

CHAMPION

Carbon Steel Hand Taps

List No. 302

List No. 302M

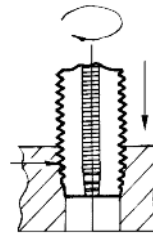
Metric Hand Taps
Plug Style

Description/Application: For hand tapping in maintenance and repair work and for re-threading applications where extreme thread accuracy and tolerance is not critical.



EDP No./ Size	No. of Flutes	Length of Thread	Overall Length
302-4-40	3	9/16	1-7/8
302-4-48	3	9/16	1-7/8
302-5-40	3	5/8	1-15/16
302-5-44	3	5/8	1-15/16
302-6-32	3	11/16	2
302-6-40	3	11/16	2
302-8-32	4	3/4	2-1/8
302-8-36	4	3/4	2-1/8
302-10-24	4	7/8	2-3/8
302-10-32	4	7/8	2-3/8
302-12-24	4	15/16	2-3/8
302-12-28	4	15/16	2-3/8
302-1/4-20	4	1	2-1/2
302-1/4-28	4	1	2-1/2
302-5/16-18	4	1-1/8	2-23/32
302-5/16-24	4	1-1/8	2-23/32
302-3/8-16	4	1-1/4	2-15/16
302-3/8-24	4	1-1/4	2-15/16
302-7/16-14	4	1-7/16	3-5/32
302-7/16-20	4	1-7/16	3-5/32
302-1/2-13	4	1-21/32	3-3/8
302-1/2-20	4	1-21/32	3-3/8
302-9/16-12	4	1-21/32	3-19/32
302-9/16-18	4	1-21/32	3-19/32
302-5/8-11	4	1-13/16	3-13/16
302-5/8-18	4	1-13/16	3-13/16
302-3/4-10	4	2	4-1/4
302-3/4-16	4	2	4-1/4
302-7/8-9	4	2-7/32	4-11/16
302-7/8-14	4	2-7/32	4-11/16
302-1-8	4	2-1/2	5-1/8
302-1-12	4	2-1/2	5-1/8
302-1-14	4	2-1/2	5-1/8
302-1-1/8-7	4	2-9/16	5-7/16
302-1-1/8-12	4	2-9/16	5-7/16
302-1-1/4-7	4	2-9/16	5-3/4
302-1-1/4-12	6	2-9/16	5-3/4
302-1-3/8-6	4	3	6-1/16
302-1-3/8-12	6	3	6-1/16
302-1-1/2-6	4	3	6-3/8
302-1-1/2-12	6	3	6-3/8

Please specify T (taper), P (plug), B (bottom) or S (set) when ordering. If not specified then plug style will be supplied.



Taper taps

Distribute the cutting load across 7–10 threads. Used for starting a threaded hole.



Plug taps

Most commonly used, distribute the load across 3–5 threads of chamfer.



Bottoming taps

Have only 1 to 1-1/2 threads of chamfer and are used to tap to the bottom of a blind hole.

EDP No. / Size	No. of Flutes	Length of Thread	Overall Length
302M-3X.5-P	3	5/8	1-5/16
302M-3X.6-P	3	5/8	1-5/16
302M-4X.7-P	4	3/4	2-1/8
302M-4X.75-P	4	3/4	2-1/8
302M-5X.8-P	4	15/16	2-3/8
302M-5X.9-P	4	15/16	2-3/8
302M-6X1-P	4	1	2-1/2
302M-7X1-P	4	1-1/8	2-1/2
302M-8X1.25-P	4	1-1/8	2-23/32
302M-9X1-P	4	1-1/4	2-7/8
302M-9X1.25-P	4	1-1/4	2-7/8
302M-10X1.25-P	4	1-1/4	2-15/16
302M-10X1.5-P	4	1-1/4	2-15/16
302M-11X1.5-P	4	1-7/16	3-5/32
302M-12X1.5-P	4	1-21/32	3-3/8
302M-12X1.75-P	4	1-21/32	3-3/8
302M-14X1.25-P	4	1-21/32	3-21/32
302M-14X2-P	4	1-21/32	3-21/32
302M-16X1.5-P	4	1-13/16	3-13/16
302M-16X2-P	4	1-13/16	3-13/16
302M-18X1.5-P	4	1-13/16	4-1/32
302M-18X2.5-P	4	1-13/16	4-1/32

List 302M is only available in plug style.