

Typical Fastening Threads

BSP threads

BSPP Parallel and BSP Taper threads have a thread flank angle of 55° inclusive.

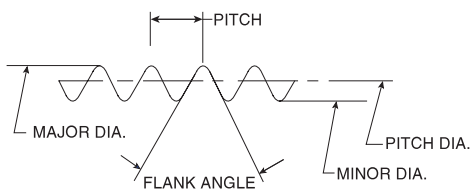
BSPP – British Standard Pipe Parallel threads for tubes and fittings where pressure-tight joints are not made on the thread, i.e., a peripheral seal is used.

BSP Taper – British Standard Pipe Taper threads for tubes and fittings where pressure-tight joints are made on the threads.

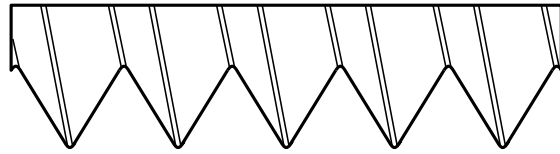
Comparison of Thread Forms

NPT Thread Size	Threads per Inch	BSPP	BSPT	Threads per Inch
		Thread Size		
1/8	27	1/8	1/8	28
1/4	18	1/4	1/4	19
3/8	18	3/8	3/8	19
1/2	14	1/2	1/2	14
3/4	14	3/4	3/4	14
1	11 1/2	1	1	11
1 1/4	11 1/2	1 1/4	1 1/4	11
1 1/2	11 1/2	1 1/2	1 1/2	11

Generic Thread



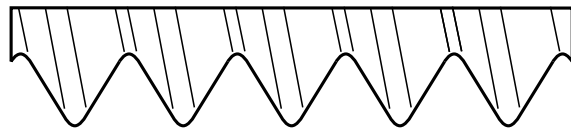
American Standard Pipe Thread (NPT)



60° inclusive thread flank angle

- Pitch measured in inches
- Truncation of root and crest are flat
- Taper angle 1°47'

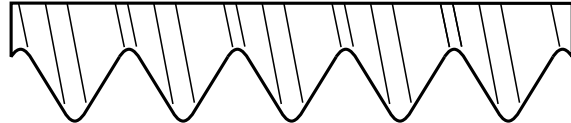
(ISO 7/1) BSPT



55° inclusive thread flank angle

- Pitch measured in inches
- Truncation of root and crest are round
- Taper angle 1°47'

(ISO 228/1) BSPP



55° inclusive thread flank angle

- Pitch measured in inches
- Truncation of root and crest are round
- Diameter measured in inches