

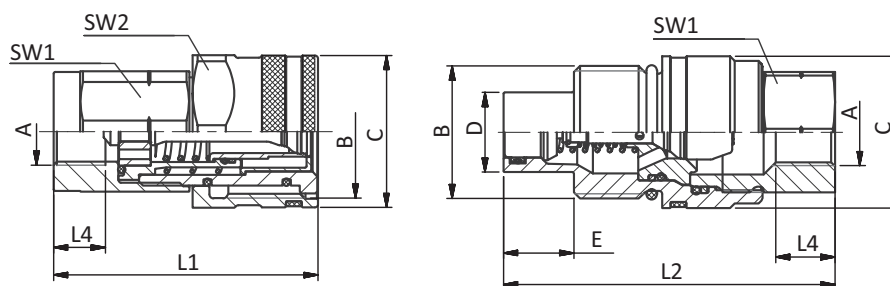


SERIES: FG

Carbon Steel
Screw Connect / Connect under pressure
Heavy duty

Product Features

- Flat Face
- Heavy duty internal components
- Tested acc. API-16D and acc. EUB Directive 036 (nominal sizes 12, 16, 19, 25)
- Green O-Ring - External O-ring as a safety feature to indicate the complete/correct connection of the male tip and female body (the O-ring must be covered by the sleeve of the female body)



Dimensions (mm)

Nominal Size	Port A	B	C \varnothing	D \varnothing	E	L1	L2	L4	SW1	SW2	Female Body Weight kg	Male Tip Weight kg
10	G3/8"	M33x2	37.8	19.79	17.5	65.8	82.3	12.9	30	38	0.347	0.384
10	G1/2"	M33x2	37.8	19.79	17.5	70.4	82.3	14	30	38	0.352	0.368
12	G1/2"	M40x3	46.1	24.45	18.9	84.7	96	14	36	46	0.671	0.671
12	G3/4"	M40x3	46.1	24.45	18.9	87.7	97	18	36	46	0.637	0.648
19	G1"	M50x3	55	29.97	23.85	101	114	20	46	55	1.152	1.076
25	G1 1/4"	M58x3	64.5	35.94	25	108	123.5	21.5	55	65	1.550	1.510

Technical Data

Series	DN	DN	Q max	Working Pressure				Bursting Pressure				Spillage
				ISO 4397		Connected / Male Tip		Connected / Male Tip		Female Body		
				Inch	mm	l/min	bar	PSI	bar	PSI	bar	
FG-10	3/8	10	46	550	7977	330	4786	1400	20305	1000	14504	0.01
FG-12	1/2	12.5	90	550	7977	330	4786	1400	20305	1000	14504	0.01
FG-19	3/4	19	200	500	7252	330	4786	1400	20305	1000	14504	0.01
FG-25	1	25	378	470	6817	300	4351	1200	17405	800	11603	0.005

Series	DN	Maximum pressure for connecting						Maximum pressure for disconnecting	
		Pressure on Male Tip		Pressure on Female Body		Pressure on Female Body		bar	PSI
		Female Body pressureless		Male Tip pressureless		Pressure on Male Tip			
	Inch	bar	PSI	bar	PSI	bar	PSI		
FG-10	3/8	250	3626	250	3626	250	3626	250	3626
FG-12	1/2	250	3626	250	3626	200	29.1	200	29.1
FG-19	3/4	250	3626	250	3626	150	2176	150	2176
FG-25	1	250	3626	250	3626	150	2176	150	2176

The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

SERIES: FG

Carbon Steel
Screw Connect / Connect under pressure
Heavy duty



QUICK CONNECT COUPLINGS

Technical Features

Material	Carbon Steel
Surface Finishing	Zinc/Nickel
Standard Seal	NBR (Buna-N®), PTFE, PU, POM
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Connection	Screw
Disconnection	Screw
Connect Under Pressure	Male tip or female can be connected up to 250 bar (3626 PSI) by hand or with tool
Disconnect Under Pressure	Allowed
Application	Construction Machinery, Industrial Hydraulic, Onshore

Article no.	Description
710001	Screw Flat Face Female 10 Body 3/8" BSPF
710002	Screw Flat Face Male 10 Body 3/8" BSPF
710003	Screw Flat Face Female 10 Body 1/2" BSPF
710004	Screw Flat Face Male 10 Body 1/2" BSPF
710005	Screw Flat Face Female 12 Body 1/2" BSPF
710006	Screw Flat Face Male 12 Body 1/2" BSPF
710007	Screw Flat Face Female 12 Body 3/4" BSPF
710008	Screw Flat Face Male 12 Body 3/4" BSPF
710009	Screw Flat Face Female 19 Body 1" BSPF
710010	Screw Flat Face Male 19 Body 1" BSPF
710011	Screw Flat Face Female 25 Body 1 1/4" BSPF
710012	Screw Flat Face Male 25 Body 1 1/4" BSPF

SERIES: FG - DUST PROTECTION

Dust Cap for Male Tip

Size	Material	Article no.
10	Aluminium with chain	FG10MA
12.5		FG12MA
19		FG19MA
25		FG25MA

Dust Plug for Female Body

Size	Material	Article no.
10	Aluminium with chain	FG10FA
12.5		FG12FA
19		FG19FA
25		FG25FA