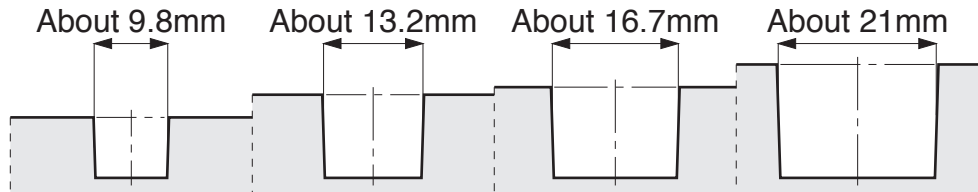


Thread and Tube Size Full Scale Chart

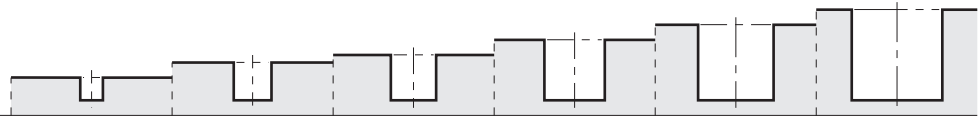
■ If you do not know exact size of your equipment, confirm it by using reference table below.

● Taper pipe thread & National Pipe Thread Taper



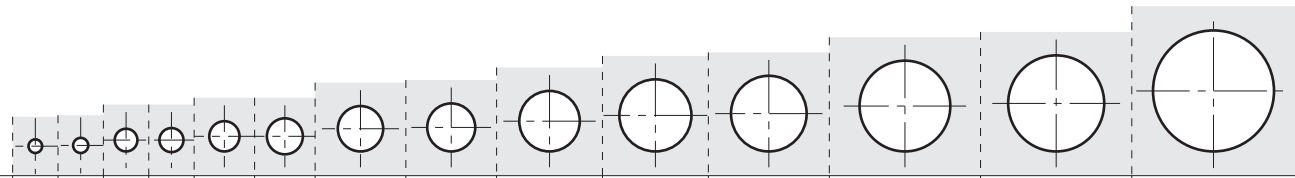
Taper pipe thread	Size	R (PT)1/8	R (PT)1/4	R (PT)3/8	R (PT)1/2
	Code	O1	O2	O3	O4
National pipe Thread Taper (American standard)	Size	NPT1/8	NPT1/4	NPT3/8	NPT1/2
	Code	N1	N2	N3	N4

● Metric thread & Unified thread



Metric thread	Size	M3×0.5	M5×0.8	M6×0.75 M6×1	M8×0.75	M10×1	M12×1
	Code	M3	M5	M6	M8	—	—
Unified thread	Size	—	No.10-32UNF	—	—	—	—
	Code	—	U10	—	—	—	—

● Tube diameter (mm size & inch size)



mm size	1.8	2	3	4	6	8	10	12	16	
code	180	2	3	4	6	8	10	12	16	
inch size			1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8
code			1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8

● Tube OD & ID Chart

Tube OD	Metric (mm)	1.8	2	3	4	6	8	10	12	16					
	Inch mm in ()				1/8 (3.18)	5/32 (4)	3/16 (4.76)	1/4 (6.35)	5/16 (8)	3/8 (9.53)	1/2 (12.7)	5/8 (16)			
Tube ID (mm)	Polyurethane-based	1	1.2	2	2	2.5	2.99	4	4.15	5	5.99	6.5	8	8.5	11
	Nylon-based				2	2.5	2.99	4	4.57	6	6.99	7.5	9	9.56	13
	Olefin-based				2.5		4	4.15	5	5.99	6.5	8	8.5		
	Fluorine-based				2	2.5	4	4.57	6	6.99	7.5	9	9.56	13	

