



METRIC SPECIALIST

"We Know Metrics"

Helping customers for over 30 Years with their Metric hydraulic fluid power needs.

Steel - Stainless Steel - Brass

Because of our experience, our inventory and our extensive resources, we can help you meet your metric hydraulic requirements. No matter where your equipment was made we can supply the metric adapter, metric tubing or metric hose fitting you need.

Custom hydraulic hose assemblies

- * Fabricated to your specifications
- * Type approvals include DIN, USCG, ABS, DNV & Lloyds
- * From 10 psi to 10,000 psi
- * From 1/8" to 2 1/2"
- * Same day shipping available for emergency orders

Adapters

We stock or have available to us most combinations of adapters

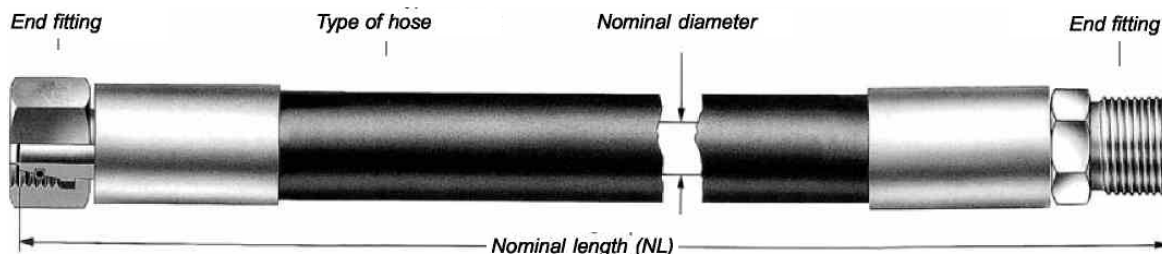
NPT-BSPT-BSPP-METRIC(PORT/TUBE)-JIC-ORFS-SAE-JIS

FRENCH METRIC-MILIMETRIC-KAMATSU-KOBELCO

We stock a wide assortment of Caps and Plugs

We can also assist you with your metric plumbing needs.

We stock Metric copper tubing, compression and copper solder fittings, BST pipe fittings, CuNi pipe and fittings in American and Metric sizes, Metric PVC pipe and fittings along with many European pipe systems such as **Viega, Loro, Mapress, Straub** and **Georg Fischer**.



GLOBAL SUPPLY CO

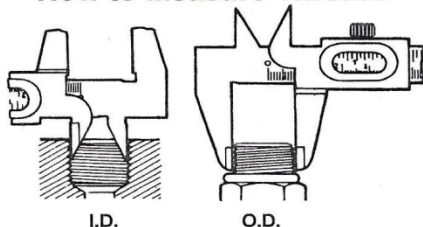
590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com

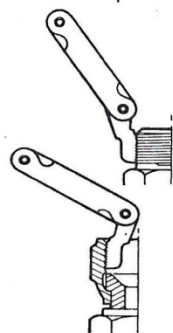


Identifying Metric, BSP, and JIS Fluid Connections

How to Measure Threads

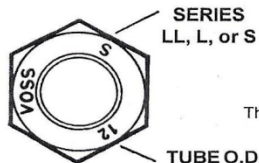


With an I.D./O.D. caliper, measure the thread diameter. Measure the O.D. of male threads and the I.D. of the female threads as shown. Match the measurement to the charts. The O.D. is actually the I.D. plus the thread depth.



Use a thread pitch gauge to determine the distance between threads. Select the gauge which fits the thread snugly. Match the measurements to the charts.

Voss Coupling Nut

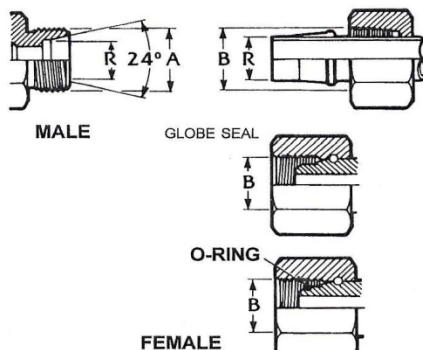


EXAMPLE:
S12 Nut —
Thread is M20x1.5

Series	Oper. Press. (bar)	Tube O.D.	Hex Size	Thread Size
LL	100	4	10	M 8x1
LL	100	6	12	M 10x1
LL	100	8	14	M 12x1
L	250	6	14	M 12x1.5
L	250	8	17	M 14x1.5
L	250	10	19	M 16x1.5
L	250	12	22	M 18x1.5
L	250	15	27	M 22x1.5
L	160	18	32	M 26x1.5
L	160	22	36	M 30x2
L	100	28	41	M 36x2
L	100	35	50	M 45x2
L	100	42	60	M 52x2
S	630	6	17	M 14x1.5
S	630	8	19	M 16x1.5
S	630	10	22	M 18x1.5
S	630	12	24	M 20x1.5
S	630	14	27	M 22x1.5
S	400	16	30	M 24x1.5
S	400	20	36	M 30x2
S	400	25	46	M 36x2
S	250	30	50	M 42x2
S	250	38	60	M 52x2

GERMAN TYPE METRIC

DIN 3901 / 3902 Series



This connection style consists of a common male and three different female styles.

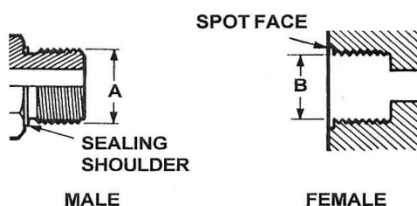
The male has a straight metric thread, a 24° included angle and a recessed counterbore that matches the tube O.D. used with it. The female may be a tube, nut and sleeve, a globeseal or a globeseal with an O-Ring in the nose (DKO type).

DIN 3901 / 3902 Threads

Metric Thread Size	Male Thread O.D. (A) (mm)	Female Thread I.D. (B) (mm)	Tube O.D. R Dia. DIN 3901/3902 L Series	Tube O.D. R Dia. DIN 3901/3902 S Series
M 12x1.5	12	10.5	6	—
M 14x1.5	14	12.5	8	6
M 16x1.5	16	14.5	10	8
M 18x1.5	18	16.5	12	10
M 20x1.5	20	18.5	—	12
M 22x1.5	22	20.5	15	14
M 24x1.5	24	22.5	—	16
M 26x1.5	26	24.5	18	—
M 30x2	30	27.9	22	20
M 36x2	36	33.9	28	25
M 42x2	42	39.9	—	30
M 45x2	45	42.9	35	—
M 52x2	52	49.9	42	38

It is essential to measure the "R" or tube diameter to correctly identify the series. The R Dia. equals the tube O.D. or counterbore I.D.

DIN 3852 / Form B Series



This connection is a hydraulic port connection. The male has a straight metric thread with a cutting edge. The female (port) has a straight thread and is spotfaced to accept the cutting edge. The seal takes place between the cutting edge and the spotface surface. The threads hold the connection together mechanically.

DIN 3852 / Form B Threads

Metric Thread Size	Male Thread O.D. (A) (mm)	Female Thread I.D. (B) (mm)
M 10x1	10	8.5
M 12x1.5	12	10.5
M 14x1.5	14	12.5
M 16x1.5	16	14.5
M 18x1.5	18	16.5
M 20x1.5	20	18.5
M 22x1.5	22	20.5
M 26x1.5	26	24.5
M 27x2	27	25.5
M 30x2	30	28.5
M 33x2	33	31.5
M 42x2	42	39.9
M 48x2	48	46.5
M 52x2	52	50.5
M 65x2	65	62.9
M 78x2	78	75.9
M 90x2	90	87.9

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com

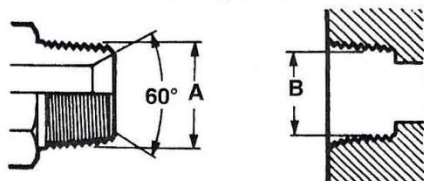


BRITISH STANDARD PIPE

British Standard Pipe (BSP)

Male Port

BSP Tapered



MALE

FEMALE

The BSPT (tapered) connection is similar to the NPT except that the thread pitches are different in most sizes. To achieve full pressure rating, a tapered male must be threaded into a tapered female.

BSP Parallel

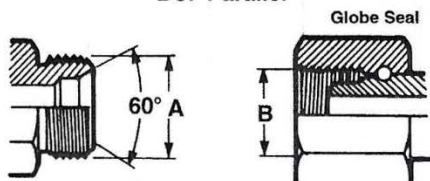


MALE

FEMALE

The BSP parallel, Form B, is designed with a shoulder seal for spot faced female port connections.

BSP Parallel



MALE

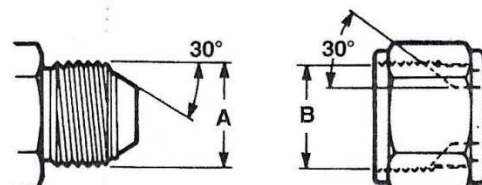
FEMALE

The BSPP (parallel) male is similar to the NPSM male except the thread pitches are different in most sizes. The mating female swivel is a BSP globe seal, which seals on the cone of the male.

Nominal BSP Thread Size	Male Parallel Thread O.D. (A) (inches)	Female Parallel Thread I.D. (B) (inches)
1/8 - 28	3/8	11/32
1/4 - 19	17/32	7/16
3/8 - 19	21/32	19/32
1/2 - 14	13/16	23/32
5/8 - 14	29/32	13/16
3/4 - 14	1-1/32	15/16
1 - 11	1-5/16	1-3/16
1-1/4 - 11	1-21/32	1-17/32
1-1/2 - 11	1-7/8	1-25/32
2 - 11	2-11/32	2-7/32

JAPANESE

JIS 30° Flare (BSPP Threads)



MALE

FEMALE

The Japanese JIS 30° flare is similar to the American SAE 37° flare connection in application as well as sealing principle. However, the flare angle and dimensions are different. The threads are BSPP.

BSP Thread Size	Male Thread O.D. (A) (inches)	Female Thread I.D. (B) (inches)
1/8 - 28	3/8	11/32
1/4 - 19	17/32	7/16
3/8 - 19	21/32	19/32
1/2 - 14	13/16	23/32
5/8 - 14	29/32	13/16
3/4 - 14	1-1/32	15/16
1 - 11	1-5/16	1-3/16
1-1/4 - 11	1-21/32	1-17/32
1-1/2 - 11	1-7/8	1-25/32
2 - 11	2-11/32	2-7/32

Thread Identification Chart

AN Size:	2	3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2	2-1/2	3
Hose I.D.	1/8	3/16	1/4	5/16	3/8		1/2	5/8	3/4		1	1-1/4	1-1/2	2	2-1/2	3
JIC 37° Flare Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1-1/16-12	1-3/16-12	1-5/16-12	1-5/8-12	1-7/8-12	2-1/2-12	3-12	3-1/2-12
SAE O-Ring Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1-1/16-12	1-3/16-12	1-5/16-12	1-5/8-12	1-7/8-12	2-1/2-12		
NPTF Pipe Thread	1/8-27		1/4-18		3/8-18		1/2-14		3/4-14		1-11-1/2	1-1/4-11-1/2	1-1/2-11-1/2	2-11-1/2	2-1/2-8	3-8
NPSM Swivel Thread	1/8-27		1/4-18		3/8-18		1/2-14		3/4-14		1-11-1/2	1-1/4-11-1/2	1-1/2-11-1/2	2-11-1/2		
Flat Face Thread			9/16-18		11/16-18		13/16-18	1-14	1-3/16-12		1-7/16-12	1-11/16-2	2-12			
Code 61 Flange Head O.D.							1.19	1.335	1.50		1.75	2.00	2.38	2.81	3.31	4.00
Code 62 Flange Head O.D.							1.25		1.62		1.88	2.12	2.50	3.12		

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com



Identification Guide

24° Metric Compression Fittings

Most metric threads available are described as “dual purpose,” meaning they are capable of tube application as well as port. This also includes Kobelco fittings which are essentially an L-series metric thread with a 1.5mm thread pitch in all sizes. Most metric and Kobelco threads are tube application capable because of a 24° tapered throat angle that exists inside the male threads. To achieve a tube connection, a tube nut is tightened over the metric threads forcing a ferrule or cutting ring to grip the tube. By having the nut securely fastened, the ferrule squeezes the tube which holds the tube itself in place. 24° fittings and accessories are made in three different series: LL series for low pressure, L series for medium pressure, and S series for high pressure applications.

Metric Tapered Threads

If you have a metric tapered thread, one would undergo the same initial steps for identification of thread pitch; however, thread O.D can only be identified properly by placing the calipers over the third row of threads from the end of the fitting. Because the thread is tapered, a different O.D will be identified depending on where you place the calipers; this is why the 3rd row of threads is used as a standard. Adaptall does not usually stock metric tapered threads, however, we should be able to accommodate most requests.

How to ID British (BSP) Threads

British Pipe Standard fittings are amongst the most popular of all foreign threads in the world today. These threads come in two versions: parallel (BSPP), and tapered (BSPT). The thread flank angle for both tapered and parallel British threads is 55°. NOTE: It is a fairly common mistake to identify a BSPT (tapered) as an NPT.

Always remember that NPT threads have a 60° thread flank angle, and BSPT has a 55° angle (this can be verified with a thread gauge). Although BSP is a foreign thread, it isn't actually metric. This is why it comes in imperial sizes: 1/8, 1/4, 1/2, 3/4, and so on.

BSP parallel threads commonly seal via a 30° chamfer on the male thread to a 30° recessed cone inside the female thread (swivel only). If it is a port application, an O-ring and washer or a bonded washer are needed to achieve a proper seal for parallel threads. For tapered BSP threads, a seal is acquired via thread wedging with additional support from thread dope or Teflon tape. As previously mentioned, it is possible for a male BSPT (tapered) to thread into a female BSPP (parallel), so long as the female thread is fixed and not swivel (this is because of the recessed cone seat).

How to ID Japanese (JIS) threads

Japanese (JIS) tapered and parallel threads are identical to British standard pipe threads. The only difference is that parallel JIS threads have a 30° seat on the male end, and a 30° flared seat on the female ends. JIS tapered threads are identical to BSPT threads.

How to ID Kobelco threads

Kobelco threads are essentially the same as metric threads, with some minor variations. All sizes of Kobelco threads have a 1.5mm (millimeter) pitch. All tube accessories for Kobelco fittings belong to the L-series (for medium pressure).

How to ID Komatsu threads

Komatsu fittings have 1.5mm metric threads with a 30° seat. Tube application is not Possible.

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com











METRIC HIGH PRESSURE HYDRAULIC HOSE

TRACTOR®/2T

EN 853 2SN



																
PART. REF.	HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT		FITTING
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01027005*	5	-03	3/16"	11,3	0,44	13,3	0,52	415	6010	1650	23920	89	3,50	315	0,21	MF+M03400-03
H01027006*	6	-04	1/4"	12,7	0,50	14,7	0,58	400	5800	1600	23200	100	3,94	370	0,25	MF+M03400-04
H01027008*	8	-05	5/16"	14,3	0,56	16,3	0,64	350	5070	1400	20300	114	4,49	410	0,28	MF+M03400-05
H01027010*	10	-06	3/8"	16,7	0,66	18,7	0,74	330	4780	1320	19140	127	5,00	530	0,36	MF+M03400-06
H01027012*	12	-08	1/2"	19,8	0,78	21,8	0,86	275	3980	1100	15950	178	7,01	620	0,42	MF+M03400-08
H01027016*	16	-10	5/8"	23,0	0,91	25,0	0,98	250	3620	1000	14500	200	7,87	720	0,48	MF+M03400-10
H01027019*	19	-12	3/4"	27,0	1,06	29,0	1,14	215	3110	860	12470	240	9,45	940	0,63	MF+M03400-12
H01027025*	25	-16	1"	34,8	1,37	36,8	1,45	165	2390	660	9570	300	11,81	1290	0,87	MF+M03400-16
H01027032*	31	-20	1 1/4"	44,3	1,74	47,0	1,85	125	1810	500	7250	419	16,50	1910	1,28	MF+M03400-20
H01027040*	38	-24	1 1/2"	50,7	2,00	53,4	2,10	90	1300	360	5220	500	19,69	2250	1,51	MF+M03400-24
H01027051*	51	-32	2"	63,5	2,50	66,2	2,61	80	1160	320	4640	630	24,80	2900	1,95	MF+M03400-32
H01027060*	60	-38	2 3/8"	68,8	2,71	71,5	2,81	90	1300	360	5220	650	25,59	2700	1,81	MF+M03400-38











MAIN APPLICATIONS
Medium-high pressure lines
CONTINUOUS SERVICE TEMPERATURE RANGE
-40°F / +212°F -40°C / +100°C
MAX OPERATING TEMPERATURE
(Intermittent service) +250°F +121°C
RECOMMENDED FLUIDS
Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water
REMARK: Halogen-Free hose line

INSERT: MF2000® - MULTIFIT TYPE
TUBE: Oil resistant synthetic rubber
REINFORCEMENT: Two high tensile steel braids
COVER: Environment resistant synthetic rubber
APPLICABLE SPECS.: EN 853 2SN - SAE 100 R2AT - ISO 1436 2SN/R2AT
TYPE APPROVALS: ABS, BV (DN 5÷51), DNV, GL, GOST-R, KRS, LR

GOLDENSPIR®/4SP

EN 856 4SP



								 + 								
PART. REF.	HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT		FITTING
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H10009006*	6	-04	1/4"	14,7	0,58	17,6	0,69	485	7030	2400	34800	100	3,94	600	0,40	MF+M00910-04
H10009010*	10	-06	3/8"	17,6	0,69	21,1	0,83	450	6520	2000	29005	110	4,33	760	0,51	MF+M00910-06
H10009012*	12	-08	1/2"	20,3	0,80	24,3	0,96	420	6090	1750	25380	120	4,72	900	0,60	MF+M00910-08
H10009016*	16	-10	5/8"	23,7	0,93	27,9	1,10	380	5510	1600	23200	140	5,51	1120	0,75	MF+M00910-10
H10009019*	19	-12	3/4"	28,2	1,11	31,9	1,26	380	5510	1600	23200	170	6,69	1490	1,00	MF+M00920-12
H10009025*	25	-16	1"	35,0	1,38	39,0	1,54	320	4640	1400	20300	340	13,39	1950	1,31	MF+M00920-16










MAIN APPLICATIONS
Very high pressure power lines
CONTINUOUS SERVICE TEMPERATURE RANGE
-40°F / +212°F -40°C / +100°C
MAX OPERATING TEMPERATURE
(Intermittent service) +257°F +125°C
RECOMMENDED FLUIDS
Mineral oils, vegetable oils and synthetic ester based oils (up to +212°F / +100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water
REMARK: Halogen-Free hose line

INSERT: MF2000® - MULTIFIT TYPE
TUBE: Oil resistant synthetic rubber
REINFORCEMENT: Four high tensile steel spirals
COVER: Environment resistant synthetic rubber
APPLICABLE SPECS.: EN 856 4SP - ISO 3862 4SP
TYPE APPROVALS: ABS, BV, DNV, GL, GOST R, KRS, LR, MSHA

HYDROPLAST

EN 855 R7




















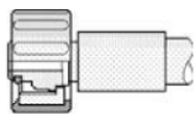

																
PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING								
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H30010005*	5	-03	3/16"	-	-	10,2	0,40	210	3040	840	12180	35	1,38	80	0,05	MF+M00820-03
H30010006*	6	-04	1/4"	-	-	12,0	0,47	192	2780	770	11160	50	1,97	95	0,06	MF+M00830-04
H30010008*	8	-05	5/16"	-	-	14,3	0,56	187	2710	750	10870	55	2,17	135	0,09	MF+M00830-05
H30010010*	10	-06	3/8"	-	-	16,3	0,64	175	2530	700	10150	75	2,95	165	0,11	MF+M00820-06
H30010012*	12	-08	1/2"	-	-	20,3	0,80	140	2030	560	8120	95	3,74	225	0,15	MF+M00820-08

MAIN APPLICATIONS
Medium pressure hydraulic applications, hoisting, hydraulic transmission
CONTINUOUS SERVICE TEMPERATURE RANGE
-40°F / +212°F -40°C / +100°C
MAX OPERATING TEMPERATURE
+212°F +100°C for oil,
+149°F +65°C for air, water and water based fluids
RECOMMENDED FLUIDS
Mineral and biological oils, ASTM 1, ASTM 3, polyglycol based oils, water, water oil emulsions

INSERT: MF2000® - MULTIFIT TYPE
TUBE: Oil resistant thermoplastic Elastomer
REINFORCEMENT: Two polyester braids
COVER: Thermoplastic elastomer with high ozone and abrasion resistance
APPLICABLE SPECS.: EN 855 R7, SAE 100R7
TYPE APPROVALS: GOST-R



METRIC HIGH PRESSURE HYDRAULIC HOSE FITTINGS

A0 A1* 	DN 5 to 16 Universal metric female, mating with flare (60°) DIN 7631 and DIN 7647 up to 16, flare (24°) DIN EN ISO 8434-1 light series	B5 B6* 	DN 6 to 32 Form P DIN 20078 Fitting with O-ring to fit flare (24°) DIN EN ISO 8434-1 heavy series
A2 	DN 5 to 16 Universal metric female, light series as A0 but 45° elbow	B7 	DN 6 to 32 as B5 but 45° elbow
A3 	DN 5 to 16 Universal metric female, light series as A0 but 90° elbow	B8 	DN 6 to 32 as B5 but 90° elbow
A05 	DN 6 to 40 Form N DIN 20078 Connection with O-ring to fit flare (24°) DIN EN ISO 8434-1 light series	C0 C1* 	from DN 20 Form C DIN 20078 Fitting corresponding to spherical sleeve to DIN 3863 mating with flare (60°) DIN 7631 and DIN 7647 from DN 20
A25 	DN 6 to 40 as A05 but 45° elbow	C2 	from DN 20 up as C0 but 45° elbow
A35 	DN 6 to 40 as A05 but 90° elbow	C3 	from DN 20 up as C0 but 90° elbow
A5 A6* 	DN 6 to 25 Fitting with BSP union nut mating with flare (60°) with pipe thread G (D6)	D1 	DN 6 to 40 Form D DIN 20078 Fitting corresponding to flare (24°) DIN EN ISO 8434-1 light series
A7 	DN 6 to 25 as A5 but 45° elbow	D6 	DN 6 to 25 flared (60°) fitting with pipe thread G to fit connector with BSP union nut (A5)
A8 	DN 6 to 25 as A5 but 90° elbow	DKK 	DN 6 to 10 Metric female, for high pressure cleaner
		E1 	DN 6 to 32 Form E DIN 20078 Fitting corresponding to flare (24°) DIN EN ISO 8434-1 heavy series





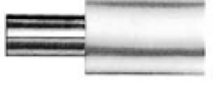



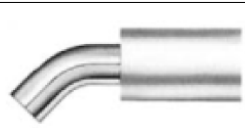






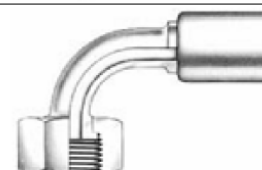




GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com



METRIC HIGH PRESSURE HYDRAULIC HOSE FITTINGS

G7		DN 5 to 40 Fitting corresponding to standpipe DIN 3901 heavy series with pipe thread G Threaded male, Form A to DIN 3852
H8		DN 6 to 25 Male NPFT ANSI B1.20.3
J0		DN 6 to 25 Fitting corresponding to banjo DIN 7642 mating with banjo screw DIN 7643
J9		DN 6 to 25 Fitting corresponding to male JIC with 37° taper mating with JIC fitting 37° with union nut
K0 K1*		DN 6 to 40 Fitting mating with ferrule DIN 3861 and union nut DIN 3870 on flare (24°) DIN EN ISO 8434-1 light series (avoid where possible) use fitting A0/A05
K4		DN 6 to 25 as K0 but with 45° elbow (avoid where possible) use fitting A2/A25
K8		DN 6 to 25 as K0 but with 90° elbow (avoid where possible) use fitting A3/A35
L0 L1*		DN 6 to 32 Fitting mating with ferrule DIN 3861 and union nut DIN 3870 on flare (24°) DIN EN ISO 8434-1 heavy series (avoid where possible) use fitting B5
L4*		DN 6 to 25 as L0 but with 45° elbow (avoid where possible) use fitting B7
L8		DN 6 to 25 as L0 but with 90° elbow (avoid where possible) use fitting B8
N0 N5 N1*		DN 12 (13) to 40 Form R and S DIN 20078 N0 and N1 up to 5000 psi N5 to 6000 psi Flange to ISO 6162 and SAE J518
N2 N7		DN 12 to 40 N2 as N0 but 45° elbow N7 as N5 but 45° elbow
N3 N8		DN 12 to 40 N3 as N0 but 90° elbow N8 as N5 but 90° elbow
P1		DN 6 to 25 ORFS fitting corresponding to SAE J1453 in future ISO 8434-3 with union nut
P2		DN 6 to 25 as P1 but 45° elbow
P3		DN 6 to 25 as P1 but 90° elbow
P4		DN 6 to 25 ORFS fitting corresponding to SAE J1453
Q5 Q6*		DN 5 bis 25 Fitting corresponding to JIC Standard mating with JIC flare with 37° sealing cone in future ISO 8434-2
Q7		DN 5 and 25 as Q5 but 45° elbow
Q8		DN 5 bis 25 as Q5 but 45° elbow

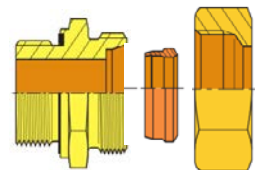
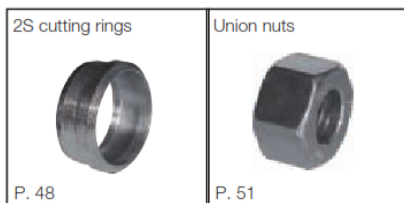
GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com

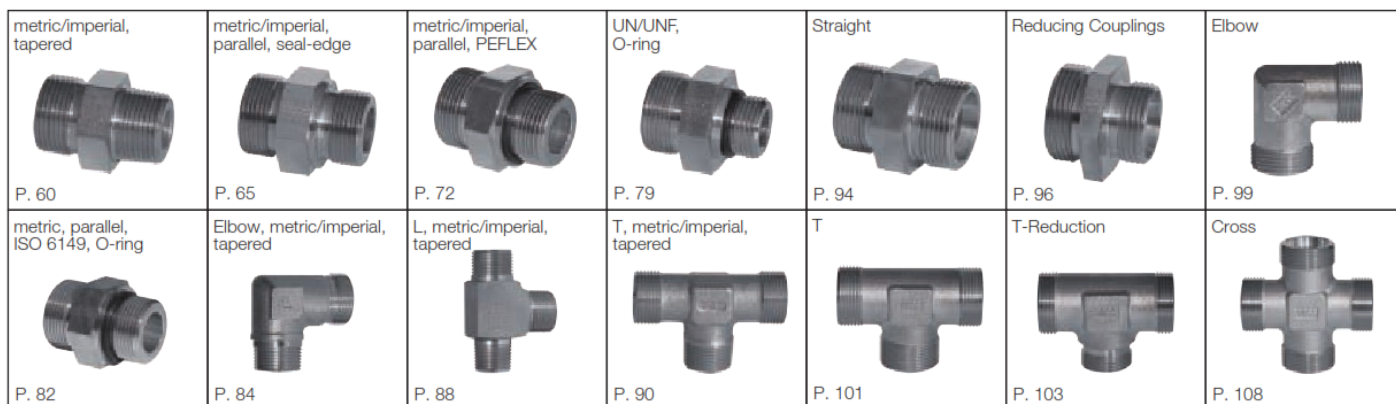


METRIC FLARELESS TUBE FITTINGS



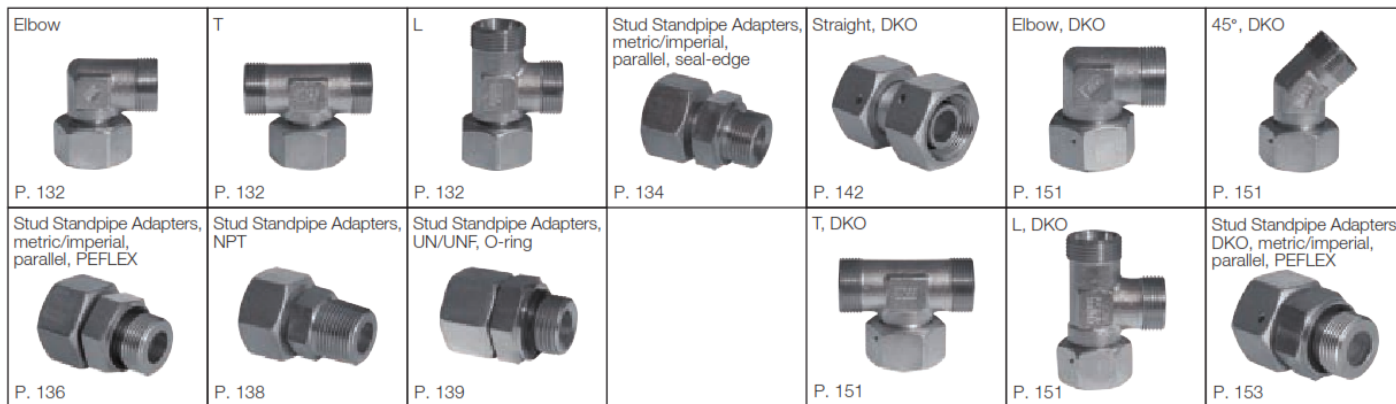
Male Stud Couplings

Connecting Couplings



Adjustable Stud Couplings with tube socket

24° Taper Couplings



Series	Oper. Press. (bar)	Tube O.D.	Hex Size	Thread Size
LL	100	4	10	M 8x1
LL	100	6	12	M 10x1
LL	100	8	14	M 12x1
L	250	6	14	M 12x1.5
L	250	8	17	M 14x1.5
L	250	10	19	M 16x1.5
L	250	12	22	M 18x1.5
L	250	15	27	M 22x1.5
L	160	18	32	M 26x1.5
L	160	22	36	M 30x2
L	100	28	41	M 36x2
L	100	35	50	M 45x2
L	100	42	60	M 52x2

Series	Oper. Press. (bar)	Tube O.D.	Hex Size	Thread Size
S	630	6	17	M 14x1.5
S	630	8	19	M 16x1.5
S	630	10	22	M 18x1.5
S	630	12	24	M 20x1.5
S	630	14	27	M 22x1.5
S	400	16	30	M 24x1.5
S	400	20	36	M 30x2
S	400	25	46	M 36x2
S	250	30	50	M 42x2
S	250	38	60	M 52x2

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com



BSPP ADAPTERS

6002 MALE ORFS X MALE BSPP (C/W WASHER & O-RING)	6002L MALE ORFS X MALE BSPP LONG (C/W WASHER & O-RING)	9000 BSPP NIPPLE	9002 MALE JIC X MALE BSPP (C/W WASHER & O-RING)	9002L MALE JIC X MALE BSPP LONG (C/W WASHER & O-RING)	6059 90° MALE ORFS X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9045 90° TUBE ELBOW M. BSPP X F. BSPP	9050 90° TUBE ELBOW FEMALE BSPP X FEMALE BSPP	9052 90° MALE BSPP X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9055 90° MALE BSPP ELBOW
9003 BSPP MALE X BSPP MALE NIPPLE	9004 MALE BSPP X MALE METRIC	9005 MALE JIC X MALE BSPP	9005L MALE JIC X MALE BSPP (LONG)	9005EL MALE JIC X MALE BSPP (EXTRA LONG)	9056 90° MALE JIC X FEMALE BSPP SWIVEL	9057 90° MALE BSPP X MALE BSPP (FORGED STEEL)	9059 90° MALE JIC X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9059L 90° MALE JIC X MALE BSPP ADJ. LONG ELBOW (FORGED STEEL)	9060 90° MALE BSPP X FEMALE BSPP SWIVEL
9006 MALE SAE O-RING BOSS X MALE BSPP	9007 MALE BSPP X MALE NPT NIPPLE	9009 MALE JIC X FEMALE BSPP SOLID	9015 MALE BSPP X FEMALE BSPP SWIVEL	9015TP MALE BSPP X FEMALE BSPP SWIVEL (TEST PORT)	9061 90° MALE BSPP X FEMALE JIC SWIVEL	9062 90° MALE BSPP X FEMALE BSPP SWIVEL	9065 90° MALE JIC X MALE BSPP	9070 90° MALE BSPP X MALE NPT (FORGED STEEL)	9072 90° MALE NPT X FEMALE BSPP SWIVEL
9018 MALE METRIC X FEMALE BSPP SWIVEL	9019 MALE BSPP X FEMALE METRIC SWIVEL	9021 MALE BSPP X FEMALE JIC SWIVEL	9023 MALE NPT X FEMALE BSPP SWIVEL	9025 FEMALE BSPP SWIVEL UNION	9075 90° FEMALE BSPP SWIVEL ELBOW	9076 90° FEMALE BSPP ELBOW (FIXED)	9077 90° MBSP X MALE O-RING BOSS ADJ. (FORGED STEEL)	9250 90° TUBE ELBOW MALE JIC X FEMALE BSPP SWIVEL	9259 90° MALE JIS X MALE BSPP ADJ. ELBOW (FORGED STEEL)
9027 FEMALE BSPP X FEMALE JIC SWIVEL	9028 BSPP COUNTERSUNK SEALED PLUG	9030 BSPP HEX PLUG	9032 MALE BSPP X FEMALE BSPP	9033 SWIVEL BSPP CAP	6158 MALE ORFS X MALE BSPP ADJ. RUN TEE (FORGED STEEL)	6159 MALE ORFS X MALE BSPP ADJ. BRANCH TEE (FORGED STEEL)	9078 MBSP X MALE O-RING BOSS RUN TEE (FORGED STEEL)	9079 MBSP X MALE O-RING BOSS BRANCH TEE (FORGED STEEL)	9080 MALE BSPP TEE
9034 MALE BSPP X FEMALE BSPP	9035 MALE BSPP X FEMALE NPT	9036 MALE BSPP X FEMALE O-RING BOSS	9037 MALE NPT X FEMALE BSPP	9038 MALE BSPP X FEMALE BSPP BUSHING	9085 FEMALE BSPP SWIVEL TEE	9086 BSPP FEMALE TEE (FIXED)	9087 FEMALE BSPP BRANCH TEE	9090 FEMALE BSPP RUN TEE	9095 MALE BSPP RUN SWIVEL TEE
9039 MALE BSPP X FEMALE BSPP EXTENDED BUSHING	9040 MALE BSPP X MALE BSPP BULKHEAD	9041 BSPP BULKHEAD LOCKNUT	9043 FEMALE BSPP COUPLING	9044 FEMALE BSPP X FEMALE NPT	9151 MALE BSPP ADJ. RUN TEE (FORGED STEEL)	9152 MALE BSPP ADJ. BRANCH TEE (FORGED STEEL)	9158 MALE JIC X MALE BSPP ADJ. RUN TEE (FORGED STEEL)	9159 MALE JIC X MALE BSPP ADJ. BRANCH TEE (FORGED STEEL)	
9210 MALE JIC X FEMALE FLAT-FACE BSPP SWIVEL (HIAB)	9210 MALE JIC X FEMALE FLAT-FACE BSPP SOLID (HIAB)	9240 MALE JIC X FEMALE BSPP SWIVEL	9058 45° MALE JIC X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9260 45° TUBE ELBOW MALE JIC X FEMALE BSPP SWIVEL	6058 45° MALE ORFS X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9047 45° TUBE ELBOW M. BSPP X F. BSPP	9051 45° MALE BSPP X MALE BSPP ADJ. ELBOW (FORGED STEEL)	9053 45° TUBE ELBOW FEMALE BSPP X FEMALE BSPP	9054 45° MALE BSPP X MALE BSPP ELBOW (FORGED STEEL)

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com



METRIC ADAPTERS

 6068 MALE ORFS X MALE METRIC (C/W WASHER & O-RING)	 6605 MALE ORFS X MALE METRIC DUAL PURPOSE (PORT OR TUBE)	 6606 MALE ORFS X MALE METRIC DUAL PURPOSE (PORT OR TUBE)	 9001 MALE METRIC NIPPLE	 9004 MALE BSPP X MALE METRIC
 9018 MALE METRIC X FEMALE BSPP SWIVEL	 9019 MALE BSPP X FEMALE METRIC SWIVEL	 9022 MALE JIC X FEMALE METRIC SWIVEL	 9024 MALE METRIC X FEMALE JIC SWIVEL	 9029 METRIC COUNTERSUNK SEALED PLUG
 9030M METRIC HEX PLUG SOLID	 9067 MALE JIC X MALE METRIC	 9068 MALE JIC X MALE METRIC (C/W WASHER & O-RING)	 9197 BRAZE MALE JIC X METRIC BORE	 9200 MALE JIC X METRIC STANDPIPE
 9203L METRIC LIGHT SERIES TUBE PLUG	 9203S METRIC HEAVY SERIES TUBE PLUG	 9204L METRIC LIGHT SERIES TUBE CAP	 9204S METRIC HEAVY SERIES TUBE CAP	 9235 METRIC MALE X FEMALE NPT
 9325 MALE NPT X FEMALE METRIC	 9335 MALE METRIC X FEMALE O-RING BOSS	 9605 MALE JIC X MALE METRIC DUAL PURPOSE (PORT OR TUBE)	 9606 MALE JIC X MALE METRIC DUAL PURPOSE (PORT OR TUBE)	 9607 MALE NPT X MALE METRIC DUAL PURPOSE (PORT OR TUBE)
 9635 MALE METRIC X FEMALE NPT (DUAL PURPOSE PORT OR TUBE DIN 2353 S OR L)	 9638 METRIC BUSHING	 9066 45° MALE JIC X MALE METRIC ADJ. ELBOW (FORGED STEEL)	 9198 45° MALE JIC X METRIC STANDPIPE	 6069 90° MALE ORFS X MALE METRIC ADJ. ELBOW (FORGED STEEL)
 6168 MALE ORFS X MALE METRIC ADJ. RUN TEE (FORGED STEEL)	 6169 MALE ORFS X MALE METRIC ADJ. BRANCH TEE (FORGED STEEL)	 9168 MALE JIC X MALE METRIC ADJ. RUN TEE (FORGED STEEL)	 9169 MALE JIC X MALE METRIC ADJ. BRANCH TEE (FORGED STEEL)	 9069 90° MALE JIC X MALE METRIC ADJ. ELBOW (FORGED STEEL)
 9069L 90° MALE JIC X MALE METRIC ADJ. LONG ELBOW (FORGED STEEL)	 9199 90° MALE JIC X METRIC STANDPIPE			

BSPT ADAPTERS

 6011 MALE ORFS X MALE BSPT	 9003 BSPP MALE X BSPT MALE NIPPLE	 9008 BSPT X NPT NIPPLE	 9010 BSPT X BSPT NIPPLE	 9011 MALE JIC X MALE BSPT
 9030T MALE BSPT PLUG	 9030TCSIP BSPT HEX COUNTERSUNK PLUG	 9031 MALE BSPT X FEMALE BSPT BUSHING	 9032 MALE BSPT X FEMALE BSPP	 9034 MALE BSPP X FEMALE BSPT
 9042 MALE BSPT X FEMALE NPT	 9223 MALE JIS X MALE BSPT	 9233 MALE KOMATSU X MALE BSPT	 9536 MALE BSPT X FEMALE O-RING BOSS	 9054 45° MALE BSPP X MALE BSPT ELBOW (FORGED STEEL)
 9057 90° MALE BSPP X MALE BSPT (FORGED STEEL)	 9062 90° MALE BSPT X FEMALE BSPP SWIVEL	 9063 90° MALE JIC X MALE BSPT (FORGED STEEL)	 9224 90° MALE JIS X MALE BSPT (FORGED STEEL)	 9064 45° ELBOW MALE JIC X MALE BSPT (FORGED STEEL)

JIS ADAPTERS

 6337 MALE ORFS X MALE JIS UNION -30° SEAT BSPP THREAD	 9220 MALE JIC X FEMALE JIS SOLID -30° SEAT BSPP THREAD	 9221 MALE JIS PLUG -30° SEAT BSPP THREAD	 9222 FEMALE JIS CAP -30° SEAT BSPP THREAD	 9223 MALE JIS X MALE BSPT
 9277 MALE JIS X MALE O-RING BOSS	 9336 MALE JIS UNION -30° SEAT BSPP THREAD	 9337 MALE JIC X MALE JIS UNION -30° SEAT BSPP THREAD	 9338 MALE JIS X MALE NPT	 9999 JIS SEALING SEAT
 9224 10° MALE JIS X MALE BSPT (FORGED STEEL)	 9259 90° MALE JIS X MALE BSPP ADJ. ELBOW (FORGED STEEL)	 9278 MALE JIS X MALE O-RING BOSS ADJ. ELBOW (FORGED STEEL)	 9292 90° MALE X FEMALE JIS ELBOW (FORGED STEEL)	 9225 45° MALE JIS X MALE BSPT (FORGED STEEL)

JIC ADAPTERS

 6620 MALE JIC X FEMALE ORFS	 9017 FEMALE JIC SWIVEL X MALE NPT	 9020 MALE JIC X FEMALE JIC SWIVEL	 9026 FEMALE JIC SWIVEL UNION	 9555 FEMALE JIC SWIVEL TEE	 9355 90° FEMALE JIC SWIVEL ELBOW
------------------------------------	--	--	-------------------------------------	-----------------------------------	---

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com



Global Supply Co (GSC) is a stocking distributor and sales representative in the US for numerous European and American specialty pipe system manufacturers. We would welcome the opportunity to develop contract pricing or individual quotations for our specialty pipe systems, commodity pipe systems, or other ship supply items from packing to steel plate.

A partial list of our specialty pipe system products follows:

Ameron / Bondstrand Fiberglass Pipe System

Georg Fischer Instaflex / iFit Plastic Pipe and Fittings for Hot/Cold Potable water

Georg Fischer Seadrain Plastic Pipe and Fittings for Gravity Drain and Vacuum systems

Georg Fischer PE100 Plastic Pipe and Fittings for Bunkering and Ballast systems

Georg Fischer Plastic pipe and fittings in PVC-U, PVC-C, PP-H, ABS

Viega Copper, Bronze, Stainless, Copper Nickel Press pipe System in Metric and ANSI sizes

Chibropress Stainless Steel Pressfit Pipe System (Mapress)

Cunipress Pressfit Pipe System

Loro Pushfit Pipe System (Mock)

Steckdrain Stainless Steel Pushfit Pipe System (S/S Loro and S/S Mock)

Blucher Stainless steel pushfit pipe system

Straub Couplings

Hy-Lok Tube Fittings

Hermetic Bulkhead Penetrators

Aquatherm / Fusiotherm Polypropylene Pipe System

EMB American and Metric Hydraulic Components (Ermeto)

Manuli Hydraulic hose and Fittings

ASCO Solenoid Actuated Valves

Limitorque Valve Actuators

Wika Gauges and Instrumentation

Watts Backflow Preventers, Check Valves

We also stock and distribute various commodity pipe components and valves:

Pipe and Pipe Fittings in Steel, Stainless Steel, and Copper Nickel.

Metric Hydraulic Components in Steel and Stainless Steel.

Butterfly valves, globe valves, gate valves and ball valves in: ANSI, DIN, and JIS.

Global Supply Company continues to remain a leader in the industrial and marine supply areas. With over 35 years in business and the very finest quality products available, GSC offers service that is second to none with highly competitive pricing. Most products are available from domestic or high quality import manufacturers to help meet your quality and cost goals. With our branch offices located in Mobile, Alabama; Cape Canaveral, Florida and Miami/Ft. Lauderdale Florida, GSC will provide excellent response times and very prompt attention to your needs.

We hope to be of service to you.

GLOBAL SUPPLY CO

590 ANSIN BLVD HALLANDALE, FL 33009

Phone (954)454-1234 Fax (954)454-1244 sales@gscusa.com