

# THREAD CHARTS • JIC – SAE • Metric/International

Dash Size	2	3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1¼	1½	2	2½	3
Hose I.D.	1/8	3/16	1/4	5/16	3/8		1/2	5/8	3/4		1	1¼	1½	2	2½	3
JIC 37-Flare Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18		3/4 - 16	7/8 - 14	1 <sup>1</sup> / <sub>16</sub> - 12	1 <sup>3</sup> / <sub>16</sub> - 12	1 <sup>5</sup> / <sub>16</sub> - 12	1 <sup>5</sup> / <sub>8</sub> - 12	1 <sup>7</sup> / <sub>8</sub> - 12	2½ - 12	3 - 12	3½ - 12
SAE O-Ring Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18		3/4 - 16	7/8 - 14	1 <sup>1</sup> / <sub>16</sub> - 12	1 <sup>3</sup> / <sub>16</sub> - 12	1 <sup>5</sup> / <sub>16</sub> - 12	1 <sup>5</sup> / <sub>8</sub> - 12	1 <sup>7</sup> / <sub>8</sub> - 12	2½ - 12		
NPTF Pipe Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11½	1¼ - 11½	1½ - 11½	2 - 11½	2½ - 8	3-8
NPSM Swivel Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11½	1¼ - 11½	1½ - 11½	2 - 11½		
Flat Face Thread			9/16 - 18		11/16 - 16		13/16 - 16	1 - 14	1 <sup>3</sup> / <sub>18</sub> - 12		1 <sup>7</sup> / <sub>16</sub> - 12	1 <sup>11</sup> / <sub>16</sub> - 12	2 - 12			
Code 61 Flange Head O.D.							1.19		1.50		1.75	2.00	2.38	2.81	3.31	4.00
Code 62 Flange Head O.D.							1.25		1.62		1.88	2.12	2.50	3.12		
British Thread BSPP/BSPT	1/8 - 28		1/4 - 19		3/8 - 19		1/2 - 14		3/4 - 14		1 - 11	1¼ - 11	1½ - 11			
Copper Nylon Air																
Brake Thread			7/16 - 24		17/32 - 24		11/16 - 20	13/16 - 18	1 - 18							
SAE 45-Flare Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	5/8 - 18	11/16 - 24	3/4 - 16	7/8 - 14	1 <sup>1</sup> / <sub>16</sub> - 14							
Inverted Flare Thread	5/16 - 28	3/8 - 24	7/16 - 24	1/2 - 20	5/8 - 18	11/16 - 18	3/4 - 18	7/8 - 18	1 <sup>1</sup> / <sub>16</sub> - 16							
Compression Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18	3/4 - 16	1-1 1/1 - 12	1 <sup>5</sup> / <sub>16</sub> - 12	1 <sup>5</sup> / <sub>16</sub> - 12	1 <sup>7</sup> / <sub>8</sub> - 12	2½ - 12					
Metric Thread	10	12	14	16	18	20	22	24	26	27	30	33	36	42	48	
	M 10x1.0	M 12x1.5	M 14x1.5	M 16x1.5	M 18x1.5	M 20x1.5	M 22x1.5	M 24x1.5	M 26x1.5	M 27x2.0	M 30x2.0	M 33x2.0	M 36x2.0	M 42x2.0	M 48x2.0	