



Thread Dimensions

Nominal Dimensions of Standard Threads

ODM -- Outside Diameter of the Male

IDF -- Inside Diameter of the Female

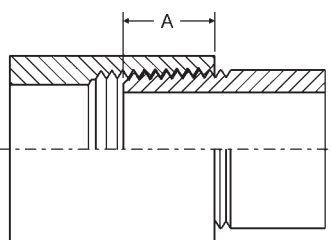
TPI -- Threads Per Inch

Size	Pipe O.D.	Tapered Threads		Straight Threads												
		NPT	BSPT _r	NPSH			NPSM			NST (NH)			BSPP			
		TPI	TPI	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	
1/8"	.405	27	28				27	0.397	0.358						0.383	0.337
1/4"	.540	18	19				18	0.526	0.468						0.516	0.450
3/8"	.675	18	19				18	0.662	0.603						0.656	0.588
1/2"	.840	14	14	14	0.8248	0.7395	14	0.823	0.747						0.825	0.733
3/4"	1.050	14	14	14	1.0353	0.9500	14	1.034	0.958	8	1.375	1.2246			1.041	0.950
1"	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8	1.375	1.2246	11		1.309	1.193
1-1/4"	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546				11		1.650	1.534
1-1/2"	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9	1.990	1.8577			1.882	1.766
2"	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259				11		2.347	2.231
2-1/2"	2.875	8	11	8	2.8434	2.6930	8	2.841	2.708	7.5	3.068	2.9104	11		2.960	2.844
3"	3.500	8	11				8	3.467	3.334	6	3.623	3.5306	11		3.460	3.344
4"	4.500	8	11				8	4.466	4.333	4	5.010	4.7111			4.450	4.334
4-1/2"										4	5.760	5.4611	11			
5"	5.563	8	11				8	5.528	5.395	4	6.260	5.9602	11		5.450	5.359
6"	6.625	8	11				8	6.585	6.452	4	7.025	6.7252			6.450	6.359
8"	8.625	8														
10"	10.750	8														
12"	12.750	8														

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

Note: Female NPT (Tapered Pipe) thread is not available on hose swivel nuts.

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"		