

73 Series

Ultra High Pressure Quick Couplings
1/4" Body Size



Designed to Perform with Extreme System Pressures

Parker's 73 Series quick couplings are corrosion resistant stainless steel and available in a wide range of end fittings that are suitable for high pressure applications.

These heavy duty couplings can be configured to function as double shut off (valved) or straight through (plain) for maximum flow.

Applications include:

- Water jet
- Water blast
- Oil field injection
- Test systems



Contact Information:

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73 Series Features:

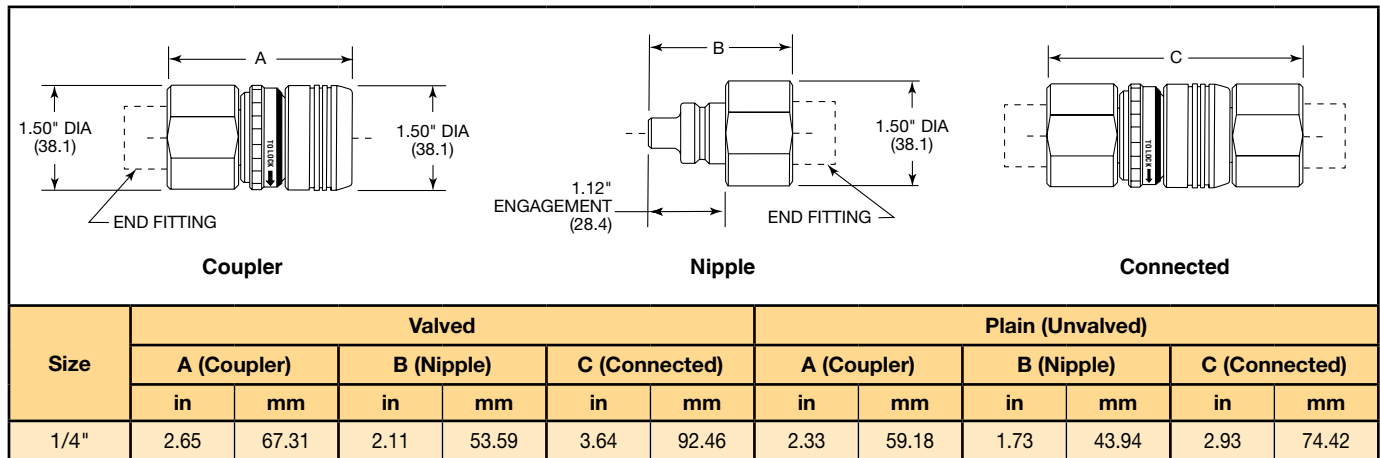
- Rugged, heavy duty construction
- Operating pressures to 43,500 psi
- Stainless steel materials
- Double shut off poppet valves or high flow straight-through option. Valved and plain cannot be used together
- Positive locking collar prevents accidental disconnection
- Available in 1/4" size



ENGINEERING YOUR SUCCESS.

Technical and Dimensional Information

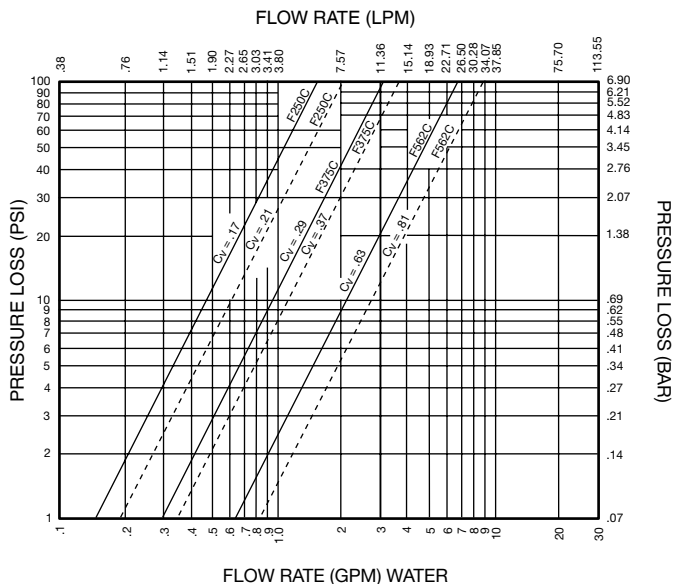
Dimensions



Pressure Ratings

Size	Stainless Steel			
	Maximum Working		Minimum Burst	
	psi	Bar	psi	Bar
1/4"	43,500	3000	87,000	6000

Pressure Loss vs. Flow



All flow/pressure loss values, including Cv factors, are with coupling halves with the same end fitting on each half, as shown.

----- Plain Coupling
 _____ Valved Coupling

Ordering Information

S P 73 C 4 SF562CX

- Material: S = Stainless Steel
- Type: V = Valved, P = Plain (unvalved)
- Series: 73
- Body: C = Coupler, N = Nipple
- Body Size: 4 = 1/4"
- End Fitting Type*:
 - 4F = 1/4" Female NPTF
 - 6F = 3/8" Female NPTF
 - SF562CX = 9/16" Female Medium Pressure
 - SF375CX = 3/8" Female Medium Pressure
 - SM562CX = 9/16" Male Medium Pressure
 - SM375CX = 3/8" Male Medium Pressure
 - M562C = 9/16" High Pressure Male
 - RH9 = 9/16" Reverse Cone
 - RH12 = 3/4" Reverse Cone
 - RH16 = 1" Reverse Cone
 - F250C = 1/4" Female High Pressure
 - M250C = 1/4" Male High Pressure
- Seals: Blank = Nitrile, E = Ethylene Propylene

Only valved Couplers can be used with valved Nipples.
 Only plain (unvalved) Couplers can be used with plain Nipples
 *Contact QCD for availability of other end configurations

End Fittings

Pressures to 10,000 psi (689 bar)

1/4" NPTF				3/8" NPT			
Valved		Plain		Valved		Plain	
in	mm	in	mm	in	mm	in	mm
.75	19.05	.34	8.64	.85	21.59	.48	12.19

Pressures to 20,000 psi (1379 bar)

3/8" MP SF375CX				9/16" MP SF562CX				3/8" MP SM 375CX				9/16" MP SM562CX			
Valved		Plain		Valved		Plain		Valved		Plain		Valved		Plain	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
.75	19.05	.31	7.87	.85	21.59	.41	10.41	.88	22.35	.88	22.35	1.00	25.40	1.00	25.40

Pressures to 43,500 psi (3000 bar)

1/4" HP F250C				1/4" HP M250C				3/4" REVERSE CONE (AUTOCLAVE RH12)				9/16" HP M562C				1" REVERSE CONE (AUTOCLAVE RH16)				9/16" REVERSE CONE (AUTOCLAVE RH9)			
Valved		Plain		Valved		Plain		Valved		Plain		Valved		Plain		Valved		Plain		Valved		Plain	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
.45	11.43	.00	0.00	.69	17.53	.69	17.53	.63	16.00	.63	16.00	1.12	28.45	1.12	28.45	.78	19.81	.78	19.81	.50	12.70	.50	12.70

