

| Abbreviation | Description | Applicable Std. |
|---------------------------------------|--|--|
| Metric Threads | | |
| M | Metric Screw Threads — M profile | ISO 261 ANSI B1.13M FED-STD-H28/21 |
| M — Keg | Metric Taper Threads (mainly used in Germany) | DIN 158 |
| British Standard Pipe Threads | | |
| R (BSPT) | British Standard Taper Pipe Threads, External | BS 21 ISO 7/1 |
| Rc (BSPT) | British Standard Taper Pipe Threads, Internal | BS 21 ISO 7/1 |
| Rp or G (BSPP) | British Standard Pipe (Parallel) Threads | BS 2779 ISO 228/1 |
| Japanese Standard Pipe Threads | | |
| PF ¹⁾ | JIS Parallel Pipe Threads | JIS B202 ISO 228/1 |
| PT ¹⁾ | JIS Taper Pipe Threads | JIS B203 ISO 7/1 |
| PS | JIS Parallel Internal Pipe Threads (to mate with PT threads) | JIS B203 |

Table A48 (Cont'd) — Thread Designations and Standards for Threads Used in Fluid Connectors

1) PF and PT threads are functionally interchangeable with BSPP and BSPT threads, respectively. These are old designations. They are being replaced with G (for PF) and R and Rc (for PT) as documents are revised.

Straight Thread Size Comparison Chart

| | Tube O.D. | | | | | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 |
| SAE 45° Flared | 5/16 -24 | 3/8 -24 | 7/16 -20 | 1/2 -20 | 5/8 -18 | 11/16 -16 | 3/4 -16 | 7/8 -14 | 1-1/16 -14 | 1-1/4 -12 | - |
| Inverted Flared | 5/16 -28 | 3/8 -24 | 7/16 -24 | 1/2 -20 | 5/8 -18 | 11/16 -18 | 3/4 -18 | 7/8 -18 | 1-1/16 -16 | 1-3/16 -16 | - |
| Air Brake/NTA | - | - | 7/16 -24 | - | 17/32 -24 | - | 11/16 -20 | 13/16 -18 | 1 -18 | - | 1 1/4 -16 |
| Std. Comp./ Compress-Align | 5/16 -24 | 3/8 -24 | 7/16 -24 | 1/2 -24 | 9/16 -24 | 5/8 -24 | 11/16 -20 | 13/16 -18 | 1 -18 | 1-1/8 -18 | 1 1/4 -18 |
| Poly-Tite | 5/16 -24 | 3/8 -24 | 3/8 -24 | 7/16 -24 | 1/2 -24 | - | 11/16 -20 | - | - | - | - |
| Vibra-Lok | 3/8 -24 | 7/16 -24 | 1/2 -24 | 9/16 -24 | 5/8 -24 | - | 13/16 -18 | 1 -18 | 1-1/8 -18 | - | - |
| V510 Ball Valves | - | - | 7/16 -20 | - | 9/16 -18 | - | 3/4 -16 | 7/8 -14 | 1-1/16 -12 | - | 1-5/16 -12 |

M