

Standard Threads and Widths Across Flats for Fittings with Male Threaded Stud

Series	Tube OD (mm) D1	Male Stud		Male Stud		Union Nut	
		Metric Parallel Thread Thread Size	Width Across Flats	Whitworth Parallel Pipe Thread Thread Size	Width Across Flats	Metric Parallel Thread Thread Size	Width Across Flats
L	6	M 10 x 1	14	G 1/8	14	M 12 x 1,5	14
	.24		.55		.55		.55
	8	M 12 x 1,5	17	G 1/4	19	M 14 x 1,5	17
	.31		.67		.75		.67
	10	M 14 x 1,5	19	G 1/4	19	M 16 x 1,5	19
	.39		.75		.75		.75
	12	M 16 x 1,5	22	G 3/8	22	M 18 x 1,5	22
	.47		.87		.87		.87
	15	M 18 x 1,5	24	G 1/2	27	M 22 x 1,5	27
	.59		.94		1.06		1.06
	18	M 22 x 1,5	27	G 1/2	27	M 26 x 1,5	32
	.71		1.06		1.06		1.26
	22	M 26 x 1,5 ²	32	G 3/4	32	M 30 x 2	36
	.87		1.26		1.26		1.42
	28	M 33 x 2	41	G 1	41	M 36 x 2	41
1.10	1.61		1.61		1.61		
35	M 42 x 2	50	G 1 1/4	50	M 45 x 2	50	
1.38		1.97		1.97		1.97	
42	M 48 x 2	55	G 1 1/2	55	M 52 x 2	60	
1.65		2.17		2.17		2.36	
S	6	M 12 x 1,5	17	G 1/4	19	M 14 x 1,5	17
	.24		.67		.75		.67
	8	M 14 x 1,5	19	G 1/4	19	M 16 x 1,5	19
	.31		.75		.75		.75
	10	M 16 x 1,5	22	G 3/8	22	M 18 x 1,5	22
	.39		.87		.87		.87
	12	M 18 x 1,5	24	G 3/8	22	M 20 x 1,5	24
	.47		.94		.87		.94
	14 ¹	M 20 x 1,5	27	G 1/2	27	M 22 x 1,5	27
	.55 ¹		1.06		1.06		1.06
	16	M 22 x 1,5	27	G 1/2	27	M 24 x 1,5	30
	.63		1.06		1.06		1.18
	20	M 27 x 2	32	G 3/4	32	M 30 x 2	36
	.79		1.26		1.26		1.42
	25	M 33 x 2	41	G 1	41	M 36 x 2	46
.98	1.61		1.61		1.81		
30	M 42 x 2	50	G 1 1/4	50	M 42 x 2	50	
1.18		1.97		1.97		1.97	
38	M 48 x 2	55	G 1 1/2	55	M 52 x 2	60	
1.50		2.17		2.17		2.36	

¹ Tube size is no longer covered by the applicable standard.

² M 27 x 2 according to ISO 6149.