

Note

General use:

- Spiral point: pushes chips forward for through hole applications.
- Plug chamfer for general purpose applications.

Style 1694 are maintenance taps.

Style 0411 provided with H-limits.

Style **1694M, 0411M** (Metric) now combined with corresponding style below.



tap size TPI	series	tap size pitch	decimal equivalent	no. of flutes	overall length	thread length	order number		
							1694 Plug	0411 Plug	limit
0-80	UNF		.0600	2	1-11/16	3/8	—	C00775	H2
1-64	UNC		.0730	2	1-11/16	3/8	—	C00776	H2
1-72	UNF		.0730	2	1-11/16	3/8	—	C00777	H2
		M2 x 0.4	.0787	2	44	11	*C69205	C62172	D3
2-56	UNC		.0860	2	1-3/4	7/16	—	C00778	H2
2-64	UNF		.0860	2	1-3/4	7/16	—	C00779	H2
3-48	UNC		.0990	2	1-13/16	1/2	—	C00780	H2
3-56	UNF		.0990	2	1-13/16	1/2	—	C00781	H2
4-40	UNC		.1120	2	1-7/8	9/16	*C69191	C62151	H2
4-48	UNF		.1120	2	1-7/8	9/16	—	C00782	H2
		M3 x 0.5	.1181	2	49	16	*C69206	C62175	D3
5-40	UNC		.1250	2	1-15/16	5/8	*C69192	C62152	H2
6-32	UNC		.1380	2	2	11/16	—	C00783	H2
6-32	UNC		.1380	2	2	11/16	*C69193	C62153	H3
6-40	UNF		.1380	2	2	11/16	—	C00784	H2
		M4 x 0.7	.1575	2	54	19	*C69207	C62177	D4
8-32	UNC		.1640	2	2-1/8	3/4	—	C00785	H2
8-32	UNC		.1640	2	2-1/8	3/4	*C69194	C62154	H3
8-36	UNF		.1640	2	2-1/8	3/4	—	C00786	H2
10-24	UNC		.1900	2	2-3/8	7/8	—	C00787	H2
10-24	UNC		.1900	2	2-3/8	7/8	*C69195	C62155	H3
10-32	UNF		.1900	2	2-3/8	7/8	—	C00788	H2
10-32	UNF		.1900	2	2-3/8	7/8	*C69196	C62156	H3
		M5 x 0.8	.1969	2	60	22	*C69208	C62179	D4
12-24	UNC		.2160	2	2-3/8	15/16	*C69197	C62157	H3
12-28	UNF		.2160	2	2-3/8	15/16	—	C00789	H3
		M6 x 1	.2362	2	63.5	25.4	*C69209	C62180	D5
1/4-20	UNC		.2500	2	2-1/2	1	*C69198	C62158	H3
1/4-20	UNC		.2500	3	2-1/2	1	—	C00790	H3
1/4-20	UNC		.2500	3	2-1/2	1	—	C00791	H5
1/4-28	UNF		.2500	2	2-1/2	1	*C69199	C62159	H3
5/16-18	UNC		.3125	2	2-23/32	1-1/8	*C69200	C62160	H3
5/16-18	UNC		.3125	3	2-23/32	1-1/8	—	C00793	H3
5/16-18	UNC		.3125	3	2-23/32	1-1/8	—	C00794	H5
5/16-24	UNF		.3125	2	2-23/32	1-1/8	*C69201	C62161	H3
		M8 x 1.25	.3150	2	69	29	*C69210	C62183	D5
3/8-16	UNC		.3750	3	2-15/16	1-1/4	*C69202	C62162	H3
3/8-16	UNC		.3750	3	2-15/16	1-1/4	—	C00795	H5
3/8-24	UNF		.3750	3	2-15/16	1-1/4	*C69203	C62163	H3
		M10 x 1.5	.3937	3	75	31.75	*C69211	C62185	D6
7/16-14	UNC		.4375	3	3-5/32	1-7/16	—	C00796	H3
7/16-14	UNC		.4375	3	3-5/32	1-7/16	—	C00797	H5
7/16-20	UNF		.4375	3	3-5/32	1-7/16	—	C00798	H3
7/16-20	UNF		.4375	3	3-5/32	1-7/16	—	C00799	H5

*No H-limit

continued on next page

THREADING / DIES

Spiral Point Tap

Styles: **1694, 0411** (continued)

tap size TPI	series	tap size pitch	decimal equivalent	no. of flutes	overall length	thread length	order number		
							1694 Plug	0411 Plug	limit
		M12 x 1.75	.4724	3	86	42	*C69212	C62187	D6
1/2-13	UNC		.5000	3	3-3/8	1-21/32	*C69204	C62164	H3
1/2-13	UNC		.5000	3	3-3/8	1-21/32	—	C00800	H5
1/2-20	UNF		.5000	3	3-3/8	1-21/32	—	C00801	H3
5/8-11	UNC		.6250	3	3-13/16	1-13/16	—	C00802	H3
5/8-11	UNC		.6250	3	3-13/16	1-13/16	—	C00803	H5
5/8-18	UNF		.6250	3	3-13/16	1-13/16	—	C00804	H3
		M16 x 2	.6299	3	96	46	*C69213	C62191	D7
3/4-10	UNC		.7500	3	4-1/4	2	—	C00805	H3
3/4-10	UNC		.7500	3	4-1/4	2	—	C00806	H5
3/4-16	UNF		.7500	3	4-1/4	2	—	C00774	H3

*No H-limit

THREADING / DIES

Spiral Point Tap & Die Set

SET

See description below

Plastic Case

Note

Uses Cap Style #1383 and Guide style #1384
Uses Cleveland® Brand Tap Style #1011 unless noted otherwise.

set no.	number of cutting sizes	Tap: 0411 threading sizes	collet 055 number	wrench number	die stock 380 number	order number
448	7	M2.5 x 0.45, M3 x 0.5, M3.5 x 0.6, M4 x 0.7, M4.5 x 0.75, M5 x 0.8, M6 x 1.0				C00448
449	5	M6 x 1.0, M7 x 1.0, M8 x 1.25, M10 x 1.5, M12 x 1.75				C00449
5514	7	M6 x 1, M8 x 1.25, M10 x 1.5, M12 x 1.75, *M14 x 2, M16 x 2, *M18 x 2.5	5	#6	#5	C00614

*Uses Cleveland® Brand Tap Style #1002

Spiral Point Tap, Die, & Drill Set

SET

See description below

Plastic Case

set no.	number of cutting sizes	Tap: 0411 threading sizes	Drill: 1899 drill sizes (mm)	collet 055 number	wrench number	die stock 710 number	order number
451	5	M6 x 1.0, M7 x 1.0, M8 x 1.25, M10 x 1.5, M12 x 1.75	5.0, 6.0, 6.7, 8.5, 10.2	—	—		C00451