

POPULAR THREAD SPECIFICATION

Type	Symbol	Specification	Angle of thread hill
Metric General Thread	M	JIS B 0251	60°
Metric Fine Thread		JIS B 0252	
Parallel Thread for Pipe	G	JIS B 0202	55°
Parallel Thread for Pipe	PF	JIS B 0254	
Parallel Thread for Pipe	PS	JIS B 0253	
Taper Thread for Pipe	R	JIS B 0203	55°
Taper Thread for Pipe	PT	JIS B 0253	
U.S. Taper Thread for Pipe	NPT	ANSI B2.1	60°

Remark: PT = BSPT PF = BSP

Spec.		Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1¼"	1½"	2"
Outer Diameter (mm)	NPT		9.489	12.487	15.926	19.772	25.117	31.461	40.218	46.287	58.325
	PT		9.728	13.157	16.662	20.955	26.441	33.249	41.910	47.803	59.614
	PF / PS		9.728	13.157	16.662	20.955	26.441	33.249	41.910	47.803	59.614
Numbers of thread (in length 1")	NPT		27	18	18	14	14	11-1/2	11-1/2	11-1/2	11-1/2
	PT		28	19	19	14	14	11	11	11	11
	PF / PS		28	19	19	14	14	11	11	11	11