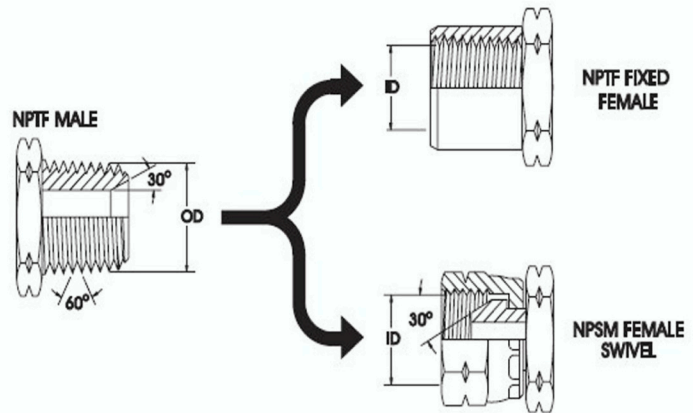


National Pipe threads are similar in function to BSP threads, but are not generally interchangeable.

NPTF threads (also known as Dryseal) are an improvement to NPT.

Controlled truncation of threads mean the metal-to-metal thread seal is at root and crest of threads, in addition to flanks of threads.

Use of thread sealant is recommended for NPT male and NPT female connection.



Measure NPT male thread OD and NPT female thread ID at first full thread near end of fitting.

NPT THREADS DIMENSIONS

NPT THREAD SIZE & PITCH	DASH SIZE	MALE THREAD MINOR OD		FEMALE THREAD ID	
		MM	INCH	MM	INCH
1/8 - 27	-02	9,9	0.39	8,4	0.33
1/4 - 18	-04	13,2	0.52	11,2	0.44
3/8 - 18	-06	16,6	0.65	14,7	0.58
1/2 - 14	-08	20,6	0.81	17,8	0.70
3/4 - 14	-12	26,0	1.02	23,4	0.92
1 - 11 ½	-16	32,5	1.28	29,5	1.16
1 ¼ - 11 ½	-20	41,2	1.62	38,1	1.50
1 ½ - 11 ½	-24	47,3	1.86	43,9	1.73
2 - 11 ½	-32	59,3	2.33	56,4	2.22
2 ½ - 8	-40	71,5	2.82	69,1	2.72
3 - 8	-48	87,3	3.44	84,8	3.34

NPSM THREADS DIMENSIONS

NPSM THREAD SIZE	DASH SIZE	FEMALE THREAD ID	
		MM	INCH
1/8 - 27	-02	8,6	0.34
1/4 - 18	-04	11,9	0.47
3/8 - 18	-06	15,0	0.59
1/2 - 14	-08	19,1	0.75
3/4 - 14	-12	24,6	0.97
1 - 11 ½	-16	30,5	1.20
1 ¼ - 11 ½	-20	39,4	1.55
1 ½ - 11 ½	-24	45,5	1.79
2 - 11 ½	-32	57,4	2.26
2 ½ - 8	-40	68,8	2.71
3 - 8	-48	84,6	3.33