



Fluid Power Specialist



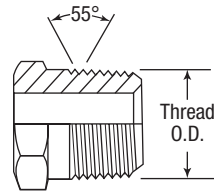
British Standard Pipe (BSP) BSP Tapered (BSPT)

The BSPT (tapered) male will mate with a BSPT (tapered) female, or a BSPP (parallel) female.

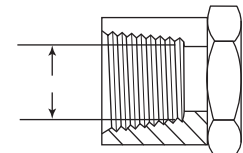
The BSPT male has tapered threads. When mating with either the BSPT (tapered) female or the BSPP (parallel) female port, the seal is made on the threads.

The BSPT connector is similar to, but not interchangeable with, the NPTF connector. The thread pitch is different in most cases, the thread angle is 55° instead of the 60° angle found on NPTF threads.

Dash Size	Nominal Size	No. Threads Per Inch	Female Threads Thread I.D. (Inc.)	Male Threads Thread O.D. (Inc.)
-2	1/8"	28	3/8"	11/32"
-4	1/4"	19	17/32"	15/32"
-6	3/8"	19	21/32"	19/32"
-8	1/2"	14	13/16"	3/4"
-10	5/8"	14	29/32"	13/16"
-12	3/4"	14	31/32"	31/32"
-16	1"	11	11/32"	17/32"
-20	1 1/4"	11	111/32"	117/32"
-24	1 1/2"	11	17/8"	125/32"
-32	2"	11	211/32"	27/32"



BSPT Male



BSPT Female

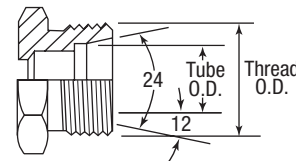
DIN 24° Male & Mating Females

The DIN 24° cone male will mate with any of the three females shown above.

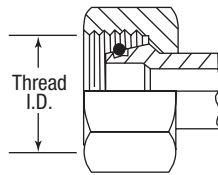
The male has a 24° seat, straight metric threads, and a recessed counterbore which matches the tube O.D. of the coupling used with it. The mating female is a 24° cone with O-ring, a metric tube fitting or a universal 24° or 60° cone.

There is a light and heavy series DIN coupling. Proper identification is made by measuring both the thread size and the tube O.D. (The heavy series has a smaller tube O.D. than the light, but has a thicker wall section.)

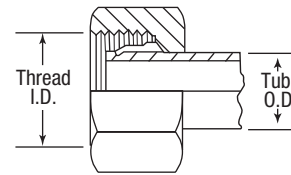
When measuring the flare angle with the seat angle gauge, use the 12 gauge. (The seat angle gauge measures the angle from the connector centerline).



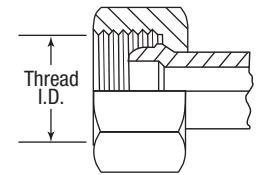
Male
24° Cone, DIN 2353



Female
24° Cone with O-Ring



Female
Metric Tube



Female
Universal 24° or 60° Cone