



Thread Dimensions

Nominal Dimensions of Standard Threads

ODM -- Outside Diameter of the Male

IDF -- Inside Diameter of the Female

TPI -- Threads Per Inch

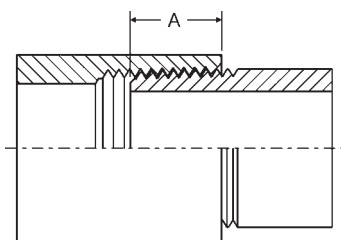
Size	Pipe O.D.	Tapered Threads		Acme 3A		
		NPT	BSPT _r	TPI	ODM (max)	IDF (min)
		TPI	TPI			
1/8"	.405	27	28			
1/4"	.504	18	19			
3/8"	.675	18	19			
1/2"	.840	14	14			
3/4"	1.050	14	14			
1"	1.315	11.5	11	8	1.462	1.352
1-1/4"	1.660	11.5	11			
1-1/2"	1.900	11.5	11	8	1.994	1.884
2"	2.375	11.5	11	8	2.526	2.416
2-1/2"	2.875	8	11	8	3.058	2.948
3"	3.500	8	11	8	3.590	3.480
4"	4.500	8	11	6	4.695	4.544
5"	5.563	8	11			
6"	6.625	8	11			
8"	8.625	8				
10"	10.750	8				
12"	12.750	8				

GHT (3/4") -- 1.0625 ODM, 11-1/2 TPI

NPT = National Pipe Taper

BS = British Standard

Normal Engagement Length of NPT Thread in Inches ("A") *



* Dimensions given do not allow for variations in tapping or threading.

Thread Size	"A"	Thread Size	"A"
1/8"	1/4"	2-1/2"	15/16"
1/4"	3/8"	3"	1"
3/8"	3/8"	4"	1-1/8"
1/2"	1/2"	5"	1-1/4"
3/4"	9/16"	6"	1-5/16"
1"	11/16"	8"	1-7/16"
1-1/4"	11/16"	10"	1-5/8"
1-1/2"	11/16"	12"	1-3/4"
2"	3/4"		

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