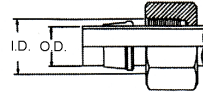


Thread Identification

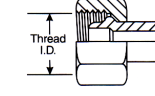
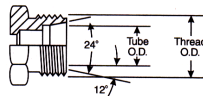
The highly recognizable connection found on KOBELCO® equipment is actually French Millimetrique. As with German (DIN) 12°, French Millimetrique connections seal on a 12° internal seat, with the male mating with any of three different females.

Measurement Procedure

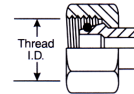
1. With calipers, measure the O.D. (outer diameter) of the male threads or the I.D. (inner diameter) of the Female threads.
2. Check the tube size—internal bore of male or tube O.D. of female.
3. Check the thread pitch with the thread pitch gauges.
4. Check the flare angle (12°) with the seat angle gauge.
5. Compare measurements against chart.



Female Tube Assembly



Female 12° Cone



Female 12° Cone (with O-Ring)

Tube O.D.	Thread Pitch	Male Thread O.D. (mm)	Female Thread I.D. (mm)
22	1.5	30	28.5
28	1.5	36	34.5
35	1.5	45	43.5

Please note this is not a complete listing of French Millimetrique, only the popular sizes used on KOBELCO® Equipment. Please call for quotes on other French Millimetrique or GAZ Connections.

KOBELCO® Bite Type Sleeve



Part Number	Tube (mm)	Thread (mm)
0SX-22	22	30x1.5
0SX-28	28	36x1.5
0SX-35	35	45x1.5

KOBELCO® Cap



Part Number	Tube (mm)	Thread (mm)
0CX-22	22	30x1.5
0CX-28	28	36x1.5
0CX-35	35	45x1.5

JIC Male to KOBELCO® Male



Part Number	JIC	KOBELCO®	
		Tube (mm)	Thread (mm)
10JX-12-22	11/16-12	22	30x1.5
10JX-12-28	11/16-12	28	36x1.5
10JX-16-22	15/16-12	22	30x1.5
10JX-16-28	15/16-12	28	36x1.5
10JX-16-35	15/16-12	35	45x1.5
10JX-20-35	15/8-12	35	45x1.5

KOBELCO® Nut



Part Number	Tube (mm)	Thread (mm)
0NX-22	22	30x1.5
0NX-28	28	36x1.5
0NX-35	35	45x1.5

KOBELCO® Plug



Part Number	Tube (mm)	Thread (mm)
0PX-22	22	30x1.5
0PX-28	28	36x1.5
0PX-35	35	45x1.5

JIC Male to KOBELCO® Female Swivel



Part Number	JIC	KOBELCO®	
		Tube (mm)	Thread (mm)
20JX-12-22	11/16-12	22	30x1.5
20JX-16-28	15/16-12	28	36x1.5
20JX-20-35	15/8-12	35	45x1.5