

High Pressure Adapters



High Pressure is a 58/60 degree coned and threaded tubing design. With small bore sizes, they have a **maximum working pressure rating of 60,000 psi.**

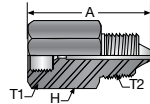
Advantages:

- An industry standard for use at elevated pressures
- Suitable for repetitive assembly and disassembly

Thread Sizes - determined by tubing OD:

- 04 1/4" O.D. x 0.08" I.D. — 9/16"-18 male thread on gland nut
- 06 3/8" O.D. x 0.12" I.D. — 3/4"-16 male thread on gland nut
- 09 9/16" O.D. x 0.18" I.D. — 1-1/8"-12 male thread on gland nut

6YY6 — Female High Pressure x Male High Pressure



Part Number	T1 Thread Size	T2 Thread Size	A Overall Length		H Hex		Maximum Working Pressure	
			inch	mm	inch	mm	psi	bar
#								
6YY6-4-6C	9/16"-18 UNF	3/4"-16 UNF	1.75	44.45	0.75	19.05	60,000	4,140
6YY6-4-9C	9/16"-18 UNF	1-1/8"-12 UNF	2.12	53.85	1.12	28.45	60,000	4,140
6YY6-6-4C	3/4"-16 UNF	9/16"-18 UNF	1.50	38.10	1.00	25.40	60,000	4,140
6YY6-6-9C	3/4"-16 UNF	1-1/8"-12 UNF	2.12	53.85	1.12	28.45	60,000	4,140
6YY6-9-4C	1-1/8"-12 UNF	9/16"-18 UNF	1.75	44.45	1.37	34.80	60,000	4,140
6YY6-9-6C	1-1/8"-12 UNF	3/4"-16 UNF	1.87	47.50	1.37	34.80	60,000	4,140
6YY6-9-9C	1-1/8"-12 UNF	1-1/8"-12 UNF	2.26	57.40	1.375	34.93	60,000	4,140

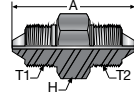


WARNING

This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

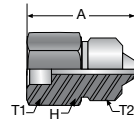
High Pressure Adapters

Y6Y6 — Male High Pressure x Male High Pressure



Part Number	T1 Thread Size	T2 Thread Size	A Overall Length		H Hex		Maximum Working Pressure	
			inch	mm	inch	mm	psi	bar
#								
Y6Y6-4-4C	9/16"-18 UNF	9/16"-18 UNF	1.68	42.67	0.62	15.75	60,000	4,140
Y6Y6-4-6C	9/16"-18 UNF	3/4"-16 UNF	2.06	52.32	0.75	19.05	60,000	4,140
Y6Y6-4-9C	9/16"-18 UNF	1-1/8"-12 UNF	2.25	57.15	1.12	28.45	60,000	4,140
Y6Y6-6-6C	3/4"-16 UNF	3/4"-16 UNF	2.25	57.15	0.75	19.05	60,000	4,140
Y6Y6-6-9C	3/4"-16 UNF	1-1/8"-12 UNF	2.50	63.50	1.12	28.45	60,000	4,140
Y6Y6-9-9C	1-1/8"-12 UNF	1-1/8"-12 UNF	2.62	66.55	1.12	28.45	60,000	4,140

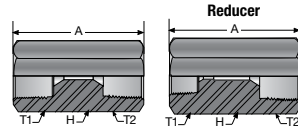
X6Y6 — Low Angle Face Seal x Male High Pressure



Part Number	T1 Thread Size	T2 Thread Size	A Overall Length		H Hex		Maximum Working Pressure	
			inch	mm	inch	mm	psi	bar
#								
X6Y6-6-9C*	9/16"-18 UNF	1-1/8"-12 UNF	2.00	50.80	1.125	28.58	60,000	4,140

*Non-standard part - may require longer lead time

6Y6Y — Female / Female High Pressure, Straight Coupling



Part Number	T1 Thread Size	T2 Thread Size	A Overall Length		H Hex		Maximum Working Pressure	
			inch	mm	inch	mm	psi	bar
#								
6Y6Y-4-4C	9/16"-18 UNF	9/16"-18 UNF	1.75	44.45	1.00	25.40	60,000	4,140
6Y6Y-6-6C	3/4"-16 UNF	3/4"-16 UNF	2.00	50.80	1.00	25.40	60,000	4,140
6Y6Y-9-9C	1-1/8"-12 UNF	1-1/8"-12 UNF	2.37	60.20	1.37	34.80	60,000	4,140

Reducer Coupling

			inch	mm	inch	mm	psi	bar
6Y6Y-4-6C	9/16"-18 UNF	3/4"-16 UNF	1.62	41.15	1.00	25.40	60,000	4,140
6Y6Y-4-9C	9/16"-18 UNF	1-1/8"-12 UNF	1.75	44.45	1.37	34.80	60,000	4,140
6Y6Y-6-9C	3/4"-16 UNF	1-1/8"-12 UNF	2.00	50.80	1.37	34.80	60,000	4,140



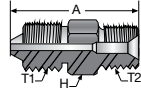
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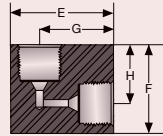
Y6D9 — Male High Pressure x Male BSP



Part Number	T1 Thread Size	T2 Thread Size	A Overall Length		H Hex		Maximum Working Pressure	
			inch	mm	inch	mm	psi	bar
#								
Y6D9-4-6C	9/16"-18 UNF	G3/8-19	1.57	39.88	0.875	22.23	30,000*	2,070*
Y6D9-6-6C	3/4"-16 UNF	G3/8-19	1.85	46.99	0.875	22.23	30,000*	2,070*

*BSP connection end lowers working pressure to 30,000psi

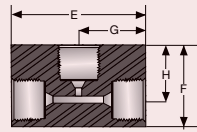
L6Y — High Pressure Elbow



Part Number	Thread Size	Thick-ness	E		F		G		H		Max. Working Pressure	
			inch	mm	inch	mm	inch	mm	inch	mm	psi	bar
#												
L6Y-4C	9/16"-18 UNF	1.00	1.37	34.80	1.50	38.10	0.87	22.10	1.00	25.40	60,000	4,140
L6Y-6C	3/4"-16 UNF	1.00	1.75	44.45	1.50	38.10	1.25	31.75	1.00	25.40	60,000	4,140
L6Y-9C	1-1/8"-12 UNF	1.50	2.62	66.55	1.87	47.50	1.12	28.45	1.12	28.45	60,000	4,140

DISCONTINUED

T6Y — High Pressure Tee



Part Number	Thread Size	Thick-ness	E		F		G		H		Max. Working Pressure	
			inch	mm	inch	mm	inch	mm	inch	mm	psi	bar
#												
T6Y-4C	9/16"-18 UNF	1.00	2.00	50.80	1.37	34.80	1.00	25.40	0.87	22.10	60,000	4,140
T6Y-6C	3/4"-16 UNF	1.00	2.00	50.80	1.56	39.62	1.00	25.40	1.06	26.92	60,000	4,140
T6Y-9C	1-1/8"-12 UNF	1.50	2.62	66.55	2.12	53.85	1.62	41.15	1.37	34.80	60,000	4,140

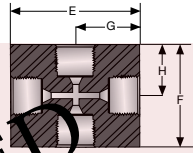


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Hose
 A
 Fittings
 B
 Adapters & Valves
 C
 Quick Couplings
 D
 Accessories
 E
 General Technical
 F

High Pressure Adapters



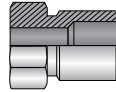
X6Y — High Pressure Cross

Part Number	Thread Size	Thick-ness	E		F		G		H		Max. Working Pressure	
			inch	mm	inch	mm	inch	mm	inch	mm	psi	bar
#												
X6Y-4C	9/16"-18 UNF	1.00	2.00	50.80	1.50	38.10	1.00	25.40	0.75	19.05	60,000	4,140
X6Y-6C	3/4"-16 UNF	1.00	2.12	53.85	2.00	50.80	1.06	26.92	1.00	25.40	60,000	4,140
X6Y-9C	1-1/8"-12 UNF	1.50	2.75	69.85	2.62	66.55	1.37	34.80	1.31	33.27	60,000	4,140

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Y4N — High Pressure Gland Nut

Part Number	Thread Size	Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm
#					
Y4N-4C	9/16"-18 UNF	0.625	15.89	60,000	4,140
Y4N-6C	3/4"-16 UNF	0.813	20.64	60,000	4,140
Y4N-9C	1-1/8"-12 UNF	1.188	30.16	60,000	4,140

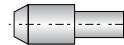


Y4C High Pressure Collar



Part Number	Thread Size	Max. Working Pressure	
		psi	bar
#			
Y4C-4C	1/4"-28 UNF LH	60,000	4,140
Y4C-6C	3/8"-24 UNF LH	60,000	4,140
Y4C-9C	9/16"-18 UNF LH	60,000	4,140

HBPBM High Pressure Plug



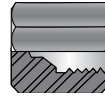
Part Number	Tube Size (O.D.)	Max. Working Pressure	
		psi	bar
#			
HBPBM4-B	1/4"	60,000	4,140
HBPBM6-B	3/8"	60,000	4,140
HBPBM9-B	9/16"	60,000	4,140



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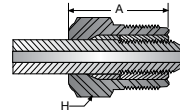
High Pressure Adapters



High Pressure Caps

Part Number	Thread Size	Overall Length		Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm
#							
6Y4C-CAP	1/4" HP	1.07	27.18	0.875	22.23	60,000	4,140
6Y6C-CAP	3/8" HP	1.26	32.00	1.000	25.40	60,000	4,140
6Y9C-CAP	9/16" HP	1.50	38.10	1.375	34.93	60,000	4,140

Locking Nut/Collar Anti-Vibration



Part Number	Tube Size (O.D.)	Thread Size	A Length		H Hex	
			inch	mm	inch	mm
#						
KCGL40-316-ACL40*	1/4" HP	9/16"-18 UNF	0.68	17.27	0.63	16.00
KCGL60-316-ACL60	3/8" HP	3/4"-16 UNF	1.06	26.92	0.68	17.27
KCGL90-316-ACL90	9/16" HP	1-1/8"-12 UNF	1.56	39.62	1.68	42.67

*Non-standard part - may require longer lead time

Y404, Y406 and Y409 High Pressure Nipple



Length	1/4" O.D.	3/8" O.D.	9/16" O.D.
2.75"	Y404-0275C		
3"	Y404-0300C	Y406-0300C	
4"	Y404-0400C	Y406-0400C	Y409-0400C
6"	Y404-0600C	Y406-0600C	Y409-0600C
8"	Y404-0800C	Y406-0800C	Y409-0800C
10"	Y404-1000C*	Y406-1000C	Y409-1000C*
12"	Y404-1200C	Y406-1200C	Y409-1200C*

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