

IDK-LOK

Fittings & Valves

Instrumentation Pipe & Weld Fittings

No.03-9
August 2017



Thread Fittings

Close Nipple
GNC  **04**

Hex Nipple
GNH  **04**

Hex Reducing Nipple
GNR  **05**

Hex Nipple
GNH  **05**

Hex Nipple
GNH  **05**

Hex Long Nipple
GNL  **05**

Adapter
GAAMF  **06**

Reducing Adapter
GABMF  **06**

Adapter
GACMF  **06**

Adapter
GADMF  **06**

Reducing Hex Bushing
GHB  **07**

Pipe Cap
GC  **07**

Pipe Plug
GP  **07**


Hex Coupling
GCG  **08**

Hex Reducing Coupling
GCGR  **08**

Union Ball Joint
GJU  **08**

ISO Parallel Copper
GASKET DGC  **08**

Hollow Hex Plug
GPA  **08**

Hollow Hex Plug
GPB  **08**

Snubber Fitting
GS  **09**

Elbow
GL  **09**

Street Elbow
GLS  **09**

Reducing Street Elbow
GLSR  **10**

Male Elbow
GLM  **10**

Tee
GT  **10**

Run Tee
GTR  **10**

Branch Tee
GTB  **11**

Male Tee
GTM  **11**

Cross
GX  **11**



DK-Lok Thread Fittings

Three different ratings are available to fit your specific application.

- Standard rating : page 3
- 10,000 psig : page 12
- 6,000 psig : page 15

DK-Lok Weld Fittings

See page 16

- Tube Socket Weld
- Pipe Butt-weld

Features of DK-Lok Thread Fittings

- Wrench flat body design allowing standard Hex. wrench assembly.
- Attractive finishes to suit precision equipment.
- Much less-weight design compared to Class 3000 pipe fittings.
- Fine pipe thread construction equals or exceeds the requirement of ASME B1.20.1 to ensure maximum thread engagement.
- Male pipe threads capped for protection from damages.
- Fitting materials available in SS316, Brass and Carbon Steel.

Thread Fittings - Standard Rating

DK-Lok Thread Fittings - Standard Rating are designed to the requirements of ASME B31.3 process piping code. The pipe thread sizes are available 1/8" to 1"

Table 1. Pressure Ratings

Size Designator	NPT/ISO Pipe Size	Stainless Steel 316				Brass				Carbon Steel			
		Male		Female		Male		Female		Male		Female	
		bar	psig	bar	psig	bar	psig	bar	psig	bar	psig	bar	psig
2	1/8	689	10,000	420	6,100	337	4,900	207	3,000	689	10,000	420	6,100
4	1/4	558	8,100	434	6,300	275	4,000	214	3,200	558	8,100	434	6,300
6	3/8	524	7,600	345	5,000	262	3,800	172	2,500	524	7,600	345	5,000
8	1/2	517	7,500	324	4,700	255	3,700	158	2,300	517	7,500	324	4,700
12	3/4	496	7,200	303	4,400	248	3,600	152	2,200	496	7,200	303	4,400
16	1	365	5,300	296	4,300	172	2,500	145	2,100	365	5,300	296	4,300

- Pressure ratings listed are for temperature up to 37°C (100°F)
- Pressure rating is calculated at -28 to 37°C (-20 to 100°F) using allowable stress value of 20,000psi for SS316, 10,000psi for Brass, and 20,000psi for Carbon Steel as per ASME B31.3 Process Piping Code.
- To determine the working pressure of ASME B31.1 Power Piping Code, multiply the ASME B31.3 rating by 0.94. Brass pressure ratings remain the same.
- The pressure ratings of reducing hex bushing (GHB), pipe plug (GP), and shaped fittings such as Elbow, Tee, Crosses are not covered in this table. See the pressure rating in the dimensional table.

Table 2. Material Standards and Temperature Range

Materials	Bar Stock	Forgings	Maximum Temperature
Stainless Steel 316	ASTM A276 Type 316 / ASTM A479 Type 316	ASTM A182 F316	537°C (1000°F)
Brass	JIS H3250 C3604 / ASTM B453 C35300	JIS H3250 C3771 / ASTM B283 C37700	204 °C (400 °F)
Carbon Steel	ASTM A108 / JIS G4051 S20C - S48C	ASTM A105 / JIS G4051 S20C - S48C	190 °C (375 °F)

Table 3. Temperature De-rating Factors

Temp.	°F	100	200	300	400	500	600	700	800	900	1,000	1,200
	°C	38	93	149	204	260	316	371	427	482	538	649
Factor	Stainless Steel	1.00	1.00	1.00	0.97	0.90	0.85	0.82	0.80	0.78	0.77	0.49
	Brass	1.00	0.78	0.69	0.13							
	Carbon Steel	1.00	0.94	0.91	0.88							

To determine the allowable working pressure at a specific temperature, multiply the working pressure by the applicable factor shown in table 3. Example: The working pressure of GNC-2N-S at 700 °F. 10 000 psig x 0.82 = 8200 psig.

Table 4. Temperature Ratings of O-ring, Gasket Materials

System temperature may be limited by the O-ring, Gasket material or thread sealant.

Component	Applicable Part #	Material	Temperature Ratings
O-ring	Designator : BN	NBR	-20 to 105°C (-4 to 221°F)
	Designator : VT	FKM	-28 to 204°C (-18 to 400°F)
	Designator : KZ	FFKM	-30 to 275°C (-22 to 527°F)
Copper Gasket	DGC-	Copper	-198 to 204°C (-324 to 400°F)
NBR bonded Gasket	DGB-	NBR bonded Carbon Steel Ring	-40 to 110°C (-40 to 230°F)
FKM bonded Gasket	DGV-	FKM bonded bonded Stainless Steel Ring	-28 to 204°C (-20 to 400°F)

Table 5. Pipe Thread Designator

Designator	Pipe	NPT ASME B1.20.1	ISO Thread	
			Tapered ISO 7-1	Parallel ISO 228-1
2	1/8	2N	2R	2G
4	1/4	4N	4R	4G
6	3/8	6N	6R	6G
8	1/2	8N	8R	8G
12	3/4	12N	12R	12G
16	1	16N	16R	16G

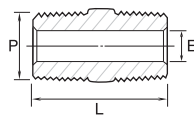
How to order

Select the desired fitting basic part number, and add a material designator below. Example: GL-2N-S

Material	SS 316 / 316L Dual Grade	Carbon Steel	Brass
Material Designator	S	C	B

CLOSE NIPPLE

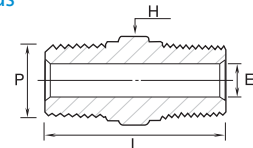
GNC Male NPT both ends



Part Number	P NPT in.	L mm	E mm
GNC- 2N	1/8	19.05	4.8
GNC- 4N	1/4	28.4	7.1
GNC- 6N	3/8	28.4	9.6
GNC- 8N	1/2	38.1	11.9
GNC-12N	3/4	38.1	15.7
GNC-16N	1	47.8	22.4

HEX NIPPLE

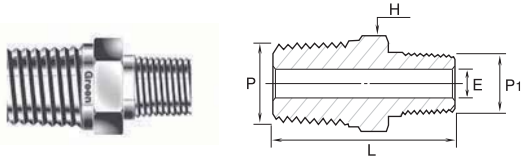
GNH Male NPT both ends



Part Number	P NPT in.	L mm	E mm	H Hex mm
GNH- 2N	1/8	25.65	4.8	11.1
GNH- 4N	1/4	35.56	7.1	14.2
GNH- 6N	3/8	36.32	9.6	17.4
GNH- 8N	1/2	46.73	11.9	22.2
GNH-12N	3/4	46.73	15.7	26.9
GNH-16N	1	58.92	22.3	34.9

HEX REDUCING NIPPLE

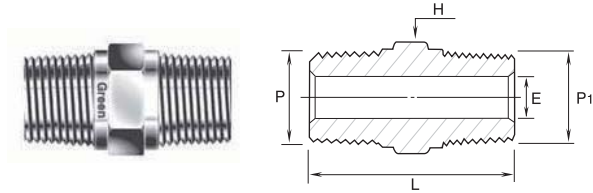
GNR Male NPT to reduced male NPT



Part Number	P NPT in.	P1 Reduced NPT in.	L mm	E mm	H Hex mm
GNR 4-2N	1/4	1/8	30.7	4.8	14.2
GNR 6-2N	3/8	1/8	32.0	4.8	17.4
GNR 6-4N	3/8	1/4	36.1	7.1	17.4
GNR 8-2N	1/2	1/8	37.2	4.8	22.2
GNR 8-4N	1/2	1/4	41.7	7.1	22.2
GNR 8-6N	1/2	3/8	41.7	9.6	22.2
GNR 12-4N	3/4	1/4	41.7	7.1	26.9
GNR 12-8N	3/4	1/2	46.7	11.9	26.9
GNR 16-4N	1	1/4	49.3	7.1	34.9
GNR 16-8N	1	1/2	54.1	11.9	34.9

HEX NIPPLE

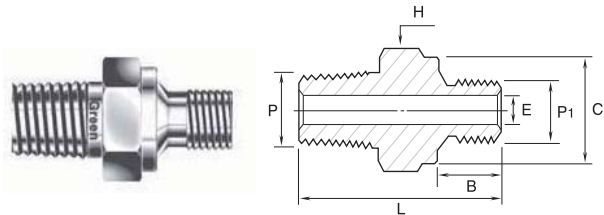
GNH Male NPT to ISO tapered



Part Number	P NPT in.	P1 ISO Thread Size	L mm	E mm	H Hex mm
GNH- 2NR	1/8	1/8-28 (7-1)	24.6	4.8	11.1
GNH- 4NR	1/4	1/4-19 (7-1)	35.6	7.1	14.2
GNH- 6NR	3/8	3/8-19 (7-1)	36.3	9.6	17.4
GNH- 8NR	1/2	1/2-14 (7-1)	46.7	11.9	22.2
GNH-12NR	3/4	3/4-14 (7-1)	46.7	15.7	26.9
GNH-16NR	1	1-11 (7-1)	58.9	22.4	34.9

HEX NIPPLE

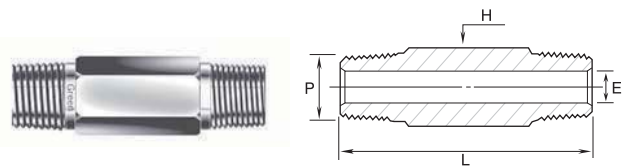
GNH Male NPT to male ISO parallel



Part Number	P NPT in.	P1 ISO Thread Size	L mm	B mm	C mm	E mm	H Hex mm
GNH- 2NG	1/8	1/8-28 (228-1)	27.4	7.1	13.7	4.1	14.2
GNH- 4NG	1/4	1/4-19 (228-1)	36.8	11.2	17.8	5.8	19.05
GNH- 6NG	3/8	3/8-19 (228-1)	37.6	11.2	21.8	7.9	22.2
GNH- 8NG	1/2	1/2-14 (228-1)	45.0	14.2	26.1	11.9	26.9
GNH-12NG	3/4	3/4-14 (228-1)	49.0	15.7	31.5	15.7	33.3
GNH-16NG	1	1-11 (228-1)	56.9	18.3	38.9	19.8	41

HEX LONG NIPPLE

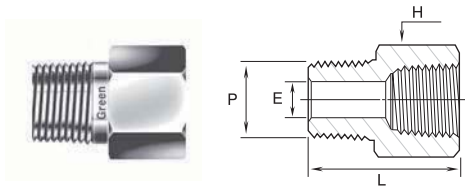
GNL Male NPT both ends



Part Number	P NPT in.	L mm	E mm	H Hex mm
GNL- 2N	1/8	★	4.8	11.1
GNL- 4N	1/4	★	7.1	14.2
GNL- 6N	3/8	★	9.7	17.4
GNL- 8N	1/2	★	11.9	22.2
GNL-12N	3/4	★	15.7	26.9
GNL-16N	1	★	22.4	34.9

ADAPTER

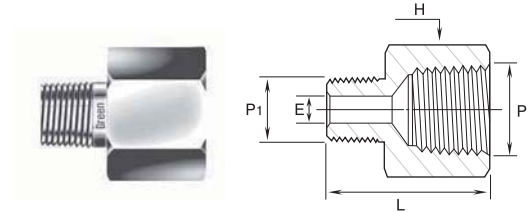
GAAMF Male NPT to equal female NPT



Part Number	P NPT in.	L mm	E mm	H Hex mm
GAAMF- 2N	1/8	27.94	4.8	14.2
GAAMF- 4N	1/4	35.56	7.1	19.05
GAAMF- 6N	3/8	38.35	9.6	22.2
GAAMF- 8N	1/2	49.27	11.9	26.9
GAAMF-12N	3/4	51.3	15.7	33.3
GAAMF-16N	1	57.91	22.3	41.2

REDUCING ADAPTER

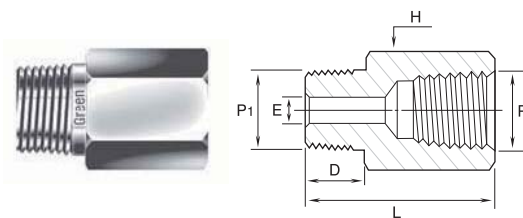
GABMF Male NPT to larger female NPT



Part Number	P1 Male NPT in.	P Female NPT in.	L mm	E mm	H Hex mm
GABMF 2- 4N	1/8	1/4	31.5	4.8	19.05
GABMF 2- 6N	1/8	3/8	33.5	4.8	22.2
GABMF 4- 6N	1/4	3/8	37.8	7.1	22.2
GABMF 2- 8N	1/8	1/2	40.0	4.8	26.9
GABMF 4- 8N	1/4	1/2	44.5	7.1	26.9
GABMF 6- 8N	3/8	1/2	44.5	9.6	26.9
GABMF 4-12N	1/4	3/4	45.7	7.1	33.3
GABMF 6-12N	3/8	3/4	45.7	9.6	33.3
GABMF 8-12N	1/2	3/4	51.1	11.9	33.3
GABMF 4-16N	1/4	1	50.8	7.1	41.2
GABMF 8-16N	1/2	1	54.9	11.9	41.2
GABMF 12-16N	3/4	1	55.1	15.7	41.2

ADAPTER

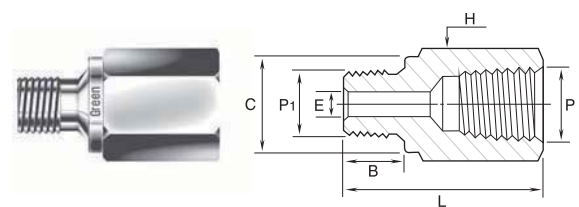
GACMF Male ISO tapered to Female NPT



Part Number	P NPT in.	P1 ISO Thread Size	L mm	D mm	E mm	H Hex mm
GACMF- 2RN	1/8	1/8-28 (7-1)	27.4	9.7	4.8	14.2
GACMF- 4RN	1/4	1/4-19 (7-1)	35.8	14.2	7.1	19.05
GACMF- 6RN	3/8	3/8-19 (7-1)	37.6	14.2	9.7	22.2
GACMF- 8RN	1/2	1/2-14 (7-1)	49.0	19.1	11.9	26.9
GACMF-12RN	3/4	3/4-14 (7-1)	50.3	19.1	15.7	33.3
GACMF-16RN	1	1-11 (7-1)	58.0	23.9	22.3	41.2

ADAPTER

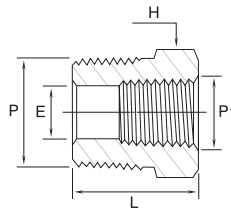
GADMF Male ISO parallel to female NPT



Part Number	P NPT in.	P1 ISO Thread Size	L mm	B mm	C mm	E mm	H Hex mm
GADMF- 2GN	1/8	1/8-28 (228-1)	24.9	7.1	13.7	4.1	14.2
GADMF- 4GN	1/4	1/4-19 (228-1)	33.3	11.2	17.8	5.8	19.05
GADMF- 6GN	3/8	3/8-19 (228-1)	37.8	11.2	21.8	7.9	22.2
GADMF- 8GN	1/2	1/2-14 (228-1)	43.9	14.2	26.1	11.9	26.9
GADMF-12GN	3/4	3/4-14 (228-1)	50.8	15.7	31.5	15.7	33.3
GADMF-16GN	1	1-11 (228-1)	53.1	18.3	38.9	19.8	41.2

REDUCING HEX BUSHING

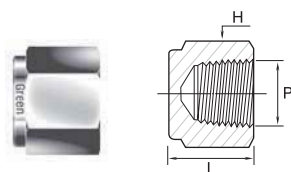
GHB Male NPT to reduced female NPT



Part Number	P Male NPT in.	P1 Female NPT in.	L mm	E mm	H Hex mm	Working Pressure bar (psig)	
						SS316,C.Steel	Brass
GHB 4- 2N	1/4	1/8	26.7	7.1	14.2	447 (6400)	227 (3200)
GHB 6- 2N	3/8	1/8	21.8	8.5	17.4	633 (9100)	323 (4600)
GHB 6- 4N	3/8	1/4	30.0	9.6	19.05	454 (6500)	227 (3200)
GHB 8- 2N	1/2	1/8	27.4	8.5	22.2	840 (12100)	427 (6100)
GHB 8- 4N	1/2	1/4	27.4	11.7	22.2	571 (8200)	303 (4300)
GHB 8- 6N	1/2	3/8	35.6	11.9	22.2	365 (5200)	179 (2500)
GHB12- 4N	3/4	1/4	27.4	11.4	26.9	826 (11900)	413 (5900)
GHB12- 6N	3/4	3/8	27.4	15.0	26.9	564 (8100)	296 (4200)
GHB12- 8N	3/4	1/2	41.4	15.7	26.9	337 (4800)	165 (2300)
GHB16- 4N	1	1/4	34.8	11.4	34.9	999 (14400)	509 (7300)
GHB16- 8N	1	1/2	34.8	18.5	34.9	592 (8500)	296 (4200)
GHB16-12N	1	3/4	34.8	22.4	34.9	365 (5200)	179 (2500)

PIPE CAP

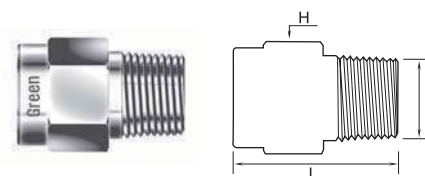
GC Female NPT



Part Number	P NPT in.	L mm	H Hex mm
GC- 2N	1/8	19.1	14.2
GC- 4N	1/4	22.9	19.05
GC- 6N	3/8	26.2	22.2
GC- 8N	1/2	34.0	26.9
GC-12N	3/4	36.6	33.3
GC-16N	1	41.1	41.2

PIPE PLUG

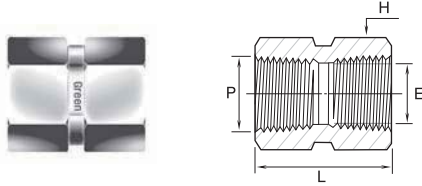
GP Male NPT



Part Number	P NPT in.	L mm	H Hex mm
GP- 2N	1/8	19.05	11.1
GP- 4N	1/4	24.1	14.2
GP- 6N	3/8	25	17.4
GP- 8N	1/2	30.5	22.2
GP-12N	3/4	30.5	26.9
GP-16N	1	38.1	34.9

HEX COUPLING

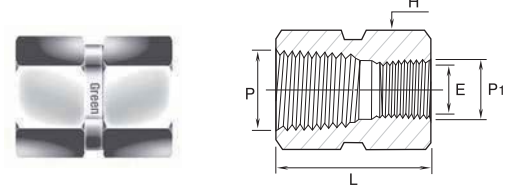
GCG Female NPT both ends



Part Number	P NPT in.	L mm	E mm	H Hex mm
GCG-2N	1/8	20.57	8.9	14.2
GCG-4N	1/4	30.22	10.87	19.05
GCG-6N	3/8	33.27	15.0	22.2
GCG-8N	1/2	39.62	18.7	26.9
GCG-12N	3/4	41.14	23.5	33.3
GCG-16N	1	50.8	29.7	41.2

HEX REDUCING COUPLING

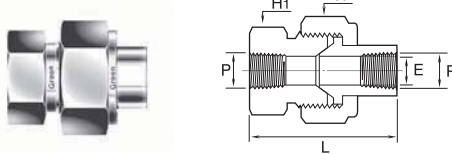
GCGR Female NPT to reduced female NPT



Part Number	P NPT in.	P1 Reduced NPT in.	L mm	E mm	H Hex mm
GCGR 4-2N	1/4	1/8	31.2	8.9	19.05
GCGR 6-4N	3/8	1/4	34.8	11.7	22.2
GCGR 8-2N	1/2	1/8	39.4	8.7	26.9
GCGR 8-4N	1/2	1/4	44.2	11.7	26.9
GCGR 8-6N	1/2	3/8	45.0	15.0	26.9
GCGR 12-4N	3/4	1/4	45.7	11.7	33.3
GCGR 16-12N	1	3/4	57.0	23.5	41.2

UNION BALL JOINT

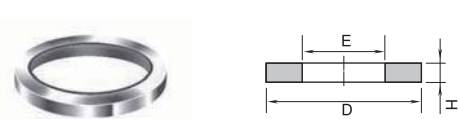
GJU Female NPT both ends



Part Number	P NPT in.	L mm	E mm	H Hex mm	H1 Wrench Flat mm
GJU-2N	1/8	45.7	6.9	28.6	23.8
GJU-4N	1/4	59.4	9.1	34.9	30.2
GJU-6N	3/8	63.5	13.2	38.1	33.3
GJU-8N	1/2	68.6	15.7	44.5	41.3
GJU-12N	3/4	79.2	22.4	50.8	47.6
GJU-16N	1	90.4	26.2	63.5	60.3

ISO PARALLEL COPPER GASKET

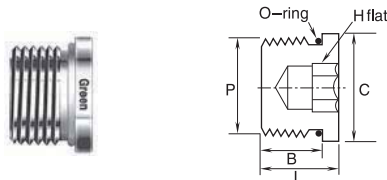
DGC For ISO Parallel male thread



Part Number	ISO 228-1	E mm	H mm	D mm
DGC-2	1/8	9.9	1.0	15.0
DGC-4	1/4	13.2	1.5	19.1
DGC-6	3/8	16.8	1.5	23.1
DGC-8	1/2	21.1	1.5	26.9
DGC-12	3/4	26.7	2.0	33.0
DGC-16	1	33.3	2.0	40.1

HOLLOW HEX PLUG

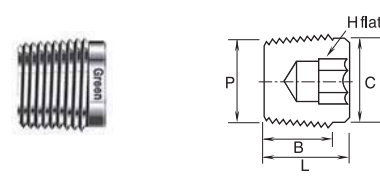
GPA Male SAE/MS Straight Thread



Part Number	P SAE/MS Thread	L mm	B mm	C mm	H mm	Uniform O-ring Size
GPA-4U	7/16-20	11.4	9.1	14.2	4.76	-904
GPA-6U	9/16-18	12.2	9.9	17.5	6.35	-906
GPA-8U	3/4-16	14.2	11.2	22.4	7.93	-908
GPA-12U	1 1/16-12	19.1	15.0	31.8	14.28	-912
GPA-16U	1 5/16-12	19.1	15.0	38.1	15.87	-916

HOLLOW HEX PLUG

GPB Male NPT

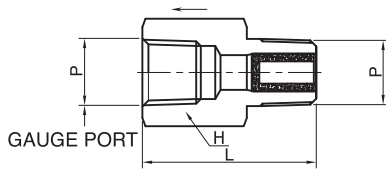


Part Number	P NPT in.	L mm	B mm	C mm	H mm
GPB-2N	1/8	10.4	7.4	9.4	4.76
GPB-4N	1/4	15.5	12.4	12.1	6.35
GPB-6N	3/8	15.0	11.9	15.7	7.93
GPB-8N	1/2	19.3	16.2	19.3	9.52

SNUBBER FITTING GS

Snubber fitting consists of fitting and sintered SS316 element. This protects pressure gauge or instruments from system pressure surge and shock.

The sintered element damps (snubs) the line pressure shock but it eventually allows the gauge to readout the line pressure, reducing the gauge's response time.

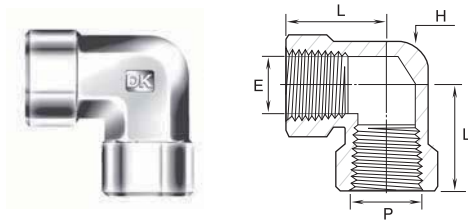


Part Number	P NPT in.	L mm	H mm	Working Pressure at 20°C (70°F) bar(psig)	
				SS316	Brass
GS-MF-4N-05*	1/4	35.6	3/4	303 (4400)	151 (2200)
GS-MF-8N-05*	1/2	49.3	1 1/16	337 (4900)	165 (2400)

Element Designator*	Pore Size Range, μm	Element Porosity	Cv
05	0.5 - 2	17%	0.046
2	1 - 4	22%	0.056
7	5 - 10	27%	0.12
15	11 - 25	36%	0.13
60	50 - 75	44%	0.38
90	75 - 110	45%	0.50

ELBOW

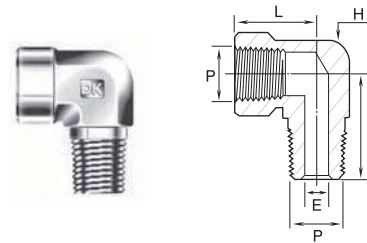
GL Female NPT both ends



Part Number	P NPT in.	L mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
					SS316, C.Steel	Brass
GL- 2N	1/8	24.1	8.9	12.7	6200 (427)	3100 (213)
GL- 4N	1/4	29.0	11.7	17.5	7200 (496)	3600 (248)
GL- 6N	3/8	34.5	15.0	20.6	5600 (385)	2800 (192)
GL- 8N	1/2	37.0	18.7	25.4	5600 (385)	2800 (192)
GL-12N	3/4	46.5	23.5	31.8	5100 (351)	2500 (172)
GL-16N	1	48.8	29.7	42.9	6400 (440)	3200 (220)

STREET ELBOW

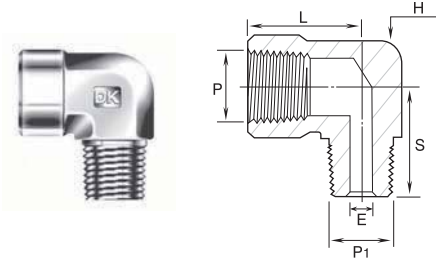
GLS Female to male NPT



Part Number	P NPT in.	L mm	S mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
						SS316, C.Steel	Brass
GLS- 2N	1/8	24.1	19.6	4.8	12.7	6200 (427)	3100 (213)
GLS- 4N	1/4	29.0	26.5	7.1	17.5	7200 (496)	3600 (248)
GLS- 6N	3/8	34.5	28.2	9.6	20.6	5600 (385)	2800 (192)
GLS- 8N	1/2	37.0	35.3	11.9	25.4	5600 (385)	2800 (192)
GLS-12N	3/4	46.5	39.6	15.7	31.8	5100 (351)	2500 (172)
GLS-16N	1	48.8	49.2	22.3	42.9	5300 (365)	2600 (179)

REDUCING STREET ELBOW

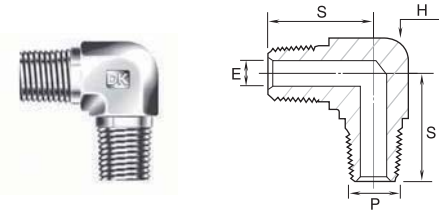
GLSR Female to reduced Male NPT



Part Number	P NPT in.	P1 Male NPT in.	L mm	S mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
							SS316, C.Steel	Brass
GLSR 4-2N	1/4	1/8	29.0	22.4	4.8	17.5	7200 (496)	3600 (248)
GLSR 6-4N	3/8	1/4	34.5	28.2	7.1	20.6	5600 (385)	2800 (192)
GLSR 8-4N	1/2	1/4	37.0	30.5	7.1	25.4	5600 (385)	2800 (192)
GLSR 8-6N	1/2	3/8	37.0	30.5	9.6	25.4	5600 (385)	2800 (192)
GLSR12-8N	3/4	1/2	46.5	41.6	11.9	31.8	5100 (351)	2500 (172)
GLSR16-8N	1	1/2	48.8	45.5	11.9	42.9	5300 (365)	2600 (179)

MALE ELBOW

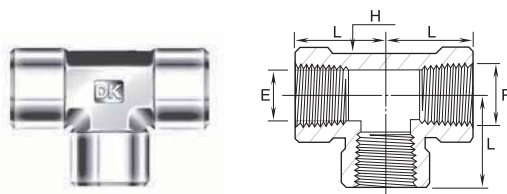
GLM Male NPT both ends



Part Number	P NPT in.	S mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
					SS316, C.Steel	Brass
GLM - 2N	1/8	19.05	4.8	12.7	10000 (689)	5000 (344)
GLM - 4N	1/4	24.5	7.1	12.7	8000 (551)	4000 (275)
GLM - 6N	3/8	26.9	9.6	17.5	7800 (537)	3900 (268)
GLM - 8N	1/2	33.2	11.9	20.6	7700 (530)	3800 (261)
GLM - 12N	3/4	35.3	15.7	25.4	7300 (502)	3600 (248)
GLM - 16N	1	44.5	22.3	31.8	5300 (365)	2600 (179)

TEE

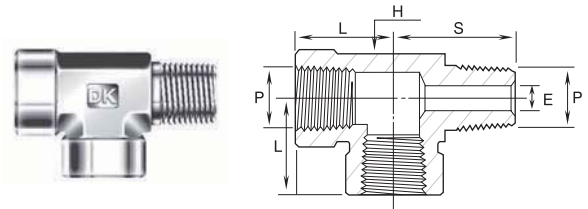
GT Female NPT



Part Number	P NPT in.	L mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
					SS316, C.Steel	Brass
GT- 2N	1/8	24.1	8.9	12.7	6200 (427)	3100 (213)
GT- 4N	1/4	29.0	11.7	17.5	7200 (496)	3600 (248)
GT- 6N	3/8	34.5	15.0	20.6	5600 (385)	2800 (192)
GT- 8N	1/2	37.0	18.7	25.4	5600 (385)	2800 (192)
GT-12N	3/4	46.5	23.5	31.8	5100 (351)	2500 (172)
GT-16N	1	48.8	29.7	42.9	6400 (440)	3200 (220)

RUN TEE

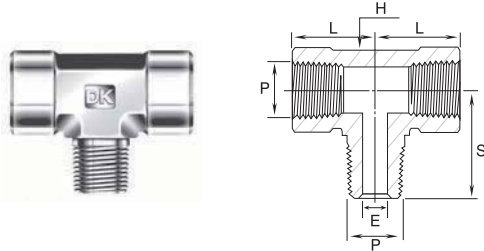
GTR Female to male to female NPT



Part Number	P NPT in.	L mm	S mm	E mm	H Wrench Flat mm	Pressure Rating psi (bar)	
						SS316, C.Steel	Brass
GTR- 2N	1/8	24.1	19.6	4.8	12.7	6200 (427)	3100 (213)
GTR- 4N	1/4	29.0	26.5	7.1	17.5	7200 (496)	3600 (248)
GTR- 6N	3/8	34.5	28.2	9.6	20.6	5600 (385)	2800 (192)
GTR- 8N	1/2	37.0	35.3	11.9	25.4	5600 (385)	2800 (192)
GTR-12N	3/4	46.5	39.6	15.7	31.8	5100 (351)	2500 (172)
GTR-16N	1	48.8	49.2	22.3	42.9	5300 (365)	2600 (179)

BRANCH TEE

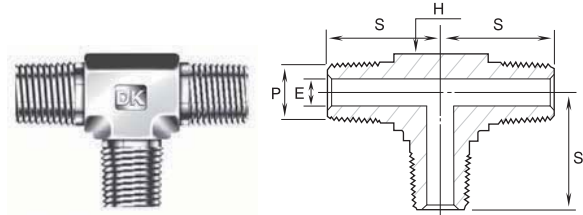
GTB Female to female to male NPT



Part Number	P NPT in.	L mm	S mm	E mm	H Wrench Flat mm	Pressure Ratings, psig(bar)	
						SS316, C.Steel	Brass
GTB-2N	1/8	24.1	19.6	4.8	12.7	6200 (427)	3100 (213)
GTB-4N	1/4	29.0	26.5	7.1	17.5	7200 (496)	3600 (248)
GTB-6N	3/8	34.5	28.2	9.6	20.6	5600 (385)	2800 (192)
GTB-8N	1/2	37.0	35.3	11.9	25.4	5600 (385)	2800 (192)
GTB-12N	3/4	46.5	39.6	15.7	31.8	5100 (351)	2500 (172)
GTB-16N	1	48.8	49.2	22.3	42.9	5300 (365)	2600 (179)

MALE TEE

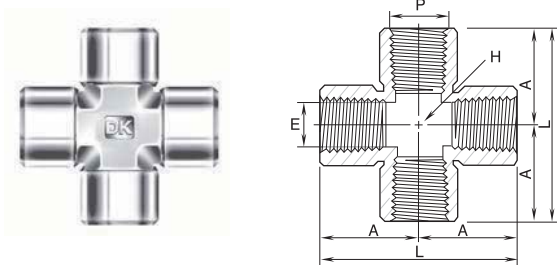
GTM Male NPT



Part Number	P NPT in.	S mm	E mm	H Wrench Flat mm	Pressure Ratings, psig(bar)	
					SS316, C.Steel	Brass
GTM-2N	1/8	19.05	4.8	12.7	10000 (689)	5000 (344)
GTM-4N	1/4	24.5	7.1	12.7	8000 (551)	4000 (275)
GTM-6N	3/8	26.9	9.6	17.5	7800 (537)	3900 (268)
GTM-8N	1/2	33.2	11.9	20.6	7700 (530)	3800 (261)
GTM-12N	3/4	35.3	15.7	25.4	7300 (502)	3600 (248)
GTM-16N	1	44.5	22.3	31.8	5300 (365)	2600 (179)

CROSS

GX Female NPT



Part Number	P NPT in.	L mm	E mm	H Wrench Flat mm	Pressure Ratings, psig(bar)	
					SS316, C.Steel	Brass
GX-2N	1/8	48.2	8.6	12.7	6200 (427)	3100 (213)
GX-4N	1/4	58.0	11.4	17.5	7200 (496)	3600 (248)
GX-6N	3/8	69.0	15.0	20.6	5600 (385)	2800 (192)
GX-8N	1/2	74.0	18.5	25.4	5600 (385)	2800 (192)
GX-12N	3/4	93.0	23.9	31.8	5100 (351)	2500 (172)
GX-16N	1	97.6	29.7	42.9	5300 (365)	2600 (179)