

# BSP Thread Size Chart

## British Standard Pipe (BSPP / BSPT) Technical Datasheet

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### Applicable Standards

- BSPP (Parallel Thread): ISO 228-1
- BSPT (Taper Thread): ISO 7-1
- Thread Form: 55° Whitworth
- Taper Ratio (BSPT): 1:16
- Sealing Method:
  - BSPP: Seals using washer, O-ring, or bonded seal
  - BSPT: Seals via thread interference

### Thread Dimensions

Nominal Size	Major Diameter (in)	Major Diameter (mm)	TPI
1/16"	0.3125	7.92	28
1/8"	0.3830	9.73	28
1/4"	0.5180	13.16	19
3/8"	0.6560	16.66	19
1/2"	0.8250	20.96	14
3/4"	1.0410	26.44	14
1"	1.3090	33.25	11
1-1/4"	1.6500	41.91	11
1-1/2"	1.8820	47.80	11
2"	2.3470	59.61	11
2-1/2"	2.9600	75.18	11
3"	3.5480	90.12	11
4"	4.5470	115.44	11

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*Note: Dimensions shown are basic thread major diameters for reference only. For critical engineering applications, consult the latest ISO standards and detailed specifications.*