

# THREAD CHARTS • JIC – SAE • Metric / International

## JIC 37° Flare Thread

Dash	2	3	4	5	6	8	10	12	14	16	20	24	32	40	48
Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12	3-12	3 1/2-12

## SAE O-Ring Thread

Dash	2	3	4	5	6	8	10	12	14	16	20	24
Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12

## Pipe Threads (NPTF / NPSM)

Type	2	4	6	8	12	16	20	24	32	40	48
NPTF	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	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11½	1¼-11½	1½-11½	2-11½		

## SAE 45° / Inverted Flare / Compression

Type	2	3	4	5	6	7	8	10	12	14	16
SAE 45°	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 1/16-14		
Inverted	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 1/16-16		
Compression	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	1 1/16-12	1 5/16-12	1 7/8-12	2 1/2-12

## Flange O.D. (Code 61 / Code 62)

Dash	8	12	16	20	24	32	40	48
Code 61	1.19	1.50	1.75	2.00	2.38	2.81	3.31	4.00
Code 62	1.25	1.62	1.88	2.12	2.50	3.12		

## Metric Thread

Size	10	12	14	16	18	20	22	24	26	27	30	33	36	42	48
Thread	M10×1.0	M12×1.5	M14×1.5	M16×1.5	M18×1.5	M20×1.5	M22×1.5	M24×1.5	M26×1.5	M27×2.0	M30×2.0	M33×2.0	M36×2.0	M42×2.0	M48×2.0