Screw-to-connect

Body Size

1/2" up to 1 1/2"

Screw-to-Connect

59-Series



Technical Description
Parker Snap-tite 59 series is ideal for high impulse applications that require the security of a threaded connection and the ability to connect and disconnect under residual pressure.

Advantages
- Robust ACME thread has a double start feature and allows full connection to be quickly completed in 2 1/2 turns.
- Minimal resistance for easy connection
- Connect with up to 345 bar residual pressure
- Disconnect with up to 172 bar residual pressure
- Visual confirmation when full connection is complete

Applications
- Mobile drill rigs
- Oil field equipment
- Umbilical lines
- High impulse mobile circuits
- Excavator attachments

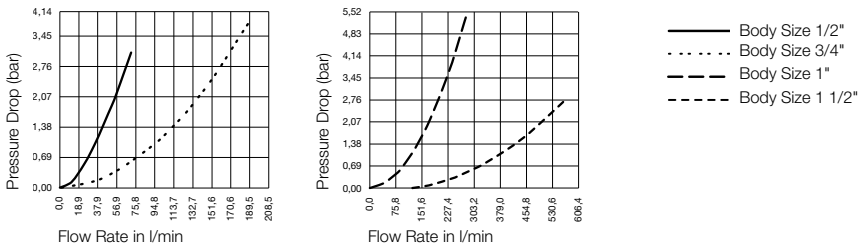
Working Pressure
See charts.

Working Temperature
-40°C up to +121°C (NBR) depending on the medium.

Material Coupling	Steel
Coupling Body	Steel
Sleeve	Steel
Valve	17-4 PH
Seals	Nitrile & Polyurethane
Plating	Zinc nickel coating

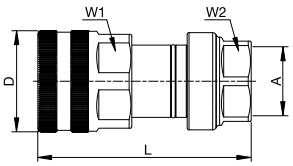
Material Plug	Steel
Plug Body	Steel
Valve	Steel
Seals	Nitrile & Polyurethane
Plating	Zinc nickel coating

Flow Capacity with Hydraulic Oil with Viscosity of 30cSt



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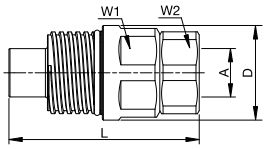
Couplings 59-Series



Female Thread

Body Size	Connection A	L mm	D mm	Wrench Flat W1 mm	Wrench Flat W2 mm	Weight kg	Max. Operating Pressure in bar	Part Number
1/2	1/2-14 NPSF	93,98	52,07	38,10	47,63	0,61	414	59-501-8FP
1/2	3/4-16 UNF	94,99	52,07	38,10	47,63	0,62	414	59-501-8FO
3/4	3/4-14 NPTF	140,46	63,25	60,33	50,80	1,69	345	59-751-12FP
3/4	1 1/16-12 UNF	135,64	63,25	60,33	50,80	1,67	345	59-751-12FO
1	1-11 1/2 NPTF	147,83	69,85	65,00	55,56	2,19	345	59-1001-16FP
1	1 5/16-12 UNF	147,83	69,85	65,00	55,56	2,16	345	59-1001-16FO
1 1/2	1 1/4-11 1/2 NPTF	179,83	94,99	90,00	66,68	4,50	345	59-1501-20FP
1 1/2	1 5/8-12 UNF	179,83	94,99	90,00	66,68	4,39	345	59-1501-20FO
1 1/2	1 1/2-11 1/2 NPTF	179,83	94,99	90,00	66,68	4,50	345	59-1501-24FP
1 1/2	1 7/8-12 UNF	179,83	94,99	90,00	66,68	4,39	345	59-1501-24FO

Plugs 59-Series



Female Thread

Body Size	Connection A	L mm	D mm	Wrench Flat W1 mm	Wrench Flat W2 mm	Weight kg	Max. Operating Pressure in bar	Part Number
1/2	1/2-14 NPSF	88,90	47,75	44,45	28,58	0,49	414	59-502-8FP
1/2	3/4-16 UNF	88,90	47,75	44,45	47,63	0,49	414	59-502-8FO
3/4	3/4-14 NPTF	118,11	58,67	55,00	50,80	1,27	345	59-752-12FP
3/4	1 1/16-12 UNF	121,16	58,67	55,00	50,80	1,30	345	59-752-12FO
1	1-11 1/2 NPTF	130,05	69,85	65,00	55,56	2,00	345	59-1002-16FP
1	1 5/16-12 UNF	130,05	69,85	65,00	55,56	1,99	345	59-1002-16FO
1 1/2	1 1/4-11 1/2 NPTF	150,88	95,25	75,00	66,68	3,78	345	59-1502-20FP
1 1/2	1 5/8-12 UNF	150,88	95,25	75,00	66,68	3,76	345	59-1502-20FO
1 1/2	1 1/2-11 1/2 NPTF	150,88	95,25	75,00	66,68	3,78	345	59-1502-24FP
1 1/2	1 7/8-12 UNF	150,88	95,25	75,00	66,68	3,76	345	59-1502-24FO

Dust Protection 59-Series

Body Size	Version	Material	Part Number
1/2	for coupling	Steel	595DP-01
3/4	for coupling	Steel	597DP-01
1	for coupling	Steel	5910DP-01
1 1/2	for coupling	Steel	5915DP-01
1/2	for plug	Steel	595DC-01
3/4	for plug	Steel	597DC-01
1	for plug	Steel	5910DC-01
1 1/2	for plug	Steel	5915DC-01

⚠ Please consider our security advices on the pages 12/13 ⚠

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