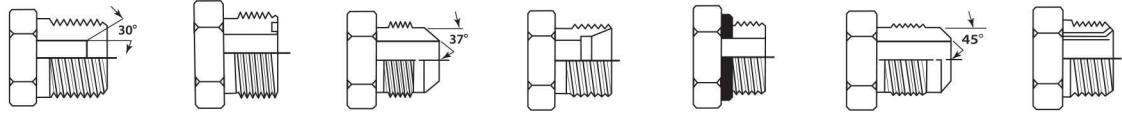
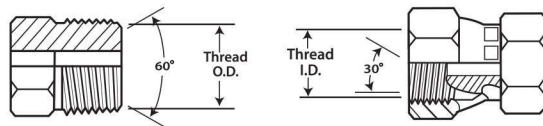
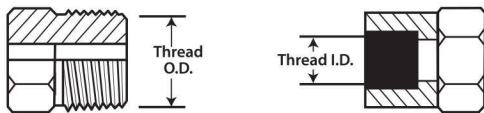


THREAD IDENTIFICATION TABLE



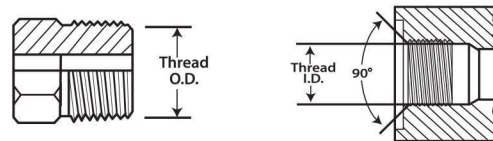
Size	NPT	ORFS	JIC 37°	Ermeto	ORB	SAE 45°	Inverted Flare
1/8	1/8-27	-	5/16-24	5/16-24	5/16-24	5/16-24	5/16-28
3/16	-	-	3/8-24	3/8-24	3/8-24	3/8-24	3/8-24
1/4	1/4-18	9/16-18	7/16-20	7/16-20	7/16-20	7/16-20	7/16-24
5/16	-	-	1/2-20	1/2-20	1/2-20	1/2-20	1/2-20
3/8	3/8-18	11/16-16	9/16-18	9/16-18	9/16-18	5/8-18	5/8-18
7/16	-	-	-	-	-	11/16-16	11/16-18
1/2	1/2-14	13/16-16	3/4-16	3/4-16	3/4-16	3/4-16	3/4-18
5/8	-	1-14	7/8-14	7/8-14	7/8-14	7/8-14	7/8-18
3/4	3/4-14	1 3/16-12	1 1/16-12	1 1/16-12	1 1/16-12	1 1/16-14	1 1/16-16
7/8	-	1 3/16-12	1 3/16-12	1 3/16-12	1 3/16-12	-	1 3/16-16
1	1-11 1/2	1 7/16-12	1 5/16-12	1 5/16-12	1 5/16-12	-	1 5/16-16
1 1/4	1 1/4-11 1/2	1 11/16-12	1 5/8-12	1 5/8-12	1 5/8-12	-	-
1 1/2	1 1/2-11 1/2	2-12	1 7/8-12	1 7/8-12	1 7/8-12	-	-
2	2-11 1/2	-	2 1/2-12	2 1/2-12	2 1/2-12	-	-
2 1/2	2 1/2-8	-	3-12	-	-	-	-

BSP THREAD



Thread Size	Male Thread Diameter	Female Thread Diameter
1/4-19	0.518	0.459
3/8-19	0.656	0.605
1/2-14	0.825	0.744
5/8-14	0.902	0.821
3/4-14	1.041	0.960
1-11	1.309	1.205
1 1/4-11	1.656	1.531
1 1/2-11	1.875	1.781
2-11	2.344	2.219

METRIC THREAD



Series	Tube O.D.	Metric Thread Size
LL	4 mm	8 mm x 1.0
	6 mm	10 mm x 1.0
	8 mm	12 mm x 1.0
	10 mm	14 mm x 1.0
	12 mm	16 mm x 1.0
L	6 mm	12 mm x 1.5
	8 mm	14 mm x 1.5
	10 mm	16 mm x 1.5
	12 mm	18 mm x 1.5
	15 mm	22 mm x 1.5
	18 mm	26 mm x 1.5
	22 mm	30 mm x 2.0
	28 mm	36 mm x 2.0
	35 mm	45 mm x 2.0
	42 mm	52 mm x 2.0
S	6 mm	14 mm x 1.5
	8 mm	16 mm x 1.5
	10 mm	18 mm x 1.5
	12 mm	20 mm x 1.5
	14 mm	22 mm x 1.5
	16 mm	24 mm x 1.5
	20 mm	30 mm x 2.0
	25 mm	36 mm x 2.0
	30 mm	42 mm x 2.0
	38 mm	52 mm x 20.0



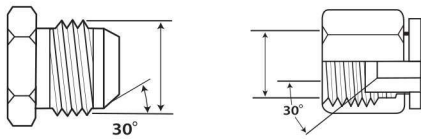
MICHIGAN

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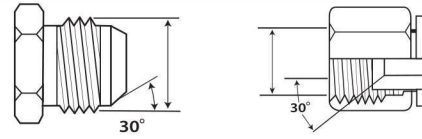
THREAD IDENTIFICATION TABLE

JAPANESE (JIS) THREAD



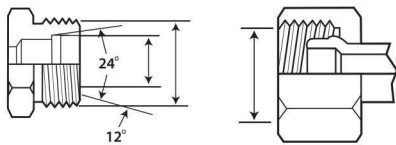
Nominal Diameter	Thread Size	Male Thread Diameter	Female Thread Diameter
-2	1/8-28	0.375	0.344
-4	1/4-19	0.531	0.437
-6	3/8-19	0.656	0.593
-8	1/2-14	0.812	0.750
-10	5/8-14	0.906	0.812
-12	3/4-14	1.031	0.937
-16	1-11	1.312	1.187
-20	1 1/4-11	1.656	1.531
-24	1 1/2-11	1.875	1.781
-32	2-11	2.344	2.219

KOMATSU THREAD



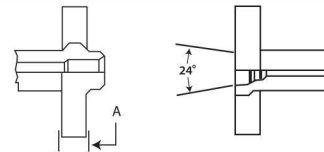
Nominal Diameter	Metric Thread Size	Male Thread Diameter (MM)	Diamètre du filet femelle (MM)
-6	M18 x 1.5	18.0	16.4
-8	M22 x 1.5	22.0	20.4
-10	M24 x 1.5	24.0	22.4
-12	M30 x 1.5	30.0	28.4
-16	M33 x 1.5	33.0	31.4
-20	M36 x 1.5	36.0	34.4
-24	M42 x 1.5	42.0	40.4

FRENCH METRIC (GAZ)



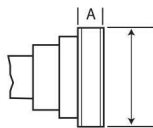
Metric Thread Size	Male Thread Diameter (MM)	Female Thread Diameter (MM)
M20 x 1.5	20.0	18.5
M24 x 1.5	24.0	22.5
M30 x 1.5	30.0	28.5
M36 x 1.5	36.0	34.5
M45 x 1.5	45.0	43.5
M52 x 1.5	52.0	50.5

GAZ POCLAIN 24° FLANGE



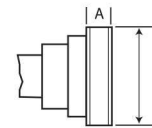
Nominal Size A	A (PO)
1/2	0.55
5/8	0.55
3/4	0.71

CODE 61 FLANGE



Nominal Diameter	A Flange Thickness	Flange Diameter
-8	0.265	1.188
-10	0.265	1.338
-12	0.265	1.500
-16	0.315	1.750
-20	0.315	2.000
-24	0.315	2.375
-32	0.375	2.812
-40	0.375	3.312
-48	0.375	4.000
-56	0.442	4.500
-64	0.442	5.000
-80	0.442	6.000

CODE 62 FLANGE



Nominal Diameter	A Flange Thickness	Flange Diameter
-8	0.305	1.250
-12	0.345	1.625
-16	0.375	1.875
-20	0.405	2.125
-24	0.495	2.500
-32	0.495	3.125



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