STAUFF Push-to-connect coupling Flat-Face series FC

Flat Face Push-to-Connect Couplings of the FC Series consist of a male tip which is designed according to ISO 16028 and are compatible with couplings of this type.

In combination with Female Bodies of the FF Series, Male Tips of the FC Series are used for quick and easy connection (push) and disconnection of tubes, pipes and hoses by hand, i.e. without tools.

The Series was developed for coupling Under pressure and is available in the following nominal sizes 10, 12, 16, 19, 25 (3/8" - 1").

Characteristics

Series: FC
Material: Steel
Surface protection: Zinc-Nickel
Valve shape: Flat face
Minimum medium temperature (continuous): -25 °C
Maximum medium temperature (continuous): 100 °C
Standard: ISO 16028
Connectable under residual pressure: Yes, with restrictions

Application

● Agricultural and forestry machinery, construction machinery, industrial hydraulic

Technical Information

Connect under pressure:

● up to 250 bar (3626 PSI) allowed (Only Residual Pressure)

Execution

Flat Face quick release couplings have the following advantages:

● The flat face valve design reduces the risk of leakage and wear
● Reducing the risk of contaminants from entering the system
● Powerful flow characteristics with minimal pressure drop

Type of component	Construction size	Nominal bore in DN	Coupling size (inch)	Connection type	Connection size	Maximum operating pressure	Spillage	Max. flow rate	Sealing	Article
		mm				bar	ml	l/min		
Plug (male)	2	10	3/8"	Internal thread	3/8" BSP cyl.	350	0.013	46	NBR/PTFE/POM/PU	14545863
Plug (male)	3	12.5	1/2"	Internal thread	3/8" BSP cyl.	350	0.013	90	NBR/PTFE/POM/PU	14545850

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