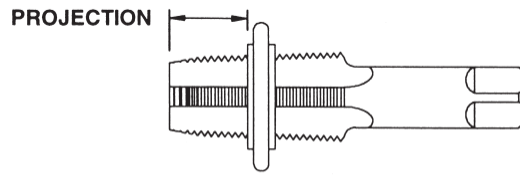


TABLES FOR TAP DIMENSIONS

TABLE 338 • TAPER PIPE TAP, THREAD LIMITS, GROUND THREAD (REF. USCTI TABLE 338)



- American National Standard Taper Pipe Thread Form (NPT)
- Aeronautical National Taper Pipe Thread Form (ANPT)
- Dryseal American National Standard Taper Pipe Thread Form (NPTF)

THREAD TAP LIMITS						L <sub>1</sub> LENGTH
NOMINAL SIZE INCHES	THREADS PER INCH	PROJECTION* INCHES	PROJECTION TOLERANCE + OR -	TAPER PER FOOT LIMITS		
				MINIMUM	MAXIMUM	
1/16	27	.312	.063	.719	.781	.160
1/8	27	.312	.063	.719	.781	.1615
1/4	18	.459	.063	.719	.781	.2278
3/8	18	.454	.063	.719	.781	.240
1/2	14	.579	.063	.719	.781	.320
3/4	14	.565	.063	.719	.781	.339
1"	11-1/2	.678	.094	.719	.781	.400
1-1/4	11-1/2	.686	.094	.719	.781	.420
1-1/2	11-1/2	.699	.094	.719	.781	.420
2"	11-1/2	.667	.094	.719	.781	.436
2-1/2	8	.925	.094	.734	.781	.682
3"	8	.925	.094	.734	.781	.766
3-1/2	8	.938	.125	.734	.781	.821
4	8	.950	.125	.734	.781	.844

NOTES

- \* Distance small end of tap projects through L<sub>1</sub> Taper Thread Ring Gage.  
See page 114 for pipe tap drill sizes.

LEAD TOLERANCE

A maximum lead deviation of plus or minus .0005" within any two threads not farther than 1" is permitted.