



CONNECTING THREADS



BSP (British Standard Pipe)

Nominal Size	TPI (Threads per Inch)	Parallel	Approximate Taper	
		Actual O.D.	Min Diameter	Max Diameter
1/8"	28	0.377	0.337	0.406
1/4"	19	0.511	0.451	0.531
3/8"	19	0.648	0.598	0.687
1/2"	14	0.814	0.734	0.843
3/4"	14	1.03	0.95	1.062
1"	11	1.295	1.193	1.343

NPS/NPT (National Pipe Straight / Taper)

Nominal Size	TPI (Threads per Inch)	Parallel	Approximate Taper	
		Actual O.D.	Min Diameter	Max Diameter
1/8"	27	0.405	0.393	0.405
1/4"	18	0.54	0.522	0.54
3/8"	18	0.675	0.656	0.675
1/2"	14	0.84	0.816	0.84
3/4"	14	1.05	1.025	1.05
1"	11.5	1.315	1.283	1.315

UNF (Unified National Fine)

Nominal Size	TPI (Threads per Inch)	Major Diameter	Pitch
1/4"	20	0.25	1.27
5/16"	18	0.313	1.411
3/8"	16	0.375	1.587
7/16"	14	0.438	1.814
1/2"	13	0.50	1.954
9/16"	12	0.563	2.117
5/8"	11	0.625	2.309
3/4"	10	0.75	2.54
7/8"	9	0.875	2.822