Body Size

1/4" up to 2"

Snap-tite Profile

71-Series



Technical Description
Parker Snap-tite 71 series couplings are designed for working pressures up to 690 bar.
Available in a variety of materials and with a wide range of body sizes.

Advantages
- Flush face/Non-spill
- Push-to-connect
- Large flow chambers resulting in superior flow and pressure drop
- Optional sleevelock
- Heavy duty construction

Applications
- Industrial Hydraulic lines
- Offshore drilling
- Pumps
- Test points
- Chemical Plants

Working Pressure
See charts.

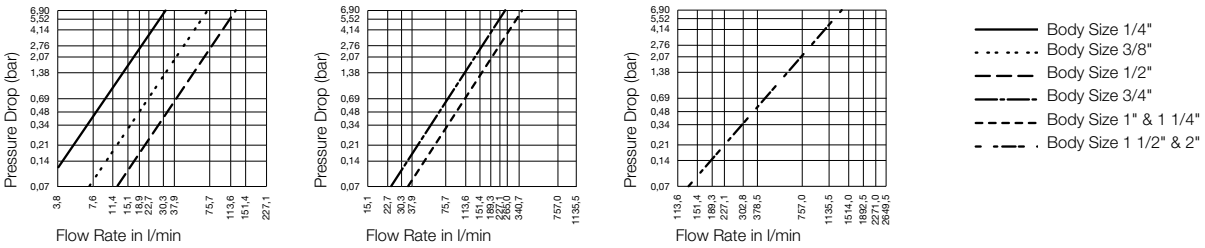
Working Temperature
-35°C up to +120°C (NBR)
-26°C up to +204°C (FKM)
-56°C up to +120°C (EPR)
depending on the medium.

71-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. **71-3C4-4FV**.

Material Coupling	Steel	Stainless Steel	High Pressure Stainless Steel
Coupling Body	Steel	AISI 316	AISI 316
Sleeve	Steel	AISI 316	AISI 316 controlled strength
Valve	Steel	AISI 316	AISI 316 controlled strength
Springs	AISI 302 / 17-7	AISI 302 / 17-7	AISI 302 / 17-7
Locking Balls	440 C	AISI 316	Ceramic
Seals	NBR	NBR	NBR
Valve Holder	Steel	AISI 316	AISI 316 controlled strength

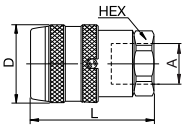
Material Plug	Steel	Stainless Steel	High Pressure Stainless Steel
Plug Body	Steel	AISI 316	AISI 316 controlled strength
Valve	Steel	AISI 316	AISI 316
Springs	17-7	17-7	17-7
Seals	NBR	NBR	NBR
Valve Holder	Steel	AISI 316	AISI 316

Flow Capacity with MIL-H-6083 Hydraulic Fluid at 32°C +/-1,5°C



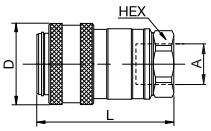
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Couplings — 71-Series Steel



Female Thread

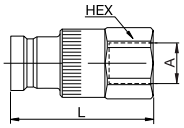
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	23,88	49,78	30,23	0,18	690	71-3C4-4F
1/4"	G 1/4	23,88	49,78	30,23	0,18	690	71-3C4-4RP
3/8"	3/8-18 NPTF	30,23	59,95	39,62	0,36	690	71-3C6-6F
3/8"	G 3/8	30,23	59,95	39,62	0,36	690	71-3C6-6RP
1/2"	1/2-14 NPTF	38,10	70,36	47,75	0,59	690	71-3C8-8F
1/2"	G 1/2	38,10	70,36	47,75	0,59	690	71-3C8-8RP
3/4"	3/4-14 NPTF	44,45	77,47	57,15	0,91	517	71-3C12-12F
3/4"	G 3/4	44,45	77,47	57,15	0,91	517	71-3C12-12RP
1"	1-11 1/2 NPTF	50,80	84,33	66,80	1,32	517	71-3C16-16F
1"	G 1	50,80	84,33	66,80	1,32	517	71-3C16-16RP
1"	1 1/4-11 1/2 NPT	50,80	93,22	66,80	1,36	517	71-3C16-20F
1"	G 1 1/4	50,80	93,22	66,80	1,36	517	71-3C16-20RP



Female Thread

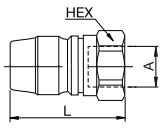
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	85,85	157,73	114,30	5,67	344	71-1C32-24F
2"	G 1 1/2	85,85	157,73	114,30	5,67	344	71-1C32-24RP
2"	2-11 1/2 NPT	85,85	157,73	114,30	5,44	344	71-1C32-32F
2"	G 2	85,85	157,73	114,30	5,44	344	71-1C32-32RP

Plugs — 71-Series Steel



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	20,57	46,74		0,09	690	71-3N4-4F
1/4"	G 1/4	20,57	46,74		0,09	690	71-3N4-4RP
3/8"	3/8-18 NPTF	25,40	58,93		0,18	690	71-3N6-6F
3/8"	G 3/8	25,40	58,93		0,18	690	71-3N6-6RP
1/2"	1/2-14 NPTF	38,10	60,45		0,32	690	71-3N8-8F
1/2"	G 1/2	38,10	60,45		0,32	690	71-3N8-8RP
3/4"	3/4-14 NPTF	44,45	75,18		0,50	517	71-3N12-12F
3/4"	G 3/4	44,45	75,18		0,50	517	71-3N12-12RP
1"	1-11 1/2 NPTF	47,75	82,04		0,73	517	71-3N16-16F
1"	G 1	47,75	82,04		0,73	517	71-3N16-16RP
1"	1 1/4-11 1/2 NPT	50,80	88,90		0,79	517	71-3N16-20F
1"	G 1 1/4	50,80	88,90		0,79	517	71-3N16-20RP

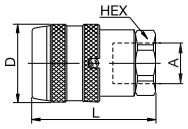


Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	82,55	114,30		2,15	344	71N32-24F
2"	G 1 1/2	82,55	114,30		2,15	344	71N32-24RP
2"	2-11 1/2 NPT	82,55	118,20		1,90	344	71N32-32F
2"	G 2	82,55	118,20		1,90	344	71N32-32RP

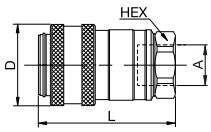
⚠ Please consider our security advices on the pages 12/13 ⚠

Couplings — 71-Series Stainless Steel



Female Thread

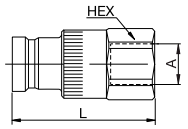
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	23,88	49,78	30,23	0,18	344	S71-3C4-4F
1/4"	G 1/4	23,88	49,78	30,23	0,18	344	S71-3C4-4RP
3/8"	3/8-18 NPSF	30,23	59,95	39,62	0,36	344	S71-3C6-6F
3/8"	G 3/8	30,23	59,95	39,62	0,36	344	S71-3C6-6RP
1/2"	1/2-14 NPSF	38,10	70,36	47,75	0,59	344	S71-3C8-8F
1/2"	G 1/2	38,10	70,36	47,75	0,59	344	S71-3C8-8RP
3/4"	3/4-14 NPSF	44,45	77,47	57,15	0,91	344	S71-3C12-12F
3/4"	G 3/4	44,45	77,47	57,15	0,91	344	S71-3C12-12RP
1"	1-11 1/2 NPSF	50,80	84,33	66,80	1,32	275	S71-3C16-16F
1"	G 1	50,80	84,33	66,80	1,32	275	S71-3C16-16RP
1"	1 1/4-11 1/2 NPT	50,80	93,22	66,80	1,36	275	S71-3C16-20F
1"	G 1 1/4	50,80	93,22	66,80	1,36	275	S71-3C16-20RP



Female Thread

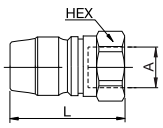
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	85,85	157,73	114,30	5,67	206	S71-1C32-24F
2"	G 1 1/2	85,85	157,73	114,30	5,67	206	S71-1C32-24RP
2"	2-11 1/2 NPT	85,85	157,73	114,30	5,44	206	S71-1C32-32F
2"	G 2	85,85	157,73	114,30	5,44	206	S71-1C32-32RP

Plugs — 71-Series Stainless Steel



Female Thread

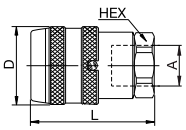
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	20,57	46,74		0,09	344	S71-3N4-4F
1/4"	G 1/4	20,57	46,74		0,09	344	S71-3N4-4RP
3/8"	3/8-18 NPSF	25,40	58,93		0,18	344	S71-3N6-6F
3/8"	G 3/8	25,40	58,93		0,18	344	S71-3N6-6RP
1/2"	1/2-14 NPSF	38,10	60,45		0,32	344	S71-3N8-8F
1/2"	G 1/2	38,10	60,45		0,32	344	S71-3N8-8RP
3/4"	3/4-14 NPSF	44,45	75,18		0,50	344	S71-3N12-12F
3/4"	G 3/4	44,45	75,18		0,50	344	S71-3N12-12RP
1"	1-11 1/2 NPSF	47,75	82,04		0,73	275	S71-3N16-16F
1"	G 1	47,75	82,04		0,73	275	S71-3N16-16RP
1"	1 1/4-11 1/2 NPT	50,80	88,90		0,79	275	S71-3N16-20F
1"	G 1 1/4	50,80	88,90		0,79	275	S71-3N16-20RP



Female Thread

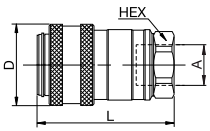
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	82,55	114,30		2,15	206	S71N32-24F
2"	G 1 1/2	82,55	114,30		2,15	206	S71N32-24RP
2"	2-11 1/2 NPT	82,55	118,20		1,90	206	S71N32-32F
2"	G 2	82,55	118,20		1,90	206	S71N32-32RP

Couplings — 71-Series High Pressure Stainless Steel



Female Thread

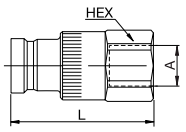
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	23,88	49,78	30,23	0,18	690	SH71-3C4-4F
1/4"	G 1/4	23,88	49,78	30,23	0,18	690	SH71-3C4-4RP
3/8"	3/8-18 NPSF	30,23	59,95	39,62	0,36	690	SH71-3C6-6F
3/8"	G 3/8	30,23	59,95	39,62	0,36	690	SH71-3C6-6RP
1/2"	1/2-14 NPSF	38,10	70,36	47,75	0,59	690	SH71-3C8-8F
1/2"	G 1/2	38,10	70,36	47,75	0,59	690	SH71-3C8-8RP
3/4"	3/4-14 NPSF	44,45	77,47	57,15	0,91	517	SH71-3C12-12F
3/4"	G 3/4	44,45	77,47	57,15	0,91	517	SH71-3C12-12RP
1"	1-11 1/2 NPSF	50,80	84,33	66,80	1,32	517	SH71-3C16-16F
1"	G 1	50,80	84,33	66,80	1,32	517	SH71-3C16-16RP
1"	1 1/4-11 1/2 NPT	50,80	93,22	66,80	1,36	517	SH71-3C16-20F
1"	G 1 1/4	50,80	93,22	66,80	1,36	517	SH71-3C16-20RP



Female Thread

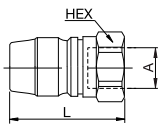
Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	85,85	157,73	114,30	5,67	344	SH71-1C32-24F
2"	G 1 1/2	85,85	157,73	114,30	5,67	344	SH71-1C32-24RP
2"	2-11 1/2 NPT	85,85	157,73	114,30	5,44	344	SH71-1C32-32F
2"	G 2	85,85	157,73	114,30	5,44	344	SH71-1C32-32RP

Plugs — 71-Series High Pressure Stainless Steel



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	20,57	46,74		0,09	690	SH71-3N4-4F
1/4"	G 1/4	20,57	46,74		0,09	690	SH71-3N4-4RP
3/8"	3/8-18 NPSF	25,40	58,93		0,18	690	SH71-3N6-6F
3/8"	G 3/8	25,40	58,93		0,18	690	SH71-3N6-6RP
1/2"	1/2-14 NPSF	38,10	60,45		0,32	690	SH71-3N8-8F
1/2"	G 1/2	38,10	60,45		0,32	690	SH71-3N8-8RP
3/4"	3/4-14 NPSF	44,45	75,18		0,50	517	SH71-3N12-12F
3/4"	G 3/4	44,45	75,18		0,50	517	SH71-3N12-12RP
1"	1-11 1/2 NPSF	47,75	82,04		0,73	517	SH71-3N16-16F
1"	G 1	47,75	82,04		0,73	517	SH71-3N16-16RP
1"	1 1/4-11 1/2 NPT	50,80	88,90		0,79	517	SH71-3N16-20F
1"	G 1 1/4	50,80	88,90		0,79	517	SH71-3N16-20RP



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
2"	1 1/2-11 1/2 NPT	82,55	114,30		2,15	344	SH71N32-24F
2"	G 1 1/2	82,55	114,30		2,15	344	SH71N32-24RP
2"	2-11 1/2 NPT	82,55	118,20		1,90	344	SH71N32-32F
2"	G 2	82,55	118,20		1,90	344	SH71N32-32RP

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

Dust Protection — 71-Series

	Body Size	Version	Material	Color	Part Number
	1/4"	for coupling	Plastic	Black	71-3PCC-4
	3/8"	for coupling	Plastic	Black	71-3PCC-6
	1/2"	for coupling	Plastic	Black	71-3PCC-8
	3/4"	for coupling	Plastic	Black	71-3PCC-12
	1"	for coupling	Plastic	Black	71-3PCC-16
	1/4"	for plug	Plastic	Black	71-3PNC-4
	3/8"	for plug	Plastic	Black	71-3PNC-6
	1/2"	for plug	Plastic	Black	71-3PNC-8
	3/4"	for plug	Plastic	Black	71-3PNC-12
	1"	for plug	Plastic	Black	71-3PNC-16

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