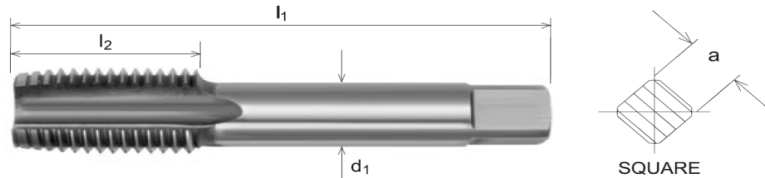
TAPS - BSW

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T304 -	T305 -	T306 -	T303 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2348	3/32	48	9.5	44.5	2.5	2.24	41.47	41.47	41.47	124.44
2440	1/8	40	11	48	3.15	2.5	16.57	16.57	16.57	49.72
2532	5/32	32	13	53	4	3.15	16.57	16.57	16.57	49.72
2624	3/16	24	16	58	5	4	10.45	10.45	10.45	31.33
2724	7/32	24	18	64	6	4	15.73	15.73	15.73	47.18
2820	1/4	20	19	66	6.3	5	10.59	10.59	10.59	31.80
3018	5/16	18	22	72	8	6.3	11.09	11.09	11.09	33.28
3216	3/8	16	24	80	10	8	15.19	15.19	15.19	45.56
3414	7/16	14	25	85	8	6.3	20.22	20.22	20.22	60.65
3612	1/2	12	29	89	9	7.1	22.63	22.63	22.63	67.91
3812	9/16	12	30	95	11.2	9	32.82	32.82	32.82	98.49
4011	5/8	11	32	102	12.5	10	34.56	34.56	34.56	103.65
4211	11/16	11	37	112	14	11.2	92.45	92.45	92.45	277.32
4410	3/4	10	37	112	14	11.2	44.93	44.93	44.93	134.79
4809	7/8	9	38	118	16	12.5	67.41	67.41	67.41	202.20
5208	1"	8	45	130	18	14	81.26	81.26	81.26	243.79
5407	1.1/8	7	48	138	20	16	133.08	133.08	133.08	399.23
5607	1.1/4	7	51	151	22.4	18	147.45	147.45	147.45	442.34
5806	1.3/8	6	57	162	25	20	193.64	193.64	193.64	580.89
6006	1.1/2	6	60	170	28	22.4	220.18	220.18	220.18	660.54
6205	1.5/8	5	60	170	28	22.4	284.07	284.07	284.07	852.22
6405	1.3/4	5	67	187	31.5	25	310.75	310.75	310.75	932.26
6604	1.7/8	4.5	67	187	31.5	25	435.53	435.53	435.53	1307.59
6804	2"	4.5	70	200	35.5	28	448.70	448.70	448.70	1346.11

CAPITAL

CUTTING TOOLS



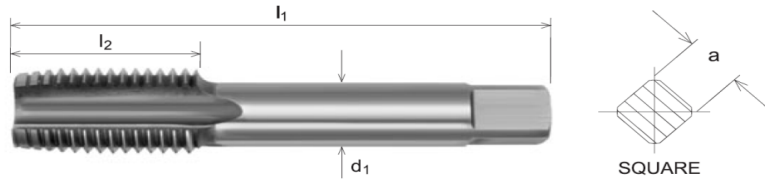
TAPS - BSW **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T314 -	T315 -	T316 -	T313 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2440	1/8	40	11	48	3.15	2.5	75.10	75.10	75.10	223.99
2532	5/32	32	13	53	4	3.15	75.10	75.10	75.10	223.99
2624	3/16	24	16	58	5	4	75.10	75.10	75.10	223.99
2724	7/32	24	18	64	6	4	56.89	56.89	56.89	170.65
2820	1/4	20	19	66	6.3	5	27.50	27.50	27.50	82.49
3018	5/16	18	22	72	8	6.3	30.51	30.51	30.51	91.53
3216	3/8	16	24	80	10	8	34.14	34.14	34.14	102.43
3414	7/16	14	25	85	8	6.3	39.37	39.37	39.37	118.09
3612	1/2	12	29	89	9	7.1	64.50	64.50	64.50	193.52
3812	9/16	12	30	95	11.2	9	99.66	99.66	99.66	299.01
4011	5/8	11	32	102	12.5	10	94.50	94.50	94.50	283.46
4410	3/4	10	37	112	14	11.2	101.21	101.21	101.21	303.64
4809	7/8	9	38	118	16	12.5	141.53	141.53	141.53	424.61
5208	1"	8	45	130	18	14	200.95	200.95	200.95	602.83
5407	1.1/8	7	48	138	20	16	222.36	222.36	222.36	667.03
5607	1.1/4	7	51	151	22.4	18	246.35	246.35	246.35	739.07
5806	1.3/8	6	57	162	25	20	323.53	323.53	323.53	970.61
6006	1.1/2	6	60	170	28	22.4	341.32	341.32	341.32	1023.93
6205	1.5/8	5	60	170	28	22.4	369.67	369.67	369.67	1109.02
6405	1.3/4	5	67	187	31.5	25	414.19	414.19	414.19	1242.58
6604	1.7/8	4.5	67	187	31.5	25	478.21	478.21	478.21	1434.59
6804	2"	4.5	70	200	35.5	28	487.99	487.99	487.99	1463.95

CAPITAL

CUTTING TOOLS



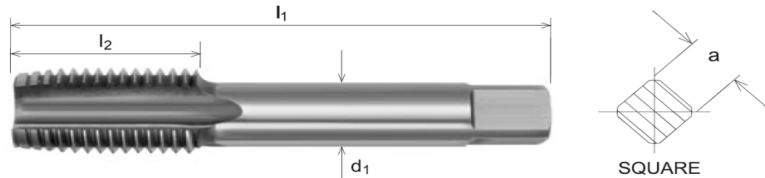
TAPS - BSF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T324 -	T325 -	T326 -	T323 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2632	3/16	32	16	58	5	4	11.43	11.43	11.43	34.29
2728	7/32	28	18	64	6	4	18.33	18.33	18.33	55.00
2826	1/4	26	19	66	6.3	5	13.12	13.12	13.12	39.37
2926	9/32	26	20	68	6.3	5	33.31	33.31	33.31	99.91
3022	5/16	22	22	72	8	6.3	14.21	14.21	14.21	42.62
3220	3/8	20	24	80	10	8	15.53	15.53	15.53	46.58
3418	7/16	18	25	85	8	6.3	23.84	23.84	23.84	71.51
3616	1/2	16	29	89	9	7.1	29.40	29.40	29.40	88.22
3816	9/16	16	30	95	11.2	9	38.05	38.05	38.05	114.13
4014	5/8	14	32	102	12.5	10	38.05	38.05	38.05	114.13
4214	11/16	14	34	107	12.5	10	58.22	58.22	58.22	174.67
4412	3/4	12	37	112	14	11.2	58.75	58.75	58.75	176.24
4612	13/16	12	38	118	16	12.5	77.82	77.82	77.82	233.45
4811	7/8	11	42	124	18	14	79.45	79.45	79.45	238.31
5210	1"	10	45	130	18	14	103.82	103.82	103.82	311.46
5409	1.1/8	9	48	138	20	16	145.54	145.54	145.54	436.61
5609	1.1/4	9	51	151	22.4	18	167.36	167.36	167.36	502.07
5808	1.3/8	8	57	162	25	20	210.89	210.89	210.89	632.64
6008	1.1/2	8	60	170	28	22.4	221.96	221.96	221.96	665.86
6208	1.5/8	8	60	170	28	22.4	284.07	284.07	284.07	852.22
6407	1.3/4	7	67	187	31.5	25	313.84	313.84	313.84	941.56
6807	2"	7	70	200	35.5	28	448.70	448.70	448.70	1346.11

CAPITAL

CUTTING TOOLS



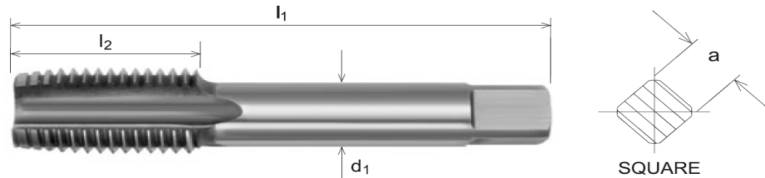
TAPS - BSF LEFT HAND

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T334 -	T335 -	T336 -	T333 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2632	3/16	26	16	58	5	4	39.11	39.11	39.11	117.32
2826	1/4	26	19	66	6.3	5	39.41	39.41	39.41	118.23
3022	5/16	22	22	72	8	6.3	43.61	43.61	43.61	130.84
3220	3/8	20	24	80	10	8	54.06	54.06	54.06	162.18
3418	7/16	18	25	85	8	6.3	57.67	57.67	57.67	172.99
3616	1/2	16	29	89	9	7.1	87.31	87.31	87.31	261.92
3816	9/16	16	30	95	11.2	9	99.66	99.66	99.66	299.01
4014	5/8	14	32	102	12.5	10	97.62	97.62	97.62	292.86
4214	11/16	14	34	107	12.5	10	127.99	127.99	127.99	383.98
4412	3/4	12	37	112	14	11.2	137.02	137.02	137.02	411.05
4612	13/16	12	38	118	16	12.5	182.31	182.31	182.31	546.92
4811	7/8	11	42	124	18	14	182.69	182.69	182.69	548.08
5210	1"	10	45	130	18	14	201.44	201.44	201.44	604.36
5409	1.1/8	9	48	138	20	16	234.79	234.79	234.79	704.37
5609	1.1/4	9	51	151	22.4	18	255.99	255.99	255.99	767.96
5808	1.3/8	8	57	162	25	20	325.73	325.73	325.73	977.17
6008	1.1/2	8	60	170	28	22.4	344.07	344.07	344.07	1032.21
6208	1.5/8	8	60	170	28	22.4	300.43	300.43	300.43	901.27
6407	1.3/4	7	67	187	31.5	25	349.32	349.32	349.32	1047.95
6807	2"	7	70	200	35.5	28	529.74	529.74	529.74	1589.24

CAPITAL

CUTTING TOOLS



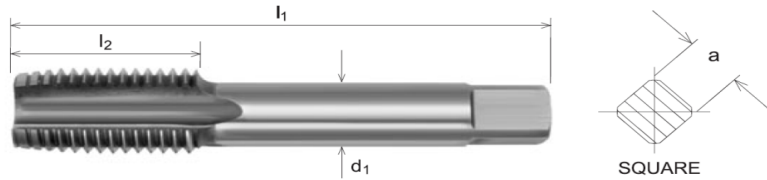
TAPS - BSB BRASS

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T344 -	T345 -	T346 -	T343 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2626	3/16	26	16	58	5	4	18.45	18.45	18.45	55.34
2826	1/4	26	19	66	6.3	5	13.12	13.12	13.12	39.37
2926	9/32	26	19	66	6.3	5	20.53	20.53	20.53	61.60
3026	5/16	26	22	72	8	6.3	24.18	24.18	24.18	72.53
3226	3/8	26	24	80	10	8	24.18	24.18	24.18	72.53
3326	13/32	26	24	80	10	8	39.76	39.76	39.76	119.29
3426	7/16	26	25	85	8	6.3	36.23	36.23	36.23	108.69
3626	1/2	26	29	89	9	7.1	43.20	43.20	43.20	129.62
3826	9/16	26	30	95	11.2	9	47.36	47.36	47.36	142.06
3926	19/32	26	30	95	11.2	9	47.36	47.36	47.36	142.06
4026	5/8	26	32	102	12.5	10	47.36	47.36	47.36	142.06
4226	11/16	26	34	107	12.5	10	98.91	98.91	98.91	296.76
4426	3/4	26	37	112	14	11.2	98.90	98.90	98.90	296.72
4626	13/16	26	38	118	16	12.5	121.63	121.63	121.63	364.88
4826	7/8	26	42	124	18	14	121.63	121.63	121.63	364.88
5026	15/16	26	45	130	18	14	130.40	130.40	130.40	391.19
5226	1"	26	45	130	18	14	130.40	130.40	130.40	391.19
5326	1.1/16	26	45	130	18	14	197.59	197.59	197.59	592.78
5426	1.1/8	26	48	138	20	16	197.60	197.60	197.60	592.78
5526	1.3/16	26	48	138	20	16	217.85	217.85	217.85	653.55
5626	1.1/4	26	51	151	22.4	18	243.23	243.23	243.23	729.65
5826	1.3/8	26	57	162	25	20	265.89	265.89	265.89	797.67
6026	1.1/2	26	60	170	28	22.4	292.75	292.75	292.75	878.25

CAPITAL

CUTTING TOOLS

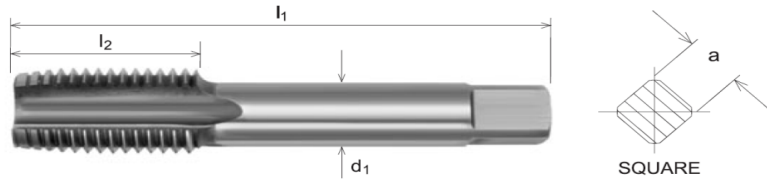


TAPS - BSB BRASS **LEFT HAND** HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T354 -	T355 -	T356 -	T353 -
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2826	1/4	26	19	66	6.3	5	39.41	39.41	39.41	118.23
2926	9/32	26	19	66	6.3	5	41.52	41.52	41.52	123.30
3026	5/16	26	22	72	8	6.3	43.61	43.61	43.61	130.84
3226	3/8	26	24	80	10	8	54.06	54.06	54.06	162.18
3426	7/16	26	25	85	8	6.3	57.67	57.67	57.67	172.99
3626	1/2	26	29	89	9	7.1	87.31	87.31	87.31	261.92
3826	9/16	26	30	95	11.2	9	99.66	99.66	99.66	299.01
4026	5/8	26	32	102	12.5	10	102.93	102.93	102.93	308.80
4426	3/4	26	37	112	14	11.2	137.02	137.02	137.02	411.05
4826	7/8	26	42	124	18	14	182.69	182.69	182.69	548.08
5226	1"	26	45	130	18	14	201.44	201.44	201.44	604.36

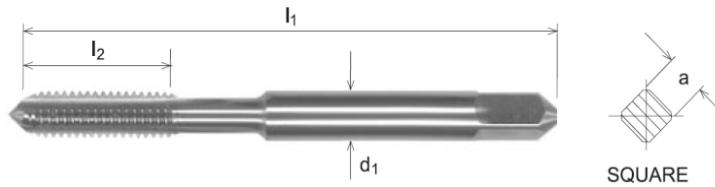
CAPITAL

CUTTING TOOLS



TAPS - BS ELECTRICAL CONDUIT HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T364-	T365-	T366-	T363-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
3216	3/8	16	24	80	10	8	68.38	68.38	68.38	205.15
3618	1/2	18	29	89	9	7.1	72.18	72.18	72.18	216.52
4018	5/8	18	32	102	12.5	10	118.15	118.15	118.15	354.46
4216	11/16	16	34	107	12.5	10	163.77	163.77	163.77	491.31
4416	3/4	16	37	112	14	11.2	192.15	192.15	192.15	576.42
4816	7/8	16	42	124	18	14	203.67	203.67	203.67	611.01
5216	1"	16	45	130	18	14	211.54	211.54	211.54	634.63
5616	1.1/4	16	51	151	22.4	18	224.88	224.88	224.88	674.65
6014	1.1/2	14	60	170	28	22.4	310.21	310.21	310.21	930.63
6814	2"	14	70	200	35.5	28	391.09	391.09	391.09	1173.27
7214	2.1/2	14	70	200	35.5	28	631.07	631.07	631.07	1893.22



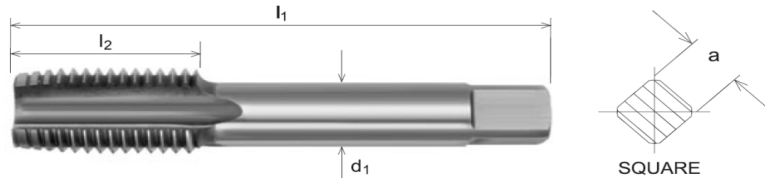
TAPS - BA

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T504-	T505-	T506-	T503-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0025	0	25.38	19	66	6.3	5	11.70	11.70	11.70	35.10
0128	1	28.25	17	62	5.6	4.5	12.28	12.28	12.28	36.83
0231	2	31.36	16	58	5	4	10.88	10.88	10.88	32.65
0334	3	34.84	13	53	4.5	3.55	12.12	12.12	12.12	36.37
0438	4	38.46	13	50	3.55	2.8	10.88	10.88	10.88	32.65
0543	5	43.1	11	48	3.15	2.5	11.32	11.32	11.32	33.93
0647	6	47.85	9.5	44.5	2.8	2.24	12.28	12.28	12.28	36.83
0752	7	52.91	9.5	44.5	2.8	2.24	18.70	18.70	18.70	56.08
0859	8	59.17	9.5	44.5	2.8	2.24	17.99	17.99	17.99	53.94
0964	9	64.94	8	41	2.5	2	32.82	32.82	32.82	98.49
1072	10	72.46	8	41	2.5	2	34.56	34.56	34.56	103.65
1181	11	81.97	7	40	2.5	2	43.29	43.29	43.29	129.87
1290	12	90.91	7	40	2.5	2	53.92	53.92	53.92	161.76

CAPITAL

CUTTING TOOLS



TAPS - BS CYCLE 60°

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T524-	T525-	T526-	T523-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2632	3/16	32	16	58	5	4	60.52	60.52	60.52	181.58
2726	7/32	26	18	64	6	4	60.52	60.52	60.52	181.58
2826	1/4	26	19	66	6.3	5	60.52	60.52	60.52	181.58
2926	9/32	26	20	68	6.3	5	60.52	60.52	60.52	181.58
3026	5/16	26	22	72	8	6.3	64.00	64.00	64.00	191.99
3226	3/8	26	24	80	10	8	64.00	64.00	64.00	191.99
3426	7/16	26	25	85	8	6.3	69.33	69.33	69.33	207.99
3626	1/2	26	29	89	9	7.1	78.23	78.23	78.23	234.67
3826	9/16	26	30	95	11.2	9	87.10	87.10	87.10	261.31
4026	5/8	26	32	102	12.5	10	92.45	92.45	92.45	277.33
4226	11/16	26	34	107	12.5	10	101.33	101.33	101.33	303.98
4426	3/4	26	37	112	14	11.2	112.90	112.90	112.90	338.68
4826	7/8	26	42	124	18	14	132.45	132.45	132.45	397.34

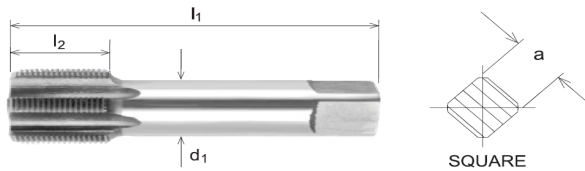
TAPS - PG

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T544-	T545-	T546-	T543-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0720	PG-7	20	29	89	9	7.1	40.45	40.45	40.45	121.34
0918	PG-9	18	32	102	12.5	10	44.81	44.81	44.81	134.39
1118	PG-11	18	37	112	14	11.2	52.90	52.90	52.90	158.68
1318	PG-13.5	18	37	112	14	11.2	68.90	68.90	68.90	206.67
1618	PG-16	18	38	118	16	12.5	85.42	85.42	85.42	256.25
2116	PG-21	16	48	138	20	16	100.46	100.46	100.46	301.34
2916	PG-29	16	60	170	28	22.4	232.96	232.96	232.96	698.87
3616	PG-36	16	67	187	31.5	25	359.09	359.09	359.09	1077.27
4216	PG-42	16	70	200	35.5	28	488.85	488.85	488.85	1466.57
4816	PG-48	16	70	200	40	31.5	551.08	551.08	551.08	1653.23

CAPITAL

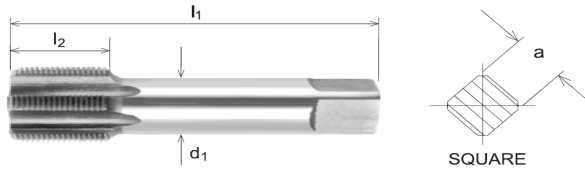
CUTTING TOOLS



PIPE TAPS - BSPF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T404-	T405-	T406-	T403-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2228	1/16	28	11	51	6	5	59.64	59.64	59.64	178.92
2428	1/8	28	15	59	8	6.3	17.55	17.55	17.55	52.64
2819	1/4	19	19	67	10	8	24.80	24.80	24.80	74.41
3219	3/8	19	21	75	12.5	10	36.37	36.37	36.37	109.12
3614	1/2	14	26	87	16	12.5	51.21	51.21	51.21	153.64
4014	5/8	14	26	91	18	14	67.71	67.71	67.71	203.12
4414	3/4	14	28	96	20	16	72.72	72.72	72.72	218.15
4814	7/8	14	29	102	22.4	18	104.09	104.09	104.09	312.28
5211	1"	11	33	109	25	20	120.66	120.66	120.66	361.99
5611	1.1/4	11	36	119	31.5	25	214.56	214.56	214.56	643.70
6011	1.1/2	11	37	125	35.5	28	241.08	241.08	241.08	723.26
6411	1.3/4	11	39	132	35.5	28	507.31	507.31	507.31	1521.92
6811	2"	11	41	140	40	31.5	408.87	408.87	408.87	1226.60
7211	2.1/4	11	42	142	40	31.5	639.97	639.97	639.97	1919.89
7611	2.1/2	11	45	153	45	35.5	746.63	746.63	746.63	2239.88
8411	3"	11	48	164	50	40	879.94	879.94	879.94	2639.85
9411	4"	11	55	188	60	48.5	1308.36	1308.36	1308.36	3925.10

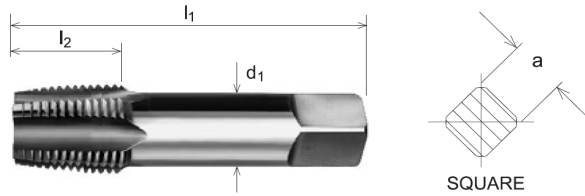


PIPE TAPS - "G" BSP
HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T424-	T425-	T426-	T423-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2428	1/8	28	13	53	6	4	17.55	17.55	17.55	52.64
2819	1/4	19	19	67	10	8	24.80	24.80	24.80	74.41
3219	3/8	19	21	75	12.5	10	36.37	36.37	36.37	109.12
3614	1/2	14	26	87	16	12.5	51.21	51.21	51.21	153.64
4014	5/8	14	26	91	18	14	67.71	67.71	67.71	203.12
4414	3/4	14	28	96	20	16	72.72	72.72	72.72	218.15
4814	7/8	14	29	102	22.4	18	104.09	104.09	104.09	312.28
5211	1"	11	33	109	25	20	120.66	120.66	120.66	361.99
5611	1.1/4	11	36	119	31.5	25	214.56	214.56	214.56	643.70
6011	1.1/2	11	37	125	35.5	28	241.08	241.08	241.08	723.26
6411	1.3/4	11	39	132	35.5	28	507.31	507.31	507.31	1521.92
6811	2"	11	41	140	40	31.5	408.87	408.87	408.87	1226.60

CAPITAL

CUTTING TOOLS



PIPE TAPS - BSPT

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T464-	T465-	T466-	T463-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2228	1/16	28	13	53	6	4	63.20	63.20	63.20	189.61
2428	1/8	28	15	59	8	6.3	39.65	39.65	39.65	118.98
2819	1/4	19	19	67	10	8	42.92	42.92	42.92	128.74
3219	3/8	19	21	75	12.5	10	66.12	66.12	66.12	198.33
3614	1/2	14	26	87	16	12.5	74.41	74.41	74.41	223.20
4014	5/8	14	26	91	18	14	159.11	159.11	159.11	477.31
4414	3/4	14	28	96	20	16	81.17	81.17	81.17	243.50
4814	7/8	14	29	102	22.4	18	169.71	169.71	169.71	509.12
5211	1"	11	33	109	25	20	132.23	132.23	132.23	396.71
5411	1.1/8	11	35	113	27	22.5	189.06	189.06	189.06	567.19
5611	1.1/4	11	36	119	31.5	25	213.20	213.20	213.20	639.60
6011	1.1/2	11	37	125	35.5	28	281.47	281.47	281.47	844.44
6811	2"	11	41	140	40	31.5	458.64	458.64	458.64	1375.91
7611	2.1/2	11	45	153	45	35.5	773.28	773.28	773.28	2319.84
8411	3"	11	48	164	50	40	1224.81	1224.81	1224.81	3674.42
8611	3.1/2	11	51	176	55	45	1257.26	1257.26	1257.26	3771.78
9411	4"	11	55	188	60	48.5	1347.91	1347.91	1347.91	4043.76

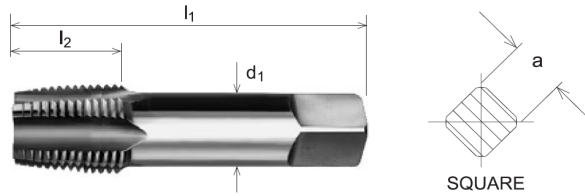
PIPE TAPS - "RC" BSPT

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T444-	T445-	T446-	T443-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2428	1/8	28	15	59	8	6.3	39.65	39.65	39.65	118.98
2819	1/4	19	19	67	10	8	42.92	42.92	42.92	128.74
3219	3/8	19	21	75	12.5	10	66.12	66.12	66.12	198.33
3614	1/2	14	26	87	16	12.5	74.41	74.41	74.41	223.20
4414	3/4	14	28	96	20	16	81.17	81.17	81.17	243.50
5211	1"	11	33	109	25	20	132.23	132.23	132.23	396.71
5611	1.1/4	11	36	119	31.5	25	213.20	213.20	213.20	639.60

CAPITAL

CUTTING TOOLS



PIPE TAPS - NPT

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T618	T619	T620-	T617-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2227	1/16	27	13	56	8	6.3	36.34	36.34	36.34	109.05
2427	1/8	27	15	59	8	6.3	30.92	30.92	30.92	92.78
2818	1/4	18	19	67	10	8	43.74	43.74	43.74	131.23
3218	3/8	18	21	75	12.5	10	66.12	66.12	66.12	198.33
3614	1/2	14	26	87	16	12.5	75.96	75.96	75.96	227.87
4014	5/8	14	26	91	18	14	82.42	82.42	82.42	247.26
4414	3/4	14	28	96	20	16	94.21	94.21	94.21	282.63
4811	7/8	11.5	29	102	22.4	18	113.35	113.35	113.35	340.06
5211	1"	11.5	33	109	25	20	136.17	136.17	136.17	408.48
5611	1.1/4	11.5	36	119	31.5	25	222.92	222.92	222.92	668.77
6011	1.1/2	11.5	37	125	35.5	28	349.58	349.58	349.58	1048.72
6811	2"	11.5	41	140	40	31.5	556.25	556.25	556.25	1668.75
7608	2.1/2	8	45	153	45	35.5	780.39	780.39	780.39	2341.18
8408	3"	8	48	164	50	40	915.49	915.49	915.49	2746.48
8608	3.1/2	8	51	176	55	45	1217.71	1217.71	1217.71	3653.12
9408	4"	8	55	188	60	48.5	1331.49	1331.49	1331.49	3994.46

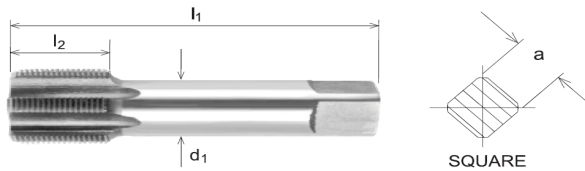
PIPE TAPS - NPTF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T624-	T625-	T626-	T623
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2227	1/16	27	13	56	8	6.3	41.30	41.30	41.30	123.92
2427	1/8	27	15	59	8	6.3	46.69	46.69	46.69	140.07
2818	1/4	18	19	67	10	8	62.71	62.71	62.71	188.13
3218	3/8	18	21	75	12.5	10	79.28	79.28	79.28	237.83
3614	1/2	14	26	87	16	12.5	90.86	90.86	90.86	272.59
4414	3/4	14	28	96	20	16	121.30	121.30	121.30	363.92
5211	1"	11.5	33	109	25	20	155.29	155.29	155.29	465.86
5611	1.1/4	11.5	36	119	31.5	25	237.93	237.93	237.93	713.81

CAPITAL

CUTTING TOOLS



PIPE TAPS - NPS

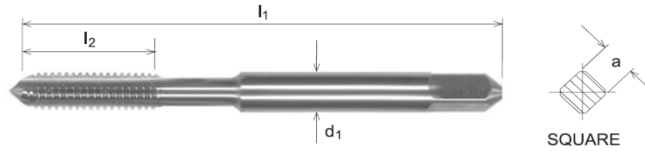
HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T644-	T645-	T646-	T643-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2227	1/16	27	13	52	6	4	59.64	59.64	59.64	178.92
2427	1/8	27	15	59	8	6.3	31.92	31.92	31.92	95.75
2818	1/4	18	19	67	10	8	51.88	51.88	51.88	155.62
3218	3/8	18	21	75	12.5	10	63.29	63.29	63.29	189.90
3614	1/2	14	26	87	16	12.5	96.80	96.80	96.80	290.38
4414	3/4	14	28	96	20	16	132.29	132.29	132.29	396.87
5211	1"	11.5	33	109	25	20	193.01	193.01	193.01	579.02
5611	1.1/4	11.5	36	119	31.5	25	216.59	216.59	216.59	649.76
6011	1.1/2	11.5	37	125	35.5	28	241.08	241.08	241.08	723.26
6811	2"	11.5	41	140	40	31.5	556.25	556.25	556.25	1668.73
7608	2.1/2	8	45	153	45	35.5	780.39	780.39	780.39	2341.20
8408	3"	8	48	164	50	40	906.62	906.62	906.62	2719.84

PIPE TAPS - NPSF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T664-	T665-	T666-	T663-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2227	1/16	27	15	59	8	6.3	59.64	59.64	59.64	178.92
2427	1/8	27	15	59	8	6.3	23.96	23.96	23.96	71.88
2818	1/4	18	19	67	10	8	39.65	39.65	39.65	118.94
3218	3/8	18	21	75	12.5	10	47.92	47.92	47.92	143.73
3614	1/2	14	26	87	16	12.5	72.75	72.75	72.75	218.24
4414	3/4	14	28	96	20	16	102.76	102.76	102.76	308.25
5211	1"	11.5	33	109	25	20	201.67	201.67	201.67	605.02
5611	1.1/4	11.5	36	119	31.5	25	220.14	220.14	220.14	660.43
6011	1.1/2	11.5	37	125	35.5	28	247.87	247.87	247.87	743.62
6811	2"	11.5	41	140	40	31.5	556.25	556.25	556.25	1668.73



COBALT - DIN 371 HSS

REINFORCED SHANK - METRIC COARSE

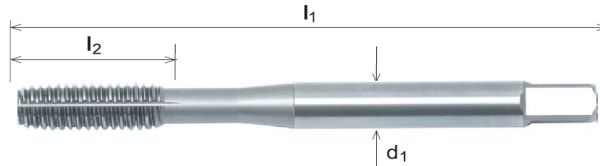
Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T704-	T705-	T706-	T703-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0305	3.0	0.5	11	56	3.5	2.7	18.02	18.02	18.02	54.03
0402	4.0	0.7	13	63	4.5	3.4	15.73	15.73	15.73	47.18
0508	5.0	0.8	16	70	6	4.9	18.02	18.02	18.02	54.03
0610	6.0	1.0	19	80	6	4.9	18.02	18.02	18.02	54.03
0812	8.0	1.25	22	90	8	6.2	19.14	19.14	19.14	57.44
1015	10	1.5	24	100	10	8	24.87	24.87	24.87	74.61

COBALT - DIN 376 HSS

Code	Size	Pitch	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T714-	T715-	T716-	T713-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0305	3.0	0.5	11	56	2.2	1.7	18.02	18.02	18.02	54.03
0402	4.0	0.7	13	63	2.8	2.1	15.73	15.73	15.73	47.18
0508	5.0	0.8	16	70	3.5	2.7	18.02	18.02	18.02	54.03
0610	6.0	1.0	19	80	4.5	3.4	18.02	18.02	18.02	54.03
0812	8.0	1.25	22	90	6	4.9	19.14	19.14	19.14	57.44
1015	10	1.5	24	100	7	5.5	24.87	24.87	24.87	74.61
1217	12	1.75	29	110	9	7	36.34	36.34	36.34	109.05
1420	14	2.0	30	110	11	9	44.45	44.45	44.45	133.33
1620	16	2.0	32	110	12	9	50.16	50.16	50.16	150.49
1825	18	2.5	34	125	14	11	77.74	77.74	77.74	233.23
2025	20	2.5	34	140	16	12	86.96	86.96	86.96	260.86

CAPITAL

CUTTING TOOLS



FLUTELESS TAPS - METRIC

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	\$ ea.
T107-0305	3.0	0.5	11	48	3.15	2.5	33.73
T107-0356	3.5	0.6	13	50	3.55	2.8	32.75
T107-0407	4.0	0.7	13	53	4	3.15	33.73
T107-0457	4.5	0.5	13	53	4	3.15	71.43
T107-0508	5.0	0.8	16	58	5	4	36.64
T107-0605	6.0	0.5	16	66	6.3	5	54.17
T107-0610	6.0	1.0	19	66	6.3	5	36.64
T107-0812	8.0	1.25	22	72	8	6.3	39.15
T107-1012	10	1.25	24	80	10	8	69.65
T107-1015	10	1.5	24	80	10	8	58.95
T107-1212	12	1.25	29	89	9	7.1	90.82
T107-1217	12	1.75	29	89	9	7.1	79.05
T107-1418	14	1.25	30	95	11.2	9	147.99
T107-1419	14	1.5	30	95	11.2	9	147.99
T107-1420	14	2.0	30	95	11.2	9	133.98
T107-1620	16	2.0	32	102	12.5	10	153.77
T107-1815	18	1.5	37	112	14	11.2	168.62
T107-2015	20	1.5	37	112	14	11.2	178.26

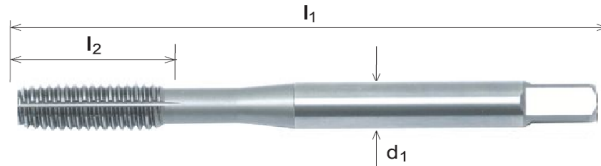
FLUTELESS TAPS - UNC

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T207-0440	4	40	11	48	3.15	2.5	42.63
T207-0540	5	40	11	48	3.15	2.5	42.63
T207-0632	6	32	13	50	3.55	2.8	33.72
T207-0832	8	32	13	53	4.5	3.55	33.72
T207-1024	10	24	16	58	5	4	33.72
T207-2820	1/4	20	19	66	6.3	5	35.66
T207-3018	5/16	18	22	72	8	6.3	39.16
T207-3216	3/8	16	24	80	10	8	48.58
T207-3414	7/16	14	25	85	8	6.3	58.51
T207-3613	1/2	13	29	89	9	7.1	58.51

CAPITAL

CUTTING TOOLS



FLUTELESS TAPS - UNF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T227-0448	4	48	11	48	3.15	2.5	42.63
T227-0544	5	44	11	48	3.15	2.5	42.63
T227-0640	6	40	13	50	3.55	2.8	34.68
T227-0836	8	36	13	53	4.5	3.55	34.68
T227-1032	10	32	16	58	5	4	34.68
T227-1228	12	28	17	62	5.6	4.5	35.66
T227-2828	1/4	28	19	66	6.3	5	35.66
T227-3024	5/16	24	22	72	8	6.3	39.23
T227-3224	3/8	24	24	80	10	8	48.58
T227-3420	7/16	20	25	85	8	6.3	58.51
T227-3620	1/2	20	29	89	9	7.1	58.51

FLUTELESS TAPS - BSW

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T307-2440	1/8	40	11	48	3.15	2.5	36.64
T307-2624	3/16	24	16	58	5	4	36.64
T307-2820	1/4	20	19	66	6.3	5	35.66
T307-3018	5/16	18	22	72	8	6.3	39.03
T307-3216	3/8	16	24	80	10	8	48.57
T307-3414	7/16	14	25	85	8	6.3	60.35
T307-3612	1/2	12	29	89	9	7.1	60.35

FLUTELESS TAPS - BSF

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T327-2826	1/4	26	19	66	6.3	5	39.97
T327-3022	5/16	22	22	72	8	6.3	44.28
T327-3220	3/8	20	24	80	10	8	44.65
T327-3418	7/16	18	25	85	8	6.3	60.35
T327-3616	1/2	16	29	89	9	7.1	60.35