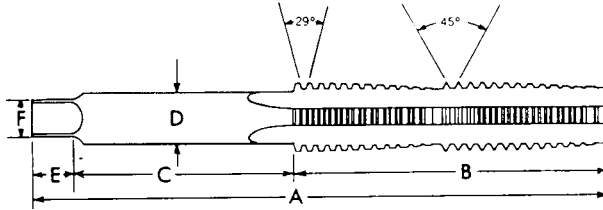


# SPECIAL TAPS ENGINEERING DATA

## TANDEM ACME TAP DIMENSIONS



SIZE & PITCH	A OVERALL LENGTH	B LENGTH THREAD END	ROUND SHANK		SQUARE		MAXIMUM DEPTH OF NUT	
			C LENGTH	D DIA.	E LENGTH	F ACROSS FLATS	BRONZE & STEEL	BRASS & CAST IRON
1/4-16	3"	1 3/4	1"	.185	1/4	.138	1/2	3/4
5/16-14	3 13/32	1 7/8	1 1/4	.220	9/32	.165	5/8	7/8
3/8-12	4 1/16	2 1/8	1 5/8	.255	5/16	.191	5/8	1"
1/2-10	5"	2 9/16	2"	.367	7/16	.275	1"	1 1/2
5/8-8	6 1/4	3 3/16	2 1/2	.480	9/16	.360	1 1/4	1 7/8
3/4-6	7 15/16	4 5/16	3"	.542	5/8	.406	1 1/2	2 1/4
7/8-6	8 5/8	4 3/8	3 1/2	.697	3/4	.523	1 3/4	2 5/8
1"-5	10 1/8	5 1/4	4"	.697	3/4	.523	2"	3"
1 1/8-5	10 3/4	5 1/4	4 1/2	.800	13/16	.600	2 1/4	3 3/8
1 1/4-5	11 1/8	5 1/4	4 3/4	.896	7/8	.672	2 1/2	3 3/4
1 3/8-4	12 1/4	5 7/8	5 1/8	1.108	1 1/4	.831	2 3/4	4 1/8
1 1/2-4	12 5/8	5 7/8	5 1/2	1.233	1 1/4	.925	3"	4 1/2
1 3/4-4	13 3/8	5 7/8	6 1/4	1.430	1 1/4	1.072	3 1/2	5"
2"-4	14 7/8	6 1/2	7	1.644	1 3/8	1.233	4"	6"

## ROUND ADJUSTABLE DIES DEFINITIONS AND ILLUSTRATIONS

**Die Thickness Chart**

O.D.(inch)	O.D.(mm)	Thickness
13/16	20.6 mm	1/4
1"	25.4 mm	3/8
1-1/2	38.1 mm	1/2
2"	50.8 mm	5/8
2-1/2	63.5 mm	3/4
3"	76.2 mm	1"
(10 pitch & coarser)		
3"	76.2 mm	3/4
(11 pitch & finer)		

