

Quick Couplings

Rogan Series
C-Series Hydraulic



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Quick Coupling Nomenclature

Hose
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Quick Coupling Part Numbers (Rogan Series)

The part number description given to the Rogan Series (Walther Quick Couplings) is as follows:

Example: HP006-0-NMC

HP006-0-NMC – **Thru Hole Size** (HP006 = .24", or 6mm, nominal thru hole diameter)
HP006-**0**-NMC – **Component Type** (0 = Female coupler with check valve)
HP006-0-**N**MC – **Connection Type** (N = NPT)
HP006-0-N**M**C – **Connection Gender** (M = Male)
HP006-0-NM**C** – **Connection Size** (C = 3/8" NPT)

Thru Hole Size	
HP006	.24", or 6mm, nominal thru hole diameter
HP010	.40", or 10mm, nominal thru hole diameter

Component Type	
0	Female coupler with check valve
1	Male nipple w/o check valve (straight through)
2	Male nipple with check valve

Thread Form							
Connection Type		Connection Gender		Connection Size			
H	High Pressure	M	Male	4	1/4"		
L	Medium Pressure	F	Female	6	3/8"		
A	Type "M"			9	9/16"		
N	NPT			12	3/4"		
X	Low Angle Face Seal			16	1"		
				B	1/4" NPT		
				C	3/8" NPT		
				D	1/2" NPT		

Fittings
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Quick Coupling Nomenclature

Quick Coupling Part Numbers (C Series)

The part number description given to the C Series couplings is as shown below. This description is for couplings only. The part numbers for quick coupling adapters will deviate from this structure.

Example: C10-116-1202

C10 -116-1202 – Part Type	[C10 = Coupling Component]
C10- 116 -1202 – Series	[116 = Max. Working Pressure of 21,760 psi]
C10-116- 1 202 – Component Type	[1 = Coupler]
C10-116-1 2 02 – Connection	[2 = BSP]
C10-116-12 0 2 – Gender	[0 = Female]
C10-116-120 2 – Size	[2 = 1/4"]

Part Type	
C10	Coupling component
C19	Adapter

Series	
115	Working pressure of 14,500 psi (100 MPa)
116	Working pressure of 21,760 psi (150 MPa)
125	Working pressure of 29,000 psi (200 MPa)
950	Adapters only - Working pressures up to 43,500 psi (300 MPa)

Part Type - Couplings only, not applicable to adapters	
1	Coupler
6	Nipple
5	Nipple w/o Check Valve

Thread Form - Couplings only, not applicable to adapters					
Connection Type		Connection Gender		Connection Size	
2	BSP	5	Male	1	1/8"
4	NPT	0	Female	2	1/4"
		2	Female w/ built-in locking device	4	3/8"

Rogan Series Quick Couplings



Rogan series quick couplings are versatile connecting devices that permit easy and rapid joining of hose assemblies to your system. Each coupling is assembled and pressure tested to at least 5,000 psi above its maximum rated working pressure. Couplings with check-valves can withstand the full working pressure in the disconnected condition. The standard seal material is Nitrile, however, Viton, EPDM and FFKM are also available.

Type	Max. Working Pressure (psi)	Test Pressure (psi)	Nominal Thru Hold Diameter (in)
HP006	30,000	35,000	0.24
HP010	20,000	25,000	0.40

Note: The choice of the threaded end form may limit the working pressure and the size of the thru hole in the coupling. Call ***polyflex*** for additional information.






WARNING

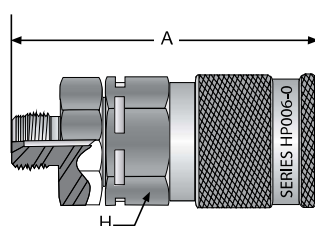
This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Rogan Series Quick Couplings

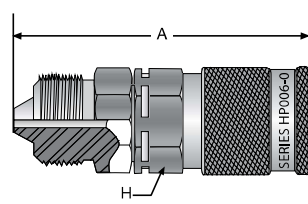
HP006 Coupler

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP006-0-A9	Type "M" (9/16" - 18)	3.30	83.82	1.19	30.23	30,000	2,070
HP006-0-A12	Type "M" (3/4" - 16)	3.34	84.84	1.19	30.23	30,000	2,070
HP006-0-HM4	1/4" High Pressure Male (9/16" - 18)	3.46	87.88	1.19	30.23	30,000	2,070
HP006-0-HM9	9/16" High Pressure Male (1-1/8" - 12)	3.70	93.98	1.19	30.23	30,000	2,070
HP006-0-LM6	3/8" Medium Pressure Male (9/16" - 18)	3.54	89.92	1.19	30.23	20,000	1,380
HP006-0-NFB	1/4" NPT Female	3.30	83.82	1.19	30.23	15,000	1,030
HP006-0-NFC	3/8" NPT Female	3.30	83.82	1.19	30.23	15,000	1,030
HP006-0-NMB	1/4" NPT Male	3.40	86.36	1.19	30.23	15,000	1,030
HP006-0-NMC	3/8" NPT Male	3.30	83.82	1.19	30.23	15,000	1,030
HP006-0-NMD	1/2" NPT Male	3.45	87.63	1.19	30.23	15,000	1,030
HP006-0-X13	Low Angle Face Seal (9/16" - 18)	3.37	85.60	1.19	30.23	30,000	2,070

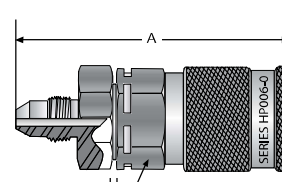
Construction: Alloy steel



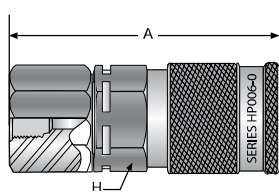
HP006-0-A9
HP006-0-A12



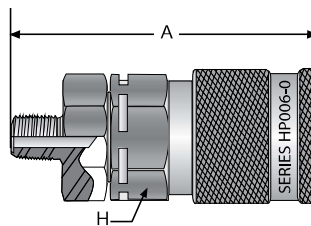
HP006-0-HM4
HP006-0-HM9



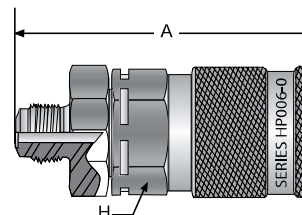
HP006-0-LM6



HP006-0-NFB
HP006-0-NFC



HP006-0-NMB
HP006-0-NMC
HP006-0-NMD



HP006-0-X13






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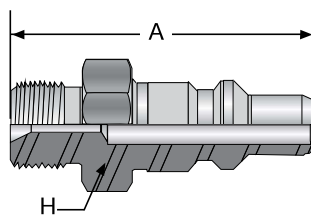
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Rogan Series Quick Couplings

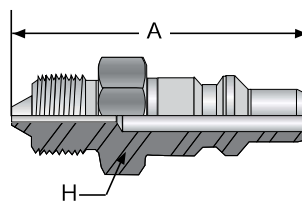
HP006 Nipple w/o Check Valve

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP006-1-A9	Type "M" (9/16" - 18)	1.98	50.29	0.75	19.05	30,000	2,070
HP006-1-A12	Type "M" (3/4" - 16)	2.16	54.86	0.87	22.10	30,000	2,070
HP006-1-HM4	1/4" High Pressure Male (9/16" - 18)	2.25	57.15	0.75	19.05	30,000	2,070
HP006-1-LM6	3/8" Medium Pressure Male (9/16" - 18)	2.33	59.18	0.75	19.05	20,000	1,380
HP006-1-LM9	9/16" Medium Pressure Male (13/16" - 16)	2.57	65.28	1.00	25.40	20,000	1,380
HP006-1-NMB	1/4" NPT Male	2.09	53.09	0.75	19.05	15,000	1,030
HP006-1-NMC	3/8" NPT Male	2.13	54.10	0.75	19.05	15,000	1,030
HP006-1-NMD	1/2" NPT Male	2.31	58.67	1.00	25.40	15,000	1,030
HP006-1-X13	Low Angle Face Seal (9/16" - 18)	2.17	55.12	0.75	19.05	30,000	2,070

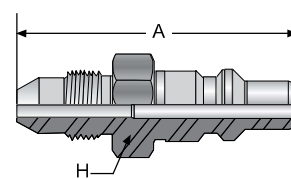
Construction: Alloy steel



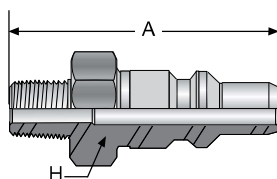
HP006-1-A9
HP006-1-A12



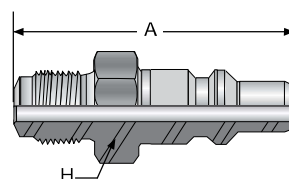
HP006-1-HM4



HP006-1-LM6
HP006-1-LM9



HP006-1-NMB
HP006-1-NMC
HP006-1-NMD



HP006-1-X13






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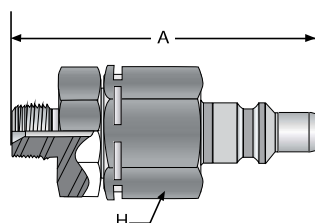
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Rogan Series Quick Couplings

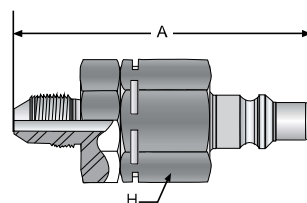
HP006 Nipple w/ Check Valve

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP006-2-A9	Type "M" (9/16" - 18)	3.28	83.31	1.19	30.23	30,000	2,070
HP006-2-A12	Type "M" (3/4" - 16)	3.30	83.82	1.19	30.23	30,000	2,070
HP006-2-HM4	1/4" High Pressure Male (9/16" - 18)	3.45	87.63	1.19	30.23	30,000	2,070
HP006-2-LM6	3/8" Medium Pressure Male (9/16" - 18)	3.52	89.41	1.19	30.23	20,000	1,380
HP006-2-NFB	1/4" NPT Female	3.26	82.80	1.19	30.23	15,000	1,030
HP006-2-NFC	3/8" NPT Female	3.25	82.55	1.19	30.23	15,000	1,030
HP006-2-NMB	1/4" NPT Male	3.34	84.84	1.19	30.23	15,000	1,030
HP006-2-NMC	3/8" NPT Male	3.34	84.84	1.19	30.23	15,000	1,030
HP006-2-NMD	1/2" NPT Male	3.43	87.12	1.19	30.23	15,000	1,030
HP006-2-X13	Low Angle Face Seal (9/16" - 18)	3.35	85.09	1.19	30.23	30,000	2,070

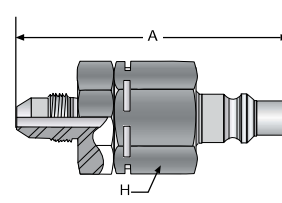
Construction: Alloy steel



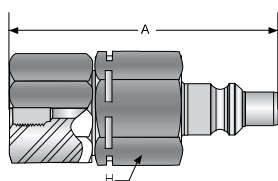
HP006-2-A9
HP006-2-A12



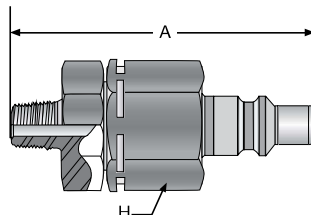
HP006-2-HM4



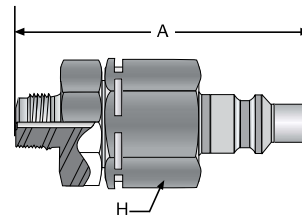
HP006-2-LM6



HP006-2-NFB
HP006-2-NFC



HP006-2-NMB
HP006-2-NMC
HP006-2-NMD



HP006-2-X13






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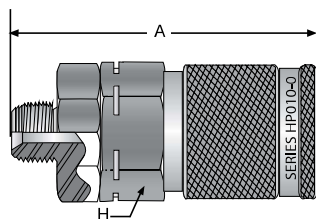
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Rogan Series Quick Couplings

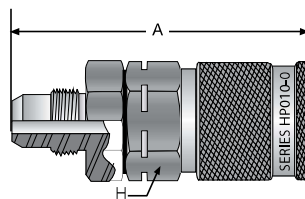
HP010 Coupler

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP010-0-A12	Type "M" (3/4" - 16)	4.00	101.60	1.62	41.15	20,000	1,380
HP010-0-A16	Type "M" (1" - 12)	4.10	104.14	1.62	41.15	20,000	1,380
HP010-0-LM12	3/4" Medium Pressure Male (3/4" - 14)	4.64	117.86	1.62	41.15	20,000	1,380
HP010-0-NFD	1/2" NPT Female	4.27	108.46	1.62	41.15	15,000	1,030
HP010-0-NMD	1/2" NPT Male	4.13	104.90	1.62	41.15	15,000	1,030
HP010-0-X23	Low Angle Face Seal (3/4" - 16)	4.19	106.43	1.62	41.15	20,000	1,380

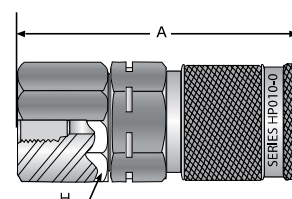
Construction: Alloy steel



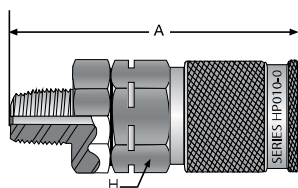
HP010-0-A12
HP010-0-A16



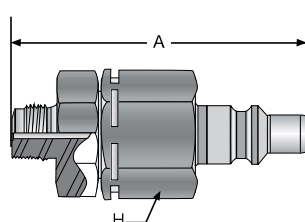
HP010-0-LM12



HP010-0-NFD



HP010-0-NMD



HP010-2-X13






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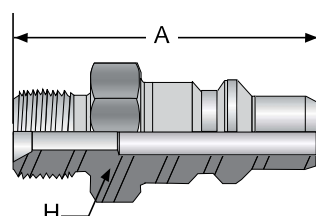
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Rogan Series Quick Couplings

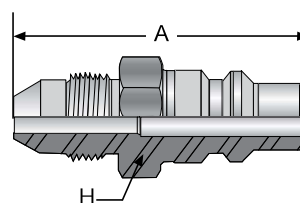
HP010 Nipple w/o Check Valve

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP010-1-A12	Type "M" (3/4" - 16)	2.40	60.96	1.06	26.92	20,000	1,380
HP010-1-A16	Type "M" (1" - 12)	2.53	64.26	1.18	29.97	20,000	1,380
HP010-1-LM9	9/16" Medium Pressure Male	3.12	79.25	1.18	29.97	20,000	1,380
HP010-1-LM12	3/4" Medium Pressure Male	2.84	72.14	1.06	26.92	20,000	1,380
HP010-1-NMD	1/2" NPT Male	2.52	64.01	1.06	26.92	15,000	1,030
HP010-1-X23	Low Angle Face Seal (3/4" - 16)	2.58	65.53	1.06	26.92	20,000	1,380

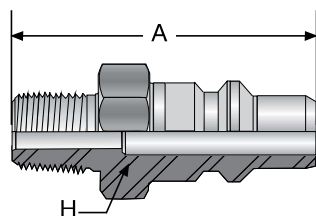
Construction: Alloy steel



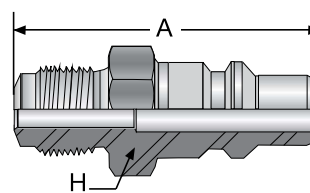
HP010-1-A12
HP010-1-A16



HP010-1-LM9
HP010-1-LM12



HP010-1-NMD



HP010-1-X23






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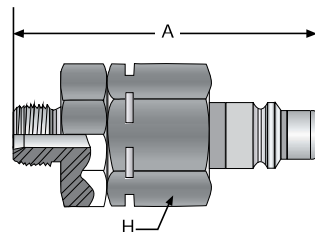
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Rogan Series Quick Couplings

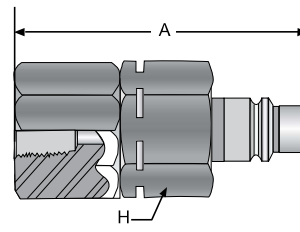
HP010 Nipple w/ Check Valve

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
HP010-2-A12	Type "M" (3/4" - 16)	4.00	101.60	1.62	41.15	20,000	1,380
HP010-2-A16	Type "M" (1" - 12)	4.08	103.63	1.62	41.15	20,000	1,380
HP010-2-NFD	1/2" NPT Female	4.14	105.16	1.62	41.15	15,000	1,030
HP010-2-NMD	1/2" NPT Male	4.13	104.90	1.62	41.15	15,000	1,030
HP010-2-X23	Low Angle Face Seal (3/4" - 16)	4.18	106.17	1.62	41.15	20,000	1,380

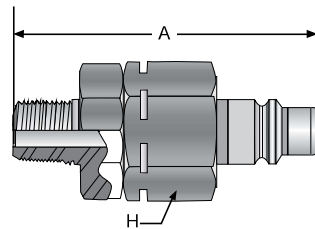
Construction: Alloy steel



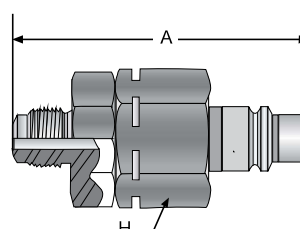
HP010-2-A12
HP010-2-A16



HP010-2-NFD



HP010-2-NMD



HP010-2-X23



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C Series Quick Couplings



Features:

- Working pressures up to 29,000 psi
- Non-drip valving for clean, safe, trouble-free performance and minimal air inclusion
- Built-in safety locking device to prevent accidental disconnect
- Wide range of threaded styles: NPT, BSP and "High Pressure"
- Adapters for ease of connection to high pressure hoses and fixed ports
- Thread sizes from 1/8" to 3/8"
- Protective dust caps are included to prevent damage and fluid contamination in disconnected position
- Rugged design and construction for long life in demanding applications

Applications:

- Torque Tensioning
- Stud Tensioning
- Rescue
- Bearing Pullers
- Intensifiers
- Hydrostatic Testing
- Pumps
- Jacks
- Spreaders
- Cable Cutters
- Nut Splitters
- Pipe Coupling Swagers
- Presses
- Clamping Fixtures
- Crimpers
- Blow-out Preventors

Type	Max. Working Pressure (psi)	Test Pressure (psi)	Nominal Thru Hold Diameter (in)
C Series 115	14,500	21,800	0.11
C Series 116	21,800	29,200	0.11
C Series 125	29,800	36,300	0.11

Note: The choice of the threaded end form may limit the working pressure and the size of the thru hole in the coupling. Call **polyflex** for additional information.






WARNING

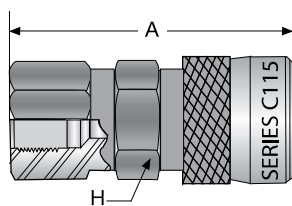
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C Series Quick Couplings

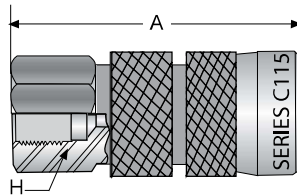
115 Coupler

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-115-1202	1/4" BSP Female (thru type)	2.30	58.42	0.94	23.88	14,500	1,000
C10-115-1222	1/4" BSP Female (with built-in locking device)	2.30	58.42	0.94	23.88	14,500	1,000
C10-115-1401	1/8" NPT Female	2.30	58.42	0.94	23.88	14,500	1,000
C10-115-1402	1/4" NPT Female	2.30	58.42	0.94	23.88	14,500	1,000
C10-115-1404	3/8" NPT Female	2.38	60.45	0.94	23.88	14,500	1,000
C10-115-1422	1/4" NPT Female (with built-in locking device)	2.30	58.42	0.94	23.88	14,500	1,000
C10-115-1452	1/4" NPT Male	2.45	62.23	0.94	23.88	14,500	1,000
C10-115-1454	3/8" NPT Male	2.45	62.23	0.94	23.88	14,500	1,000

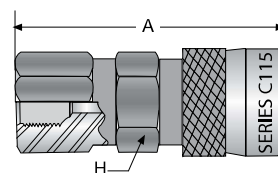
Construction: All exposed components are made of zinc-plated steel.



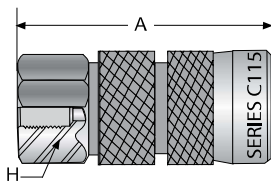
C10-115-1202



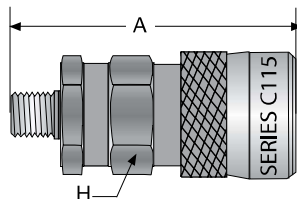
C10-115-1222



C10-115-1401
C10-115-1402
C10-115-1404



C10-115-1422



C10-115-1452
C10-115-1454






WARNING

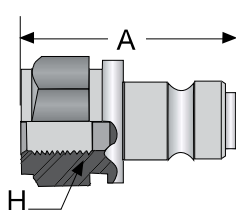
This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

C Series Quick Couplings

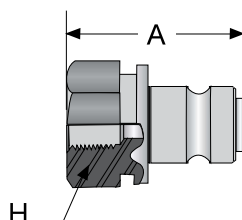
115 Nipple

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-115-6202	1/4" BSP Female	1.47	37.34	0.87	22.10	14,500	1,000
C10-115-6204	3/8" BSP Female	1.56	39.62	0.94	23.88	14,500	1,000
C10-115-6401	1/8" NPT Female	1.42	36.07	0.87	22.10	14,500	1,000
C10-115-6402	1/4" NPT Female	1.42	36.07	0.87	22.10	14,500	1,000
C10-115-6404	3/8" NPT Female	1.46	37.08	0.94	23.88	14,500	1,000
C10-115-6452	1/4" NPT Male	2.40	60.96	0.87	22.10	14,500	1,000
C10-115-6454	3/8" NPT Male	2.55	64.77	0.94	23.88	14,500	1,000

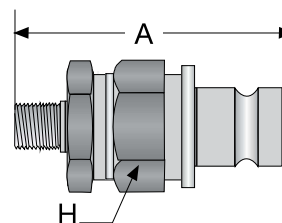
Construction: All exposed components are made of zinc-plated steel.



C10-115-6202
C10-115-6204



C10-115-6401
C10-115-6402
C10-115-6404



C10-115-6452
C10-115-6454






WARNING

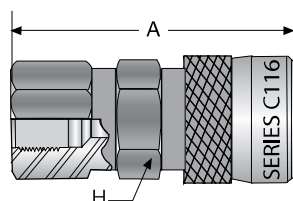
This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

C Series Quick Couplings

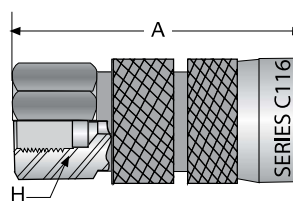
116 Coupler

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-116-1202	1/4" BSP Female	2.30	58.42	0.94	23.88	21,750	1,500
C10-116-1222	1/4" BSP Female (with built-in locking device)	2.30	58.42	0.94	23.88	21,750	1,500
C10-116-1402	1/4" NPT Female	2.30	58.42	0.94	23.88	21,750	1,500
C10-116-1422	1/4" NPT Female (with built-in locking device)	2.30	58.42	0.94	23.88	21,750	1,500

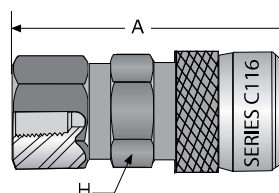
Construction: All exposed components are made of zinc-plated steel.



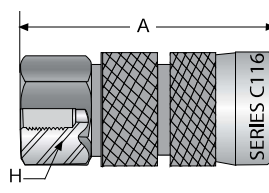
C10-116-1202



C10-116-1222



C10-116-1422



C10-116-1402






WARNING

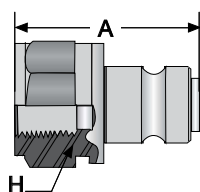
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C Series Quick Couplings

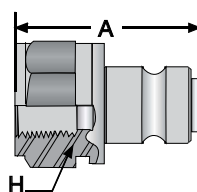
116 Nipple

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-116-5202	1/4" BSP Female (thru type)	1.47	37.34	0.87	22.10	21,750	1,500
C10-116-6202	1/4" BSP Female	1.47	37.34	0.87	22.10	21,750	1,500
C10-116-6402	1/4" NPT Female	1.41	35.81	0.87	22.10	21,750	1,500

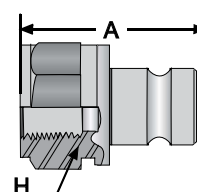
Construction: All exposed components are made of zinc-plated steel.



C10-116-5202



C10-116-6202



C10-116-6402






WARNING

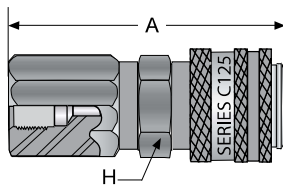
This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

C Series Quick Couplings

125 Coupler




Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-125-1202	1/4" BSP Female	2.65	67.31	0.94	23.88	29,000	2,000

Construction: All exposed components are made of zinc-plated steel.

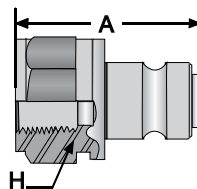
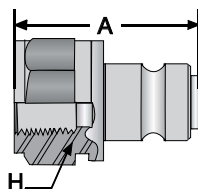


C10-116-5202 Coupler

125 Nipple

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C10-125-5202	1/4" BSP Female (thru type)	1.50	38.10	0.87	22.10	29,000	2,000
C10-125-6202	1/4" BSP Female	1.50	38.10	0.87	22.10	29,000	2,000

Construction: All exposed components are made of zinc-plated steel.



C10-116-5202 Nipple C10-125-6202 Nipple






WARNING

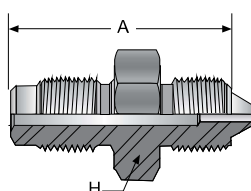
This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

C Series Quick Couplings

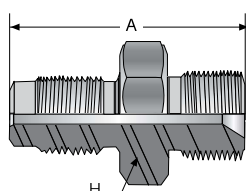
Quick Coupling Adapters

Part Number	Thread Type	A Overall Length		H Hex		Maximum Working Pressure	
#							
		inch	mm	inch	mm	psi	bar
C09-125-1680	1/4" BSP 120° external cone x 1/4" HP Male	1.72	43.69	0.67	17.02	29,000	2,000
C19-950-0029	1/4" BSP 120° external cone x 9/16" UNF	1.48	37.59	0.67	17.02	29,000	2,000
C19-950-0062	1/4" Rubber Metal Seal	0.08	2.03	0.81	20.57	14,500	1,000
C19-950-0064	3/8" Rubber Metal Seal	0.08	2.03	0.94	23.88	14,500	1,000
C19-950-1600	1/4" BSP 120° external cone Blind Plug	1.07	27.18	0.67	17.02	29,000	2,000
C19-950-1601	1/4" BSP x 1/4" BSP 120° external cones	1.76	44.70	0.08	2.03	29,000	2,000
C19-950-1602	1/4" BSP 120° external cone x 1/4" BSP 60° internal cone	1.54	39.12	0.83	21.08	29,000	2,000
C19-950-1622	1/4" BSP x 1/4" BSP with 60° internal cone	1.25	31.75	0.83	21.08	29,000	2,000
C19-950-1623	1/4" NPT Male x 1/4" BSP with 60° internal cone	1.27	32.26	0.83	21.08	14,500	1,000
C19-950-1680	Porting Block	1.8	45.72	N/A	N/A	29,000	2,000
HAHM4BM4	1/4" BSP with 60° internal cone x 1/4" HP Male	1.47	37.34	0.83	21.08	30,000	2,070

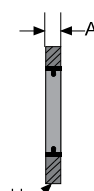
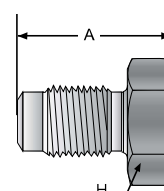
Construction: All C19 part numbers are manufactured with black zinc-plated steel.



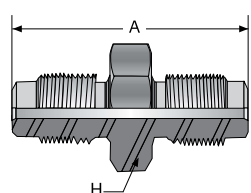
C09-125-1680



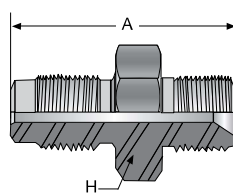
C19-950-0029

C19-950-0062
C19-950-0064

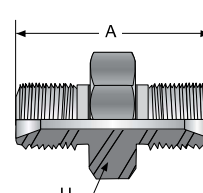
C19-950-1600



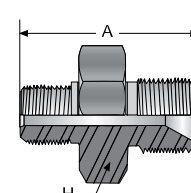
C19-950-1601



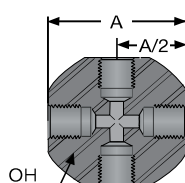
C19-950-1602



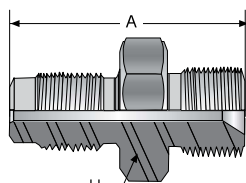
C19-950-1622



C19-950-1623



C19-950-1680



HAHM4BM4



WARNING

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