

National Pipe, British Pipe, and SAE Thread Configurations

Sizes		National Pipe Thread		SAE 37" and O-Ring Boss		Imperial Compression		O-Ring Face Seal		SAE 45" Flare / J512		Inverted Flare / J512		British Pipe Thread	
Dash Size	Inch Size	NPTF Pipe	Threads Per Inch	SAE Thread	Threads Per Inch	ERMETO Flareless	Threads Per Inch	OFS Thread	Threads Per Inch	SAE 45" Thread	Threads Per Inch	Inverted Flare	Threads Per Inch	BSP British	Threads Per Inch
-2	1/8	1/8	27	5/16	24	5/16	24			5/16	24	5/16	28	1/8	28
-3	3/16			3/8	24	3/8	24			3/8	24	3/8	24		
-4	1/4	1/4	18	7/16	20	7/16	20	9/16	18	7/16	20	7/16	24	1/4	19
-5	5/16			1/2	20	1/2	20			1/2	20	1/2	20		
-6	3/8	3/8	18	9/16	18	9/16	18	11/16	16	5/8	18	5/8	18	3/8	19
-7	7/16									11/16	16	11/16	18		
-8	1/2	1/2	14	3/4	16	3/4	16	1 3/16	16	3/4	16	3/4	18	1/2	14
-10	5/8			7/8	14	7/8	14	1	14	7/8	14	7/8	18		
-12	3/4	3/4	14	1 1/16	12	1 1/16	12	1 3/16	12	1 1/16	14	1 1/16	16	3/4	14
-14	7/8			1 3/16	12	1 3/16	12			1 1/4	12	1 3/16	16		
-16	1	1	11 1/2	1 5/16	12	1 5/16	12	1 5/16	12	1 3/8	12	1 5/16	16	1	11
-20	1 1/4	1 1/4	11 1/2	1 5/8	12	1 5/8	12	1 11/16	12					1 1/4	11
-24	1 1/2	1 1/2	11 1/2	1 7/8	12	1 7/8	12	2	12					1 1/2	11
-32	2	2	11 1/2	2 1/2	12	2 1/2	12							2	11
-40	2 1/2	2 1/2		3	12	3	12								
-48	3	3		3 1/2	12	3 1/2	12								

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LL German Super Light		L German Light		S German Heavy		French	
Tube	Thread	Tube	Thread	Tube	Thread	Tube	Thread
4MM	M8 x 1.0	6MM	M12 X 1.5	6MM	M14 x 1.5	12MM	M18 x 1.5
5MM	M10 x 1.0	8MM	M14 X 1.5	8MM	M16 x 1.5	13.25MM	M20 x 1.5
6MM	M10 x 1.0	10MM	M16 X 1.5	10MM	M18 x 1.5	16.75MM	M24 x 1.5
8MM	M12 x 1.0	12MM	M18 X 1.5	12MM	M20 x 1.5	21.25MM	M30 x 1.5
10MM	M14 x 1.0	15MM	M22 X 1.5	14MM	M22 x 1.5	26.75MM	M36 x 1.5
12MM	M16 x 1.0	18MM	M26 X 1.5	16MM	M24 x 1.5	33.50MM	M45 x 1.5
		22MM	M30 X 2.0	20MM	M30 x 2.0		
		28MM	M36 X 2.0	25MM	M36 x 2.0		
		35MM	M42 X 2.0	30MM	M42 x 2.0		
		42MM	M52 X 2.0	38MM	M52 x 2.0		