

Quick Couplings



Quick Couplings

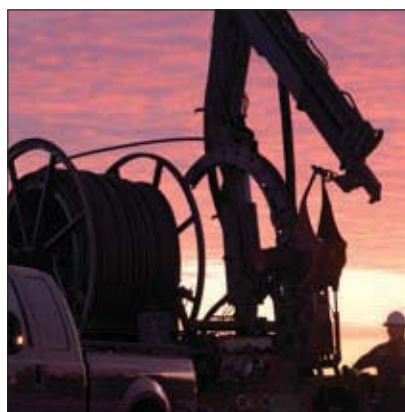
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Quick Coupling Nomenclature

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 = .240" or 6mm nominal thru hole diameter

HP006-0-NMC – Component Type = Female coupler with check valve

HP006-0-NMC – Connection Type = NPT

HP006-0-NMC – Connection Gender = Male

HP006-0-NMC – Connection Size = 3/8" NPT

Most adapter part number structures will follow the below examples.

Thru Hole Size

HP006	.240" or 6mm, nominal thru hole diameter
HP010	.400" 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		

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 - Coupling Component
C10-116-1202 - Maximum Working Pressure = 21,760 psi
C10-116-1202 - Component Type = Coupler
C10-116-1202 - Connection = BSP
C10-116-1202 - Gender = Female
C10-116-1202 - Size = 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)

Coupling Part*	
1	Coupler
6	Nipple
5	Nipple w/o Check Valve

* Not applicable to adapters

Coupling Thread Form*					
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"

* Not applicable to adapters

Quick Couplings

Rogan Series

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	Maximum Working Pressure psi	Test Pressure psi	Nominal Thru Hole Diameter inch
HP006	30,000	35,000	0.240
HP010	20,000	25,000	0.400

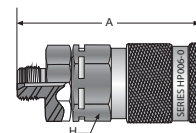
Note: The choice of the threaded end form may limit the working pressure and the size of the thru hole in the coupling. Call Parflex for additional information.



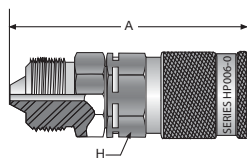
HP006 – Coupler

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP006-0-A9	Type "M" (9/16" - 18)	3.30	83.82	1.190	30.23	30,000	2,070
HP006-0-A12	Type "M" (3/4" - 16)	3.34	84.84				
HP006-0-HM4	1/4" High Pressure Male	3.46	87.88			30,000	2,070
HP006-0-HM9	9/16" High Pressure Male	3.70	93.98				
HP006-0-LM6	3/8" Medium Pressure Male	3.54	89.92			20,000	1,380
HP006-0-NFB	1/4" NPT Female	3.30	83.82				
HP006-0-NFC	3/8" NPT Female						
HP006-0-NMB	1/4" NPT Male	3.40	86.36				
HP006-0-NMC	3/8" NPT Male	3.30	83.82				
HP006-0-NMD	1/2" NPT Male	3.45	87.63				
HP006-0-X13	Low Angle Face Seal (9/16" - 18)	3.37	85.60				

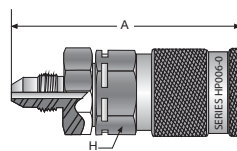
Alloy Steel



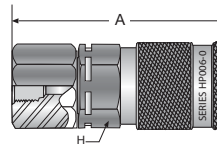
HP006-0-A9
HP006-0-A12



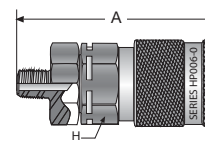
HP006-0-HM4
HP006-0-HM9



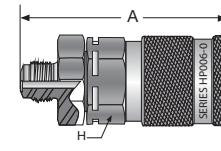
HP006-0-LM6



HP006-0-NFB
HP006-0-NFC



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



HP006-0-X13



WARNING

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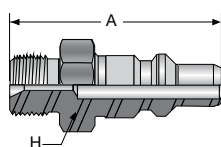
Quick Couplings

Rogan Series

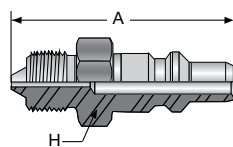
HP006 – Nipple w/o Check Valve

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP006-1-A9	Type "M" (9/16" - 18)	1.98	50.29	0.750	19.05	30,000	2,070
HP006-1-A12	Type "M" (3/4" - 16)	2.16	54.86	0.870	22.10		
HP006-1-HM4	1/4" High Pressure Male	2.25	57.15	0.750	19.05	30,000	2,070
HP006-1-LM6	3/8" Medium Pressure Male	2.33	59.18	0.750	19.05	20,000	1,380
HP006-1-LM9	9/16" Medium Pressure Male	2.57	65.28	1	25.40		
HP006-1-NMB	1/4" NPT Male	2.09	53.09	0.750	19.05	15,000	1,030
HP006-1-NMC	3/8" NPT Male	2.13	54.10				
HP006-1-NMD	1/2" NPT Male	2.31	58.67	1	25.40	30,000	2,070
HP006-1-X13	Low Angle Face Seal (9/16" - 18)	2.17	55.12	0.750	19.05		

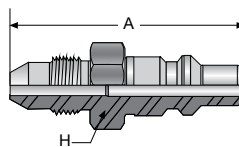
Alloy Steel



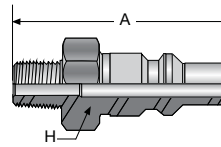
HP006-1-A9
HP006-1-A12



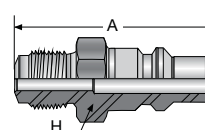
HP006-1-HM4



HP006-1-LM6
HP006-1-LM9



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

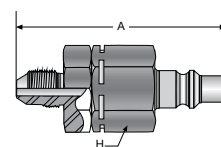


HP006-1-X13

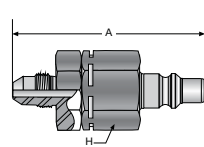
HP006 – Nipple w/Check Valve

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP006-2-A9	Type "M" (9/16" - 18)	3.28	83.31	1.190	30.23	30,000	2,070
HP006-2-A12	Type "M" (3/4" - 16)	3.30	83.82			30,000	2,070
HP006-2-HM4	1/4" High Pressure Male	3.45	87.63			30,000	2,070
HP006-2-LM6	3/8" Medium Pressure Male	3.52	89.41			20,000	1,380
HP006-2-NFB	1/4" NPT Female	3.26	82.80			15,000	1,030
HP006-2-NFC	3/8" NPT Female	3.25	82.55				
HP006-2-NMB	1/4" NPT Male	3.34	84.84			15,000	1,030
HP006-2-NMC	3/8" NPT Male	3.34	84.84				
HP006-2-NMD	1/2" NPT Male	3.43	87.12	1.190	30.23	30,000	2,070
HP006-2-X13	Low Angle Face Seal (9/16" - 18)	3.35	85.09				

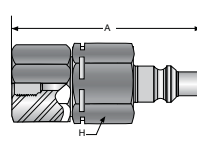
Alloy Steel



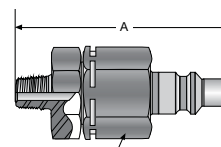
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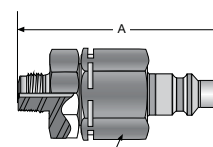
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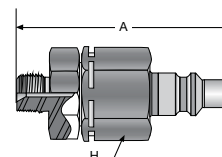
HP006-2-NFB
HP006-2-NFC



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



HP006-2-X13



HP006-2-A9
HP006-2-A12



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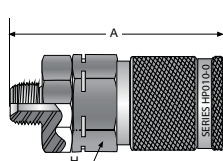
Quick Couplings

Rogan Series

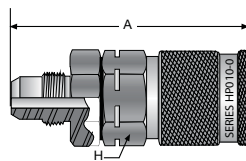
HP010 — Coupler

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP010-0-A12	Type "M" (3/4" - 16)	4	101.60	1.620	41.15	20,000	1,380
HP010-0-A16	Type "M" (1" - 12)	4.10	104.14				
HP010-0-LM12	3/4" Medium Pressure Male	4.64	117.86				
HP010-0-NFD	1/2" NPT Female	4.27	108.46				
HP010-0-NMD	1/2" NPT Male	4.13	104.90				
HP010-0-X23	Low Angle Face Seal (3/4" - 16)	4.19	106.43				

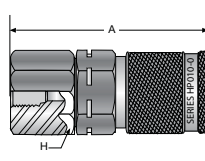
Alloy Steel



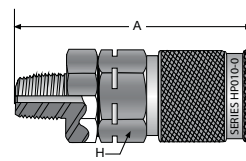
HP010-0-A12
HP010-0-A16



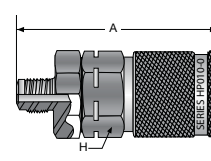
HP010-0-LM12



HP010-0-NFD



HP010-0-NMD

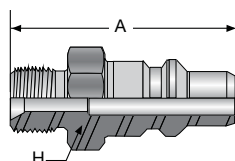


HP010-0-X23

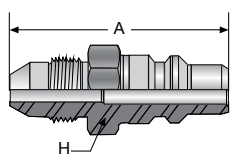
HP010 — Nipple w/o Check Valve

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP010-1-A12	Type "M" (3/4" - 16)	2.40	60.96	1.060	26.92	20,000	1,380
HP010-1-A16	Type "M" (1" - 12)	2.53	64.26	1.180	29.97		
HP010-1-LM9	9/16" Medium Pressure Male	3.12	79.25	1.180	29.97	20,000	1,380
HP010-1-LM12	3/4" Medium Pressure Male	2.84	72.14	1.060	26.92		
HP010-1-NMD	1/2" NPT Male	2.52	64.01	1.060	26.92	15,000	1,030
HP010-1-X23	Low Angle Face Seal (3/4" - 16)	2.58	65.53	1.060	26.92	20,000	1,380

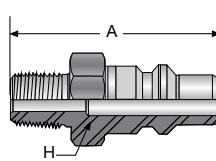
Alloy Steel



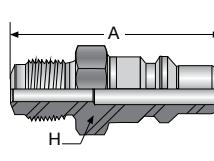
HP010-1-A12
HP010-1-A16



HP010-1-LM9
HP010-1-LM12



HP010-1-NMD



HP010-1-X23



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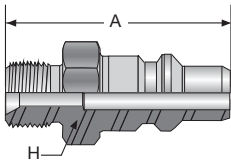
Quick Couplings

Rogan Series

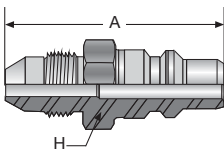
HP010 — Nipple w/ Check Valve

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
HP010-2-A12	Type "M" (3/4" - 16)	4	101.60	1.620	41.15	20,000	1,380
HP010-2-A16	Type "M" (1" - 12)	4.08	103.63				
HP010-2-NFD	1/2" NPT Female	4.14	105.16			15,000	1,030
HP010-2-NMD	1/2" NPT Male	4.13	104.90				
HP010-2-X23	Low Angle Face Seal (3/4" - 16)	4.18	106.17			20,000	1,380

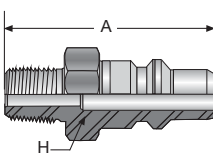
Alloy Steel



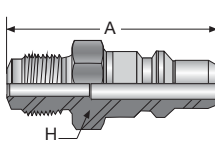
HP010-1-A12
HP010-1-A16



HP010-1-LM9
HP010-1-LM12



HP010-1-NMD



HP010-1-X23



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Quick Couplings

C Series

C Series quick couplings are and pressures up to 29,000 psi.

Advantages:

- Non-drip valving for clean, safe, trouble-free performance 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	Pumps	Presses
Stud Tensioning	Jacks	Clamping Fixtures
Rescue	Spreaders	Crimpers
Bearing Pullers	Cable Cutters	Blow-out Preventers
Intensifiers	Nut Splitters	
Hydrostatic Testing	Pipe Coupling Swagers	

Type	Maximum Working Pressure psi	Test Pressure psi	Nominal Thru Hold Diameter inch
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 Parflex for additional information.



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Hose
A

Quick Couplings

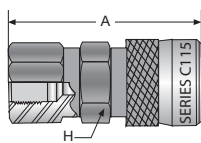
C Series

Waterblast
Hydraulic
Oil & Gas

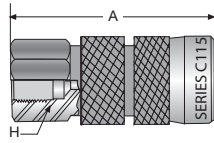
115 – Coupler

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-115-1202	1/4" BSP Female (thru type)	2.30	58.42	0.940	23.8	14,500	1,000
C10-115-1222	1/4" BSP Female (with built-in locking device)						
C10-115-1401	1/8" NPT Female	2.30	58.42				
C10-115-1402	1/4" NPT Female						
C10-115-1404	3/8" NPT Female	2.38	60.45				
C10-115-1422	1/4" NPT Female (with built-in locking device)	2.30	58.42				
C10-115-1452	1/4" NPT Male	2.45	62.23				
C10-115-1454	3/8" NPT Male						

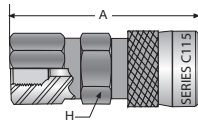
All exposed components are made of zinc-plated steel.



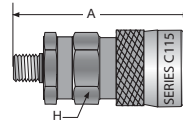
C10-115-1202



C10-115-1222



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



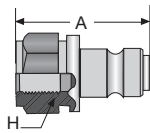
C10-115-1452
C10-115-1454

Adapters
B

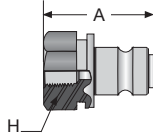
115– Nipple

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-115-6202	1/4" BSP Female	1.47	37.34	0.870	22.10	14,500	1,000
C10-115-6204	3/8" BSP Female	1.56	39.62	0.940	23.88		
C10-115-6401	1/8" NPT Female	1.42	36.07	0.870	22.10		
C10-115-6402	1/4" NPT Female			0.870	22.10		
C10-115-6404	3/8" NPT Female	1.46	37.08	0.940	23.88		
C10-115-6452	1/4" NPT Male	2.40	60.96	0.870	22.10		
C10-115-6454	3/8" NPT Male	2.55	64.77	0.940	23.88		

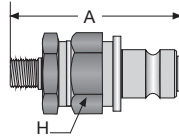
All exposed components are made of zinc-plated steel.



C10-115-6202
C10-115-6204



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



C10-115-6452
C10-115-6454

Accessories
D

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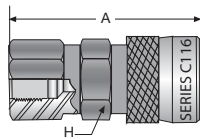
Quick Couplings

C Series

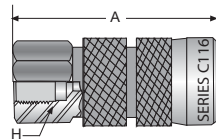
116 — Coupler

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-116-1202	1/4" BSP Female	2.3	58.42	0.940	23.88	21,750	1,500
C10-116-1222	1/4" BSP Female (with built-in locking device)						
C10-116-1402	1/4" NPT Female					15,000	1,035
C10-116-1422	1/4" NPT Female (with built-in locking device)						

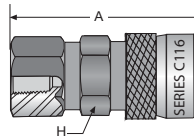
All exposed components are made of zinc-plated steel.



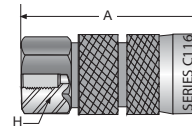
C10-116-1202



C10-116-1222



C10-116-1422

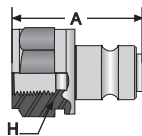


C10-116-1422

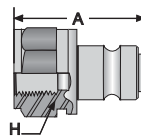
116 — Nipple

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-116-5202	1/4" BSP Female (thru type)	1.47	37.34	0.870	22.1	21,750	1,500
C10-116-6202	1/4" BSP Female						
C10-116-6402	1/4" NPT Female	1.41	35.81	0.870	22.1	15,000	1,035

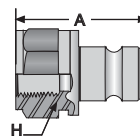
All exposed components are made of zinc-plated steel.



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.

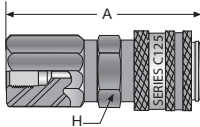
Quick Couplings

C Series

125 – Coupler

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-125-1203	1/4" BSP Female	2.53	64.26	0.950	24.13	29,000	2,000

All exposed components are made of zinc-plated steel.

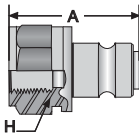


C10-125-1203

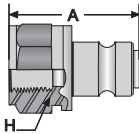
125 – Nipple

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C10-125-5202	1/4" BSP Female (thru type)	1.50	38.1	0.870	22.1	29,000	2,000
C10-125-6203	1/4" BSP Female					36,300	2,500


All exposed components are made of zinc-plated steel.



C10-116-5202



C10-125-6203



WARNING

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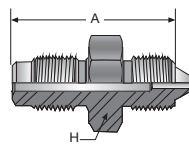
Quick Couplings

C Series

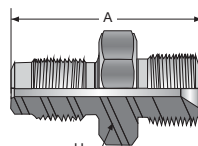
Quick Coupling Adapters

Part Number	Thread Type	Overall Length A		H Hex		Max. Working Pressure	
		inch	mm	inch	mm	psi	bar
C09-125-1680	1/4" BSP 120° external cone x 1/4" HP Male	2	43.69	0.670	17.02	29,000	2,000
C19-950-0029	1/4" BSP 120° external cone x 9/16" UNF	1	37.59				
C19-950-0062	1/4" Rubber Metal Seal	0	2.030	0.810	20.57	14,500	1,000
C19-950-0064	3/8" Rubber Metal Seal	0	2.030	0.940	23.88		
C19-950-1600	1/4" BSP 120° external cone Blind Plug	1	27.18	0.670	17.02	29,000	2,000
C19-950-1601	1/4" BSP x 1/4" BSP 120° external cones	2	44.70	0.080	2.030		
C19-950-1602	1/4" BSP 120° external cone x 1/4" BSP 60° internal cone	2	39.12	0.830	21.08		
C19-950-1622	1/4" BSP x 1/4" BSP with 60° internal cone	1	31.75				
C19-950-1623	1/4" NPT Male x 1/4" BSP with 60° internal cone	1	32.26	0.830	21.08	14,500	1,000
C19-950-1680	Porting Block	2	45.72	N/A	N/A	29,000	2,000
HAHM4BM4	1/4" BSP with 60° internal cone x 1/4" HP Male	1	37.34	0.830	21.08	30,000	2,070

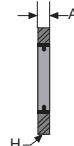
All exposed components are made of zinc-plated steel.



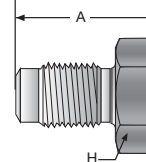
C09-125-1680



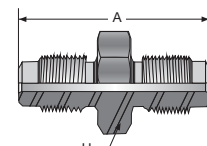
C19-950-0029



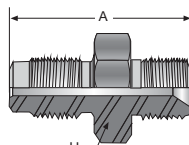
C19-950-0062



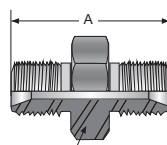
C19-950-1600
C19-950-0064



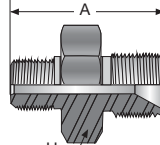
C19-950-1601



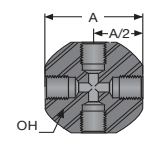
C19-950-1602



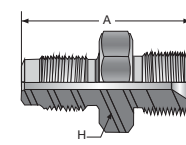
C19-950-1622



C19-950-1623



C19-950-1680



HAHM4BM4



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Quick Couplings

