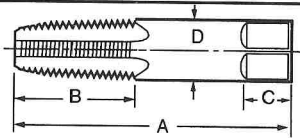
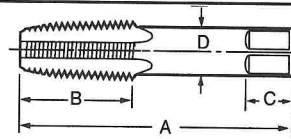


STANDARD PIPE TAP DIMENSIONS, STRAIGHT AND TAPER, GROUND THREAD



General
Dimensions



NOMINAL SIZE INCHES	DIMENSIONS - INCHES				
	LENGTH OVERALL A	LENGTH OF THREAD B	LENGTH OF SQUARE C	DIAMETER OF SHANK D	SIZE OF SQUARE E
1/16	2-1/8	11/16	3/8	.3125	.234
1/8 Small Shank	2-1/8	3/4	3/8	.3125	.234
1/8 Large Shank	2-1/8	3/4	3/8	.4375	.328
1/4	2-7/16	1-1/16	7/16	.5625	.421
3/8	2-9/16	1-1/16	1/2	.7000	.531
1/2	3-1/8	1-3/8	5/8	.6875	.515
3/4	3-1/4	1-3/8	11/16	.9063	.679
1	3-3/4	1-3/4	13/16	1.1250	.843
1-1/4	4	1-3/4	15/16	1.3125	.984
1-1/2	4-1/4	1-3/4	1	1.5000	1.125
2	4-1/2	1-3/4	1-1/8	1.8750	1.406
2-1/2	5-1/2	2-9/16	1-1/4	2.2500	1.687
3	6	2-5/8	1-3/8	2.6250	1.968
3-1/2	6-1/2	2-11/16	1-1/2	2.8125	2.108
4	6-3/4	2-3/4	1-5/8	3.0000	2.250

TAPER PIPE TAPS THREAD LIMITS THREAD LIMITS

NOMINAL SIZE INCHES	THREADS PER INCH NPT	STANDARD PROJECTION NPT & NPTF			P.T.F. S.A.E. SHORT PROJECTION		
		PROJECTION THROUGH L ₁ RING GAGE	THICKNESS OF L ₁ RING GAGE	RUN OF THREAD	PROJECTION THROUGH L ₁ RING GAGE	THICKNESS OF L ₁ RING GAGE	RUN OF THREAD
1/16	27	.312	.160	.472	.2405±.019	.160	.4005
1/8	27	.312	.1615	.4735	.2405±.019	.1615	.4020
1/4	18	.459	.2278	.6868	.3610±.028	.2278	.5888
3/8	18	.454	.240	.694	.3610±.028	.240	.6010
1/2	14	.579	.320	.899	.4645±.036	.320	.7845
3/4	14	.565	.339	.904	.4645±.036	.339	.8035
1	11-1/2	.678	.400	1.078	.5652±.044	.400	.9652
1-1/4	11-1/2	.686	.420	1.106	.5652±.044	.420	.9852
1-1/2	11-1/2	.699	.420	1.119	.5652±.044	.420	.9852
2	11-1/2	.667	.436	1.103	.5652±.044	.436	1.0012
2-1/2	8	.925	.682	1.607	.8125±.062	.682	1.4945
3	8	.925	.766	1.691	.8125±.062	.766	1.5785
3-1/2	8	.938	.821	1.759			
4	8	.950	.844	1.794			

Projection & Thickness L₁ Ring Gage = Run
Gage Measurement in Inches