Screw-to-connect

Body Size
3/4" up to 4"

Screw-to-Connect
75-Series



Technical Description
Parker Snap-tite 75 series couplings are designed for working pressures up to 345 bar. Screw-to-connect design available in steel or stainless steel.

Advantages
- Robust coupling for use in high pressure hydraulic service
- Connectable under residual pressure
- Wide range of sizes
- DBP version is ''Fire Safe'' rated to API 16D

Applications
- Cranes
- Power tongs
- Horizontal boring
- Dewatering
- Oilfields
- Offshore drilling

Working Pressure
See charts.

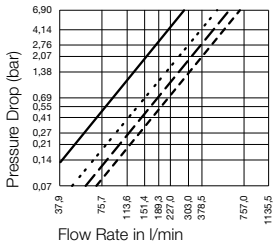
Working Temperature
-35°C up to +120°C (NBR)
-26°C up to +204°C (FKM)
-56°C up to +120°C (EPR)
depending on the medium.

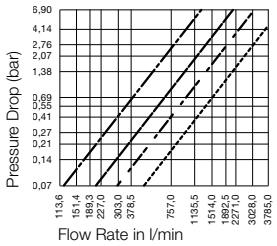
75-Series is also available with FKM or EPR seal.
Add the suffix **V** for FKM and the suffix **E** for EPR to the part number, e.g. **75C12-12FWV.**

Material Coupling	Steel	Stainless Steel
Coupling Body	Steel	AISI 316
Sleeve	Steel	AISI 316
Valve	Steel	AISI 316
Springs	Steel	AISI 302/ 17-7
Seals	NBR	NBR
Valve Holder	Steel	AISI 316

Material Plug	Steel	Stainless Steel
Plug Body	Steel	AISI 316
Valve	Steel	AISI 316
Springs	Steel	AISI 302/ 17-7
Seals	NBR	NBR
Valve Holder	Steel	AISI 316

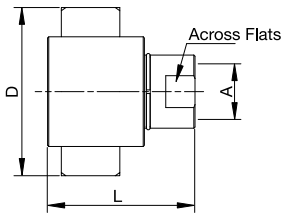
Flow Capacity with Hydraulic Oil 88 SSU with Viscosity of 18cSt





Body Size 3/4"
Body Size 1"
Body Size 1 1/4"
Body Size 1 1/2"
Body Size 2"
Body Size 2 1/2"
Body Size 3"
Body Size 4"

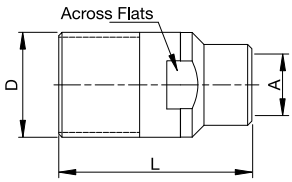
Couplings — 75-Series Steel



Female Thread

Body Size	Connection A	L mm	D mm	Across Flats mm	Weight kg	Max. Operating Pressure in bar	Part Number
3/4"	3/4-14 NPSF	72,14	47,50 (hex)	33,27	0,59	345	75C12-12FW
3/4"	G 3/4	72,14	47,50 (hex)	33,27	0,59	345	75C12-12RPW
3/4"	3/4-14 NPSF	72,14	47,50 (hex)		0,59	345	75C12-12F-DBP
1"	1-11 1/2 NPSF	87,63	107,95	42,93	1,27	345	75C16-16FW
1"	G 1	87,63	107,95	42,93	1,27	345	75C16-16RPW
1"	1-11 1/2 NPSF	87,63	107,95		1,27	345	75C16-16F-DBP
1 1/4"	1 1/4-11 1/2 NPTF	111,76	120,65	50,80	2,04	345	75C20-20FW
1 1/4"	G 1 1/4	111,76	120,65	50,80	2,04	345	75C20-20RPW
1 1/4"	1 1/4-11 1/2 NPTF	111,76	120,65		2,04	345	75C20-20F-DBP
1 1/2"	1 1/2-11 1/2 NPTF	128,02	146,05	57,15	3,31	345	75C24-24FW
1 1/2"	G 1 1/2	128,02	146,05	57,15	3,31	345	75C24-24RPW
1 1/2"	1 1/2-11 1/2 NPTF	128,02	146,05		3,31	345	75C24-24F-DBP
2"	2-11 1/2 NPT	154,18	171,45	76,20	6,98	345	75C32-32FW
2"	G 2	154,18	171,45	76,20	6,98	345	75C32-32RPW
2"	2-11 1/2 NPT	154,18	171,45		6,98	345	75C32-32F-DBP
2 1/2"	2 1/2 - 8 NPTF	134,37	203,20	88,90	9,07	207	75C40-40FW
2 1/2"	G 2 1/2	134,37	203,20	88,90	9,07	207	75C40-40RPW
3"	3-8 NPTF	148,34	215,90	107,95	13,60	207	75C48-48FW
3"	G 3	148,34	215,90	107,95	13,60	207	75C48-48RPW

Plugs — 75-Series Steel

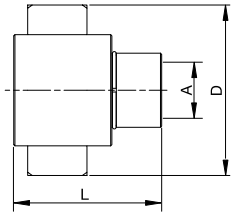


Female Thread

Body Size	Connection A	L mm	D mm	Across Flats mm	Weight kg	Max. Operating Pressure in bar	Part Number
3/4"	3/4-14 NPSF	83,06	44,45	39,62	0,44	345	75N12-12FW
3/4"	G 3/4	83,06	44,45	39,62	0,44	345	75N12-12RPW
3/4"	3/4-14 NPSF	83,06	44,45		0,44	345	75N12-12F-DBP
1"	1-11 1/2NPSF	105,92	57,15	50,80	1,00	345	75N16-16FW
1"	G 1	105,92	57,15	50,80	1,00	345	75N16-16RPW
1"	1-11 1/2NPSF	105,92	57,15		1,00	345	75N16-16F-DBP
1 1/4"	1 1/4-11 1/2NPTF	136,14	66,55	60,45	1,72	345	75N20-20FW
1 1/4"	G 1 1/4	136,14	66,55	60,45	1,72	345	75N20-20RPW
1 1/4"	1 1/4-11 1/2NPTF	136,14	66,55		1,72	345	75N20-20F-DBP
1 1/2"	1 1/2-11 1/2 NPTF	151,64	82,30	73,15	2,95	345	75N24-24FW
1 1/2"	G 1 1/2	151,64	82,30	73,15	2,95	345	75N24-24RPW
1 1/2"	1 1/2-11 1/2 NPTF	151,64	82,30		2,95	345	75N24-24F-DBP
2"	2-11 1/2 NPT	179,07	101,60	88,90	5,78	345	75N32-32FW
2"	G 2	179,07	101,60	88,90	5,78	345	75N32-32RPW
2"	2-11 1/2 NPT	179,07	101,60		5,78	345	75N32-32F-DBP
2 1/2"	2 1/2 - 8 NPTF	189,48	127,00	88,90	7,26	207	75N40-40FW
2 1/2"	G 2 1/2	189,48	127,00	88,90	7,26	207	75N40-40RPW
3"	3-8 NPTF	209,80	152,40	107,95	12,96	207	75N48-48FW
3"	G 3	209,80	152,40	107,95	12,96	207	75N48-48RPW

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

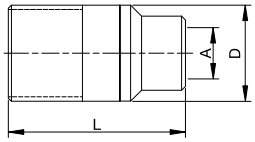
Couplings — 75-Series Stainless Steel



Female Thread

Body Size	Connection A	L mm	D mm	Weight kg	Max. Operating Pressure in bar	Part Number
3/4"	3/4-14 NPSF	72,14	47,50 (hex)	0,59	207	S75C12-12F
3/4"	G 3/4	72,14	47,50 (hex)	0,59	207	S75C12-12RP
1"	1-11 1/2 NPSF	87,63	107,95	1,27	207	S75C16-16F
1"	G 1	87,63	107,95	1,27	207	S75C16-16RP
1 1/4"	1 1/4-11 1/2 NPT	111,76	120,65	2,04	207	S75C20-20F
1 1/4"	G 1 1/4	111,76	120,65	2,04	207	S75C20-20RP
1 1/2"	1 1/2-11 1/2 NPT	128,02	146,05	3,31	207	S75C24-24F
1 1/2"	G 1 1/2	128,02	146,05	3,31	207	S75C24-24RP
2"	2-11 1/2 NPT	154,18	171,45	6,98	207	S75C32-32F
2"	G 2	154,18	171,45	6,98	207	S75C32-32RP

Plugs — 75-Series Stainless Steel



Female Thread

Body Size	Connection A	L mm	D mm	Weight kg	Max. Operating Pressure in bar	Part Number
3/4"	3/4-14 NPSF	83,06	44,45	0,44	207	S75N12-12F
3/4"	G 3/4	83,06	44,45	0,44	207	S75N12-12RP
1"	1-11 1/2 NPSF	105,92	57,15	1,00	207	S75N16-16F
1"	G 1	105,92	57,15	1,00	207	S75N16-16RP
1 1/4"	1 1/4-11 1/2 NPT	136,14	66,55	1,72	207	S75N20-20F
1 1/4"	G 1 1/4	136,14	66,55	1,72	207	S75N20-20RP
1 1/2"	1 1/2-11 1/2 NPT	151,64	82,30	2,95	207	S75N24-24F
1 1/2"	G 1 1/2	151,64	82,30	2,95	207	S75N24-24RP
2"	2-11 1/2 NPT	179,07	101,60	5,78	207	S75N32-32F
2"	G 2	179,07	101,60	5,78	207	S75N32-32RP

Dust Protection — 75-Series

Body Size	Version	Material	Part Number
3/4"	for coupling	Steel	75MDP-12
1"	for coupling	Steel	75MDP-16
1 1/4"	for coupling	Steel	75MDP-20
1 1/2"	for coupling	Steel	75MDP-24
2"	for coupling	Steel	75MDP-32
2 1/2"	for coupling	Steel	75MDP-40
3"	for coupling	Steel	75MDP-48
3/4"	for plug	Steel	75MDC-12
1"	for plug	Steel	75MDC-16
1 1/4"	for plug	Steel	75MDC-20
1 1/2"	for plug	Steel	75MDC-24
2"	for plug	Steel	75MDC-32
2 1/2"	for plug	Steel	75MDC-40
3"	for plug	Steel	75MDC-48

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