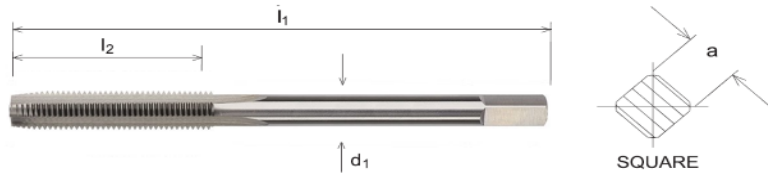


CAPITAL

CUTTING TOOLS



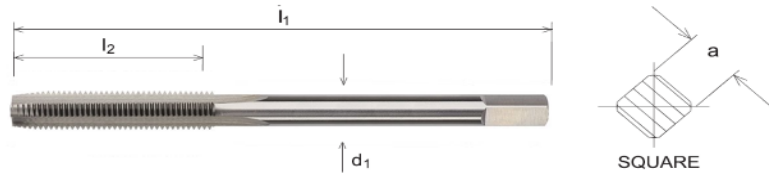
MACHINE NUT TAPS - METRIC

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
							T101-4-	T101-5-	T101-6-	T101-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0305	3.0	0.5	19	89	2.15	2.5	44.26	44.26	44.26	132.75
0356	3.5	0.6	25	89	2.55	2.8	44.26	44.26	44.26	132.75
0402	4.0	0.7	32	102	3.15	3.15	44.26	44.26	44.26	132.75
0508	5.0	0.8	41	108	3.85	4	59.72	59.72	59.72	179.17
0610	6.0	1.0	46	127	4.5	5	59.72	59.72	59.72	179.17
0710	7.0	1.0	51	127	5.6	5.6	59.72	59.72	59.72	179.17
0810	8.0	1.0	63	140	6.3	6.3	88.96	88.96	88.96	266.88
0812	8.0	1.25	63	140	6.3	6.3	62.69	62.69	62.69	188.08
0912	9.0	1.25	70	152	7.1	7.1	90.29	90.29	90.29	270.89
1015	10	1.5	76	152	8	8	90.29	90.29	90.29	270.89
1115	11	1.5	76	165	8	6.3	90.29	90.29	90.29	270.89
1212	12	1.25	83	178	9.6	7.1	155.83	155.83	155.83	467.49
1217	12	1.75	83	178	9.6	7.1	123.90	123.90	123.90	371.70
1420	14	2.0	92	190	11.2	9	123.90	123.90	123.90	371.70
1615	16	1.5	92	203	12.5	10	167.98	167.98	167.98	503.94
1620	16	2.0	92	203	12.5	10	132.02	132.02	132.02	396.08
1825	18	2.5	102	216	14	11.2	143.94	143.94	143.94	431.82
2025	20	2.5	102	229	14	11.2	176.16	176.16	176.16	528.45
2225	22	2.5	102	254	16	12.5	192.56	192.56	192.56	577.69
2430	24	3.0	115	254	18	14	254.49	254.49	254.49	763.49
2730	27	3.0	115	300	20	16	359.91	359.91	359.91	1079.71
3035	30	3.5	115	300	20	16	375.14	375.14	375.14	1125.41

CAPITAL

CUTTING TOOLS



MACHINE NUT TAPS - UNC HIGH SPEED STEEL - GROUND THREAD

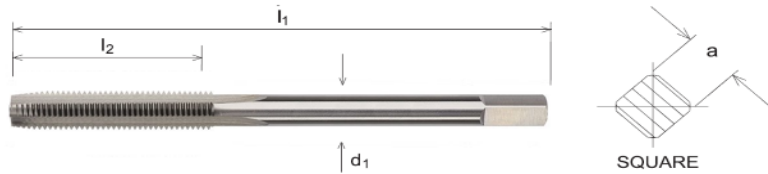
Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T201-4-	T201-5-	T201-6-	T201-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0832	8	32	25	95	2.55	2.8	47.46	47.46	47.46	142.38
1024	10	24	32	108	3.15	3.15	47.46	47.46	47.46	142.38
1224	12	24	36	115	3.15	3.15	51.27	51.27	51.27	153.80
2820	1/4	20	41	127	3.85	4	54.87	54.87	54.87	164.64
3018	5/16	18	46	140	4.5	5	54.87	54.87	54.87	164.64
3216	3/8	16	51	152	5.6	5.6	78.15	78.15	78.15	234.45
3414	7/16	14	60	165	5.6	5.6	104.04	104.04	104.04	312.13
3613	1/2	13	63	178	6.3	6.3	107.38	107.38	107.38	322.14
3812	9/16	12	70	190	7.1	7.1	115.78	115.78	115.78	347.34
4011	5/8	11	76	203	8	8	125.39	125.39	125.39	376.17
4410	3/4	10	83	229	9.6	7.1	140.89	140.89	140.89	422.68
4809	7/8	9	92	254	11.2	9	197.42	197.42	197.42	592.22
5208	1"	8	102	279	16	12.5	263.02	263.02	263.02	789.07

MACHINE NUT 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
							T221-4-	T221-5-	T221-6-	T221-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2828	1/4	28	41	127	3.85	4	53.81	53.81	53.81	161.43
3024	5/16	24	46	140	4.5	5	57.61	57.61	57.61	172.84
3224	3/8	24	51	152	5.6	5.6	82.05	82.05	82.05	246.14
3420	7/16	20	60	165	5.6	5.6	98.34	98.34	98.34	294.99
3620	1/2	20	63	178	6.3	6.3	112.75	112.75	112.75	338.24
3818	9/16	18	70	190	7.1	7.1	115.78	115.78	115.78	347.34
4018	5/8	18	76	203	8	8	125.39	125.39	125.39	376.17
4416	3/4	16	83	229	9.6	7.1	140.89	140.89	140.89	422.68
4814	7/8	14	92	254	11.2	9	196.49	196.49	196.49	592.22
5212	1"	12	102	279	16	12.5	263.02	263.02	263.02	789.07

CAPITAL

CUTTING TOOLS

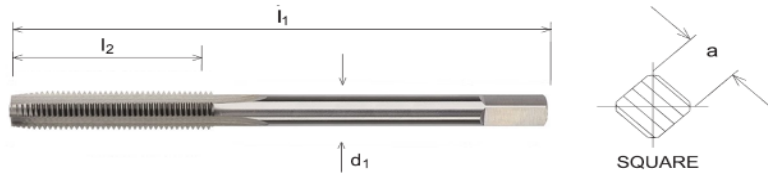


MACHINE NUT TAPS - BSW HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T301-4-	T301-5-	T301-6-	T301-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2440	1/8	40	28	104	3.3	3.3	48.15	48.15	48.15	144.46
2532	5/32	32	32	108	3.3	3.3	74.26	74.26	74.26	222.80
2624	3/16	24	32	108	3.3	3.3	48.15	48.15	48.15	144.46
2724	7/32	24	41	127	4.7	4	74.26	74.26	74.26	222.80
2820	1/4	20	41	127	4.7	4	53.11	53.11	53.11	159.30
3018	5/16	18	46	140	6	5	57.61	57.61	57.61	172.84
3216	3/8	16	50	152	7.5	6.3	82.05	82.05	82.05	246.14
3414	7/16	14	60	165	9	6.3	98.15	98.15	98.15	294.46
3612	1/2	12	63	178	9.5	7.1	112.75	112.75	112.75	338.24
3812	9/16	12	70	190	11.5	9	115.78	115.78	115.78	347.34
4011	5/8	11	76	203	13	10	119.41	119.41	119.41	358.26
4211	11/16	11	82	228	15	11.2	134.21	134.21	134.21	402.62
4410	3/4	10	82	228	15	11.2	134.21	134.21	134.21	402.62
4609	13/16	9	92	254	18	12.5	197.42	197.42	197.42	592.22
4809	7/8	9	92	254	18	12.5	197.42	197.42	197.42	592.22
5009	15/16	9	101	279	21	14	250.61	250.61	250.61	751.52
5208	1"	8	101	279	21	14	250.61	250.61	250.61	751.52

CAPITAL

CUTTING TOOLS

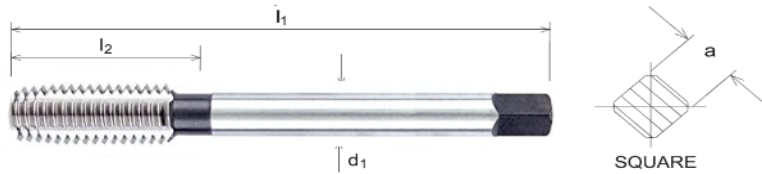


MACHINE NUT TAPS - BSF HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l ₂	l ₁	d ₁	a	Taper	Inter	Bottom	Set
							Code Prefix	Code Prefix	Code Prefix	Code Prefix
							T321-4-	T321-5-	T321-6-	T321-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2632	3/16	32	32	108	3.3	3.3	53.99	53.99	53.99	159.26
2826	1/4	26	41	127	4.7	4	58.73	58.73	58.73	176.17
3022	5/16	22	46	140	6	5	64.10	64.10	64.10	192.28
3220	3/8	20	50	152	7.5	6.3	85.64	85.64	85.64	256.91
3418	7/16	18	60	165	9	6.3	98.34	98.34	98.34	294.99
3616	1/2	16	63	178	9.5	7.1	112.75	112.75	112.75	338.24
3816	9/16	16	70	190	11.5	9	115.78	115.78	115.78	347.34
4014	5/8	14	76	203	13	10	125.39	125.39	125.39	376.17
4412	3/4	12	82	228	15	11.2	140.90	140.90	140.90	422.74
4811	7/8	11	92	254	18	12.5	197.42	197.42	197.42	592.22
5210	1"	10	101	279	21	14	263.02	263.02	263.02	789.07

CAPITAL

CUTTING TOOLS



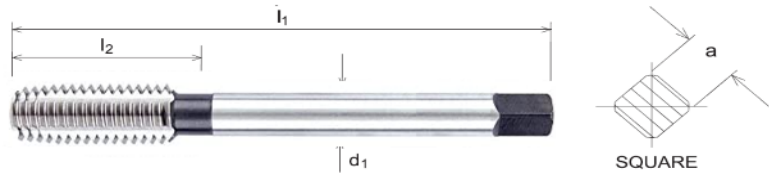
EXTENSION TAPS - METRIC

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
							T102-4-	T102-5-	T102-6-	T102-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
0508	5.0	0.8	24	87	5	4	62.84	62.84	62.84	188.52
0610	6.0	1.0	28.5	99	6.3	5	62.84	62.84	62.84	188.52
0710	7.0	1.0	28.5	99	7.1	5.6	62.84	62.84	62.84	188.52
0812	8.0	1.25	33	108	8	6.3	64.74	64.74	64.74	194.24
0912	9.0	1.25	33	108	9	7.1	93.30	93.30	93.30	279.92
1012	10	1.25	36	120	10	8	93.30	93.30	93.30	279.92
1015	10	1.5	36	120	10	8	93.30	93.30	93.30	279.92
1115	11	1.5	37.5	127	8	6.3	127.58	127.58	127.58	382.76
1217	12	1.75	43.5	133	9	7.1	127.58	127.58	127.58	382.76
1420	14	2.0	45	142	11.2	9	127.58	127.58	127.58	382.76
1620	16	2.0	48	153	12.5	10	140.90	140.90	140.90	422.74
1815	18	1.5	55.5	168	14	11.2	148.54	148.54	148.54	445.58
1825	18	2.5	55.5	168	14	11.2	148.54	148.54	148.54	445.58
2015	20	1.5	55.5	168	14	11.2	186.62	186.62	186.62	559.85
2020	20	2.0	55.5	168	14	11.2	186.62	186.62	186.62	559.85
2025	20	2.5	55.5	168	14	11.2	186.62	186.62	186.62	559.85
2225	22	2.5	57	177	16	12.5	203.74	203.74	203.74	611.26
2430	24	3.0	67.5	195	18	14	264.68	264.68	264.68	794.06
2730	27	3.0	67.5	202	20	16	336.48	336.48	336.48	1009.43
3035	30	3.5	72	207	20	16	354.97	354.97	354.97	1064.89
3335	33	3.5	76.5	226	22.4	18	423.38	423.38	423.38	1270.11
3640	36	4.0	85.5	243	25	20	460.35	460.35	460.35	1381.03
3940	39	4.0	90	255	28	22.4	532.45	532.45	532.45	1597.35
4245	42	4.5	90	255	28	22.4	582.37	582.37	582.37	1747.10
4545	45	4.5	100.5	280	31.5	25	549.09	549.09	549.09	1647.26
4850	48	5.0	100.5	280	31.5	25	811.88	811.88	811.88	2435.63

CAPITAL

CUTTING TOOLS



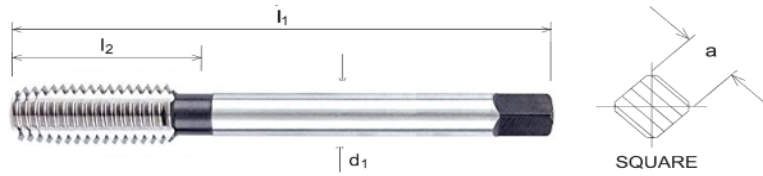
EXTENSION TAPS - UNC

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
							T202-4-	T202-5-	T202-6-	T202-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2820	1/4	20	28.5	99	6.3	5	60.94	60.94	60.94	182.80
3018	5/16	18	33	108	8	6.3	60.94	60.94	60.94	182.80
3216	3/8	16	36	120	10	8	83.80	83.80	83.80	251.37
3414	7/16	14	37.5	127.5	8	6.3	100.94	100.94	100.94	302.78
3613	1/2	13	43.5	133.5	9	7.1	112.34	112.34	112.34	337.04
3812	9/16	12	45	142.5	11.2	9	119.98	119.98	119.98	359.91
4011	5/8	11	48	153	12.5	10	127.58	127.58	127.58	382.76
4410	3/4	10	55.5	168	14	11.2	146.64	146.64	146.64	439.88
4809	7/8	9	57	177	16	12.5	207.58	207.58	207.58	622.69
5208	1"	8	67.5	195	18	14	255.13	255.13	255.13	765.39
5407	1.1/8	7	72	207	20	16	354.97	354.97	354.97	1064.89
5607	1.1/4	7	76.5	226	22.4	18	423.38	423.38	423.38	1270.11
5806	1.3/8	6	85.5	243	25	20	460.35	460.35	460.35	1381.03
6006	1.1/2	6	90	255	28	22.4	550.93	550.93	550.93	1652.81
6404	1.3/4	5	100	280	31.5	25	573.12	573.12	573.12	1719.35
6804	2"	4.1/2	105	300	35.5	28	841.20	841.20	841.20	2523.58

CAPITAL

CUTTING TOOLS



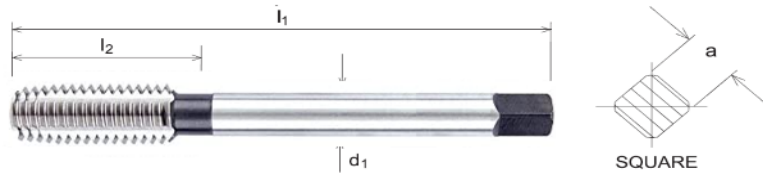
EXTENSION TAPS - UNF

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
							T222-4-	T222-5-	T222-6-	T222-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2828	1/4	28	28.5	99	6.3	5	55.24	55.24	55.24	165.68
3024	5/16	24	33	108	8	6.3	60.94	60.94	60.94	182.80
3224	3/8	24	36	120	10	8	83.80	83.80	83.80	251.37
3420	7/16	20	37.5	127.5	8	6.3	100.94	100.94	100.94	302.78
3620	1/2	20	43.5	133.5	9	7.1	97.13	97.13	97.13	337.04
3818	9/16	18	45	142.5	11.2	9	118.06	118.06	118.06	354.18
4018	5/8	18	48	153	12.5	10	127.58	127.58	127.58	382.76
4416	3/4	16	55.5	168	14	11.2	140.90	140.90	140.90	422.74
4814	7/8	14	57	177	16	12.5	199.94	199.94	199.94	599.84
5212	1"	12	67.5	195	18	14	256.97	256.97	256.97	770.93
5312	1.1/16	12	72	207	20	16	271.77	271.77	271.77	815.32
5412	1.1/8	12	72	207	20	16	301.34	301.34	301.34	904.53
5512	1.3/16	12	72	207	20	16	364.21	364.21	364.21	1092.63
5612	1.1/4	12	76.5	226	22.4	18	423.38	423.38	423.38	1270.11
5712	1.5/16	12	76.5	226	22.4	18	436.32	436.32	436.32	1308.94
5812	1.3/8	12	85.5	243	25	20	460.35	460.35	460.35	1381.03
5912	1.7/16	12	85.5	243	25	20	486.23	486.23	486.23	1458.69
6012	1.1/2	12	90	255	28	22.4	550.93	550.93	550.93	1652.81
6112	1.9/16	12	90	255	28	22.4	562.03	562.03	562.03	1686.09
6212	1.5/8	12	90	255	28	22.4	562.03	562.03	562.03	1686.09
6412	1.3/4	12	100	280	31.5	25	573.12	573.12	573.12	1719.35
6612	1.7/8	12	100	280	31.5	25	591.61	591.61	591.61	1774.83
6812	2"	12	105	300	35.5	28	841.20	841.20	841.20	2523.58

CAPITAL

CUTTING TOOLS



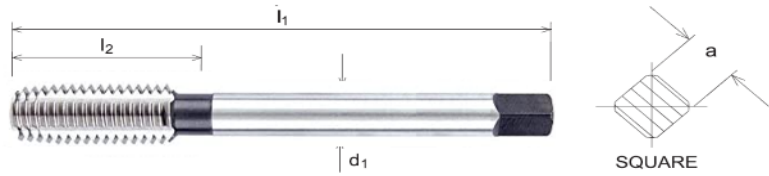
EXTENSION TAPS - BSW

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
							T302-4-	T302-5-	T302-6-	T302-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2820	1/4	20	28.5	99	6.3	5	55.24	55.24	55.24	165.68
3018	5/16	18	33	108	8	6.3	62.84	62.84	62.84	188.52
3216	3/8	16	36	120	10	8	83.80	83.80	83.80	251.37
3414	7/16	14	37.5	127	8	6.3	100.94	100.94	100.94	302.78
3612	1/2	12	43.5	133	9	7.1	119.98	119.98	119.98	359.91
3812	9/16	12	45	142	11.2	9	127.58	127.58	127.58	382.76
4011	5/8	11	48	153	12.5	10	131.40	131.40	131.40	394.18
4211	11/16	11	48	153	12.5	10	140.90	140.90	140.90	422.74
4410	3/4	10	55.5	168	14	11.2	235.44	235.44	235.44	706.31
4609	13/16	9	55.5	168	14	11.2	207.58	207.58	207.58	622.69
4809	7/8	9	57	177	16	12.5	207.58	207.58	207.58	622.69
5009	15/16	9	57	177	16	12.5	260.88	260.88	260.88	782.64
5208	1"	8	67.5	195	18	14	253.28	253.28	253.28	759.84
5407	1.1/8	7	72	207	20	16	301.34	301.34	301.34	904.05
5607	1.1/4	7	76.5	226	22.4	18	423.38	423.38	423.38	1270.10
5806	1.3/8	6	85.5	243	25	20	460.35	460.35	460.35	1381.03
6006	1.1/2	6	90	255	28	22.4	550.93	550.93	550.93	1652.81
6205	1.5/8	5	90	255	28	22.4	562.03	562.03	562.03	1686.09
6405	1.3/4	5	100	280	31.5	25	573.12	573.12	573.12	1719.35
6604	1.7/8	4	100	280	31.5	25	591.61	591.61	591.61	1774.83
6804	2"	4	105	300	35.5	28	841.20	841.20	841.20	2523.58

CAPITAL

CUTTING TOOLS



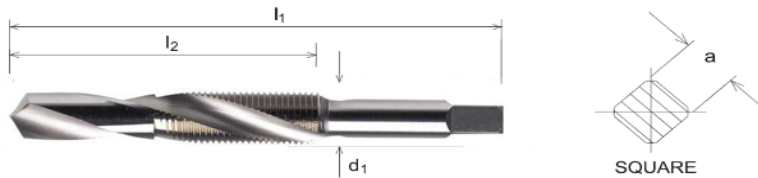
EXTENSION TAPS - BSF

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
							T322-4-	T322-5-	T322-6-	T322-3-
							\$ ea.	\$ ea.	\$ ea.	\$ ea.
2826	1/4	26	28.5	99	6.3	5	64.74	64.74	64.74	194.24
3022	5/16	22	33	108	8	6.3	68.56	68.56	68.56	205.66
3220	3/8	20	36	120	10	8	87.60	87.60	87.60	262.78
3418	7/16	18	37.5	127	8	6.3	100.94	100.94	100.94	302.78
3616	1/2	16	43.5	133	9	7.1	118.06	118.06	118.06	353.31
3816	9/16	16	45	142	11.2	9	121.88	121.88	121.88	365.62
4014	5/8	14	48	153	12.5	10	129.50	129.50	129.50	388.48
4214	11/16	14	51	160	12.5	10	140.90	140.90	140.90	422.74
4412	3/4	12	55.5	168	14	11.2	146.64	146.64	146.64	439.88
4612	13/16	12	57	177	16	12.5	203.74	203.74	203.74	611.26
4811	7/8	11	63	186	18	14	203.74	203.74	203.74	611.26
5210	1"	10	67.5	195	18	14	262.52	262.52	262.52	787.57
5409	1.1/8	9	72	207	20	16	308.75	308.75	308.75	926.25
5609	1.1/4	9	76.5	226	22.4	18	436.32	436.32	436.32	1308.94
5808	1.3/8	8	85	243	25	20	471.44	471.44	471.44	1414.32
6008	1.1/2	8	90	255	28	22.4	562.03	562.03	562.03	1686.09

CAPITAL

CUTTING TOOLS



COMBINATION DRILL AND TAP HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	\$ ea.
DT-0305	3.0	0.5	12	35	2.5	2.5	81.90
DT-0407	4.0	0.7	14	38	3.3	3.15	84.51
DT-0508	5.0	0.8	18	40	4.2	4	88.02
DT-0610	6.0	1.0	18	43	5	5	108.49
DT-0812	8.0	1.25	23	51	6.8	6.3	131.22
DT-1015	10	1.5	32	59	8.5	8	156.69
DT-1217	12	1.75	38	65	10.3	9.5	168.78

CAPITAL

CUTTING TOOLS



ACME TYPE TAPS

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T80-3606	1/2	6	60	108	10	7.1	336.48
T80-3608	1/2	8	60	108	10	7.1	336.48
T80-3610	1/2	10	60	108	10	7.1	336.48
T80-4005	5/8	5	80	140	13	10	388.23
T80-4006	5/8	6	80	140	13	10	388.23
T80-4008	5/8	8	80	140	13	10	388.23
T80-4010	5/8	10	80	140	13	10	388.23
T80-4404	3/4	4	96	165	15	11.2	447.40
T80-4405	3/4	5	96	165	15	11.2	447.40
T80-4406	3/4	6	96	165	15	11.2	447.40
T80-4408	3/4	8	96	165	15	11.2	447.40
T80-4410	3/4	10	96	165	15	11.2	447.40
T80-4804	7/8	4	108	184	18	12.5	502.87
T80-4806	7/8	6	108	184	18	12.5	502.87
T80-5204	1"	4	117	200	21	14	613.80
T80-5205	1"	5	117	200	21	14	613.80
T80-5206	1"	6	117	200	21	14	613.80
T80-5208	1"	8	117	200	21	14	613.80
T80-5405	1.1/8	5	123	212	21.5	16	673.89
T80-5604	1.1/4	4	133	228	22.4	18	733.97
T80-5605	1.1/4	5	133	228	22.4	18	733.97
T80-5606	1.1/4	6	133	228	22.4	18	733.97
T80-6004	1.1/2	4	145	240	24	20	853.20

CAPITAL

CUTTING TOOLS



ACME TYPE TAPS **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	TPI	l_2	l_1	d_1	a	\$ ea.
T81-3606	1/2	6	60	108	10	7.1	351.28
T81-3608	1/2	8	60	108	10	7.1	351.28
T81-3610	1/2	10	60	108	10	7.1	351.28
T81-4006	5/8	6	80	140	13	10	403.03
T81-4008	5/8	8	80	140	13	10	403.03
T81-4010	5/8	10	80	140	13	10	403.03
T81-4404	3/4	4	96	165	15	11.2	465.90
T81-4405	3/4	5	96	165	15	11.2	465.90
T81-4406	3/4	6	96	165	15	11.2	465.90
T81-4408	3/4	8	96	165	15	11.2	465.90
T81-4804	7/8	4	108	184	18	12.5	517.67
T81-4806	7/8	6	108	184	18	12.5	517.67
T81-5205	1"	5	117	200	21	14	628.60
T81-5206	1"	6	117	200	21	14	628.60
T81-5404	1.1/8	4	123	212	21.5	16	688.86
T81-5605	1.1/4	5	133	228	22.4	18	869.05
T81-6004	1.1/2	4	145	240	24	20	910.09

CAPITAL

CUTTING TOOLS



TRAPEZOIDAL TYPE TAPS - TRAPEZOIDAL

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	\$ ea.
T82-1015	10	1.5	60	108	10	8	314.29
T82-1020	10	2.0	60	108	10	8	314.29
T82-1030	10	3.0	60	108	10	8	314.29
T82-1120	11	2.0	60	108	10	8	325.04
T82-1130	11	3.0	60	108	10	8	325.04
T82-1220	12	2.0	60	108	10	8	336.48
T82-1230	12	3.0	60	108	10	8	336.48
T82-1430	14	3.0	70	124	11.2	9	364.21
T82-1440	14	4.0	70	124	11.2	9	364.21
T82-1620	16	2.0	80	140	12.5	10	397.49
T82-1630	16	3.0	80	140	12.5	10	397.49
T82-1640	16	4.0	80	140	12.5	10	397.49
T82-1830	18	2.0	88	152	14	11.2	465.90
T82-1820	18	3.0	88	152	14	11.2	465.90
T82-1840	18	4.0	88	152	14	11.2	465.90
T82-1925	19	2.5	88	152	14	11.2	483.89
T82-2020	20	2.0	96	165	14	11.2	502.87
T82-2030	20	3.0	96	165	14	11.2	502.87
T82-2040	20	4.0	96	165	14	11.2	502.87
T82-2250	22	5.0	108	184	16	12.5	534.29
T82-2430	24	3.0	117	200	18	14	626.74
T82-2450	24	4.0	117	200	18	14	626.74
T82-2450	24	5.0	117	200	18	14	626.74
T82-2550	25	5.0	117	200	18	14	670.38
T82-3060	30	6.0	133	228	20	16	715.47
T82-3660	36	6.0	146	254	25	20	770.03

CAPITAL

CUTTING TOOLS



TRAPEZOIDAL TYPE TAPS - TRAPEZOIDAL **LEFT HAND**

HIGH SPEED STEEL - GROUND THREAD

Code	Size	Pitch	l_2	l_1	d_1	a	\$ ea.
T83-1015	10	1.5	60	108	10	8	325.38
T83-1020	10	2.0	60	108	10	8	325.38
T83-1120	11	2.0	60	108	10	8	335.04
T83-1220	12	2.0	60	108	9	7.1	349.43
T83-1230	12	3.0	60	108	9	7.1	349.43
T83-1430	14	3.0	70	124	11.2	9	377.09
T83-1440	14	4.0	70	124	11.2	9	377.09
T83-1620	16	2.0	80	140	12.5	10	412.29
T83-1630	16	3.0	80	140	12.5	10	412.29
T83-1640	16	4.0	80	140	12.5	10	412.29
T83-1820	18	2.0	88	152	14	11.2	478.83
T83-1840	18	4.0	88	152	14	11.2	478.83
T83-1850	18	5.0	88	152	14	11.2	478.83
T83-2020	20	2.0	96	165	14	11.2	521.36
T83-2040	20	4.0	96	165	14	11.2	521.36
T83-2250	22	5.0	108	184	16	12.5	574.41
T83-2450	24	5.0	117	200	18	14	654.46