

Applications

Parker's WB Series couplings are designed for equipment used for cleaning applications such as paint removal or mill scale. The 10,000 psi operating pressure of the WB series makes it ideal for applications that require a high pressure coupling with minimal pressure drop.

Materials Of Construction

- Body:** Steel
- Finish:** Zinc plated with yellow chromate finish
- Valve:** None—Straight through
- Seal:** Buna-N (Nitrile) with backup washer (coupler only)

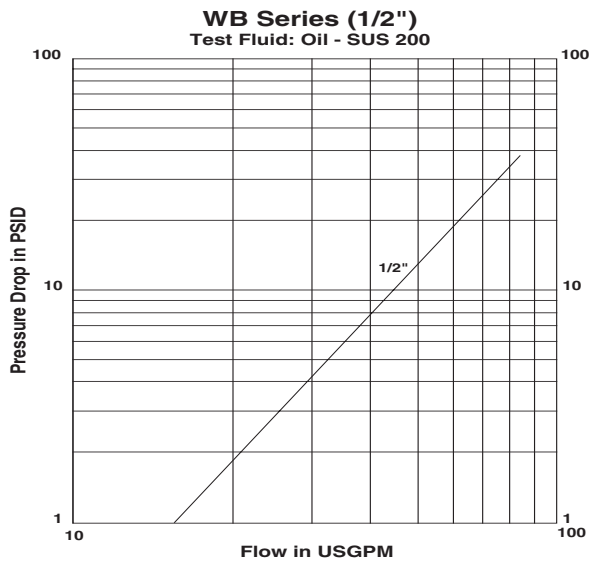
Specifications

Body Size (in.)	1/2
Max Operating Pressure (PSI)	10,000
Rated Flow (GPM)	45
Temperature Range (std seals)	-40° to +250°F

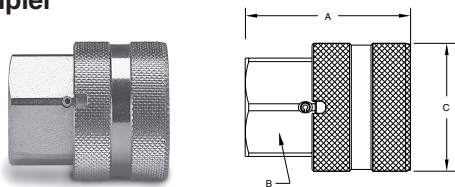
Features

- Push-to-Connect allows for quick, easy connections by eliminating the need to retract the sleeve to couple
- Locking collets in the coupler maintain 360 degree contact with nipple to evenly distribute load and reduce brinelling.
- Zinc plating with yellow chromate finish resists corrosion.
- Straight through design allows for excellent flow with low pressure drop.
- Sleeve Lock design prevents accidental disconnects.
- Two knurled bands on the sleeve provide good gripping for operation of sleeve to disconnect.
- Stainless steel collets resist corrosion and provide smooth latching action.
- Polymyte backup washer ensures sealing integrity at high pressure.
- Heat treated components to reduce wear and brinelling.
- Sleeve guard prevents accidental disconnect and protects the opening between the sleeve and the body from the environment.

Performance

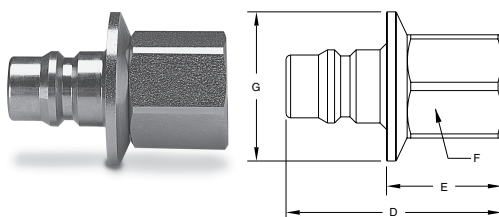


Coupler



Body Size (in.)	Part Number	Thread Size	Overall Length	Hex Size	Largest Diameter
			A	B	C
1/2	WB-501-8FP	1/2-14 NPTF	2.20	1.25	1.62

Nipple



Body Size (in.)	Part Number	Thread Size	Overall Length	Exposed Length	Hex Size	Largest Diameter
			D	E	F	G
1/2	WB-502-8FP	1/2-14 NPTF	2.35	1.26	1.12	1.62