

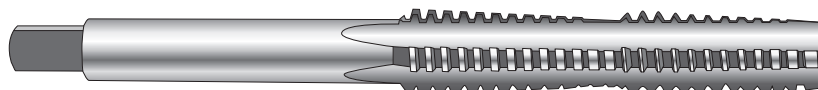
HIGH SPEED STEEL TANDEM "ACME" THREAD TAPS

ICS USA

SPECIAL PURPOSE

GROUND THREAD

ROUGHING AND FINISHING



CLASS 2G FIT

High Speed Steel Tandem Acme Thread Taps are designed with a roughing and finishing section to produce threads from a 10° to 30° included angle in a single pass without a leadscrew. The last few threads on the roughing section act as a guide for the finishing section, which corrects the thread angles and size. The original purpose of Acme threads was to convert rotary motion to traversing motion on machine leadscrews, valves, jack lift screws, drive gears and other mechanisms where heavy loads are encountered. They have four flutes and are to be used for through holes only. Designed to produce a class 2G thread fit.

Right Hand Thread Sizes (3/8" to 2" Dia.)

THREAD SIZE	THREAD LENGTH	OVERALL LENGTH	ITEM NO.
3/8 - 12	2-1/2	5	TAT024-12
1/2 - 10	2-9/16	5	TAT032-10
5/8 - 8	3-3/16	6-1/4	TAT040-08
3/4 - 6	4-5/16	7-15/16	TAT048-06
3/4 - 8	4-15/16	7-15/16	TAT048-08
7/8 - 6	4-3/8	8-5/8	TAT056-06

THREAD SIZE	THREAD LENGTH	OVERALL LENGTH	ITEM NO.
1 - 5	5-1/4	10-1/8	TAT100-05
1-1/8 - 5	5-1/4	10-3/4	TAT108-05
1-1/4 - 5	5-1/4	11-1/8	TAT116-05
1-3/8 - 4	5-7/8	12-1/4	TAT124-04
1-1/2 - 4	5-7/8	12-5/8	TAT132-04
2 - 4	6-1/2	14-7/8	TAT200-04

Left Hand Thread Sizes (3/8" to 2" Dia.)

THREAD SIZE	THREAD LENGTH	OVERALL LENGTH	ITEM NO.
3/8 - 12	2-1/2	5	TATL024-12
1/2 - 10	2-9/16	5	TATL032-10
5/8 - 8	3-3/16	6-1/4	TATL040-08
3/4 - 6	4-5/16	7-15/16	TATL048-06
3/4 - 8	4-15/16	7-15/16	TATL048-08
7/8 - 6	4-3/8	8-5/8	TATL056-06

THREAD SIZE	THREAD LENGTH	OVERALL LENGTH	ITEM NO.
1 - 5	5-1/4	10-1/8	TATL100-05
1-1/8 - 5	5-1/4	10-3/4	TATL108-05
1-1/4 - 5	5-1/4	11-1/8	TATL116-05
1-3/8 - 4	5-7/8	12-1/4	TATL124-04
1-1/2 - 4	5-7/8	12-5/8	TATL132-04
2 - 4	6-1/2	14-7/8	TATL200-04

- Acme Hexagon Rethreading Dies are also available.