

## Quick Release Couplings FH - FLAT FACE



### Product Description

The FH series represents a significant advancement on the long standing and proven flat seal couplings through the use of better quality materials, which allows for even higher operating pressures than those pressures stated in the standard ISO 16028.

The design and sealing of the flat valves ensures that coupling and decoupling only leads to minimum oil losses and/or air locks.

### Features

- According to ISO 16028
- Maximum operating pressure 350 bar
- Extended protection
- Zinc-nickel plated
- High performance flow characteristics
- Modular design
- Equipped with decoupling safety system

### Material

- Steel
- Stainless steel FH-VA (available on request)

### Applications

- Agriculture machinery
- Construction machinery
- Hydraulic attachments & implements
- Hydraulic hammers

### Advantages

- Optimum surface protection
- Screwed components
- Locking pin
- Sealing design prevents extrusion to excessive flows
- Zero leakage flat face valve
- Internal valve is retained between threaded assemblies, not by conventional split ring

### Optional - Male Tip

#### FU type - for coupling under pressure

- According to ISO 16028
- Maximum operating pressure 350 bar
- Available in sizes to suit FH10, FH12 & FH19 female coupling

#### Function

Male tip valve has a secondary valve integrated allowing it to be connected by hand while having a residual pressure up to 350 bar.

Contact STAUFF for details.

### Order Codes / Technical Information

Item No.	Description	Working Pressure	Bursting Pressure	
			Connected	Female
2012031628	FH10-2-IGF06 - COUPLING FEMALE FLAT FACE 3/8" BSPP PORT	35 MPa (350 bar)	1500 bar	1050 bar
2012031874	FH10-2-IGF08 - COUPLING FEMALE FLAT FACE 1/2" BSPP PORT	35 MPa (350 bar)	1500 bar	1050 bar
2012031698	FH12-1-IGF08 - COUPLING FEMALE FLAT FACE 1/2" BSPP PORT	35 MPa (350 bar)	1200 bar	1000 bar
2012031810	FH12-1-IGF12 - COUPLING FEMALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1200 bar	1000 bar
2012031680	FH16-1-IGF12 - COUPLING FEMALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1200 bar	1100 bar
2012031714	FH19-1-IGF12 - COUPLING FEMALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1450 bar	1050 bar
2012031701	FH19-1-IGF16 - COUPLING FEMALE FLAT FACE 1" BSPP PORT	35 MPa (350 bar)	1450 bar	1050 bar

Item No.	Description	Working Pressure	Bursting Pressure	
			Connected	Male
2012031677	FH10-2-IGF06 - COUPLING MALE FLAT FACE 3/8" BSPP PORT	35 MPa (350 bar)	1500 bar	1100 bar
2012031875	FH10-2-IGF08 - COUPLING MALE FLAT FACE 1/2" BSPP PORT	35 MPa (350 bar)	1500 bar	1100 bar
2012031678	FH12-2-IGF08 - COUPLING MALE FLAT FACE 1/2" BSPP PORT	35 MPa (350 bar)	1200 bar	1050 bar
2012031876	FH12-2-IGF12 - COUPLING MALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1200 bar	1050 bar
2012031667	FH16-2-IGF12 - COUPLING MALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1200 bar	1100 bar
2012031715	FH19-2-IGF12 - COUPLING MALE FLAT FACE 3/4" BSPP PORT	35 MPa (350 bar)	1450 bar	1050 bar
2012031668	FH19-2-IGF16 - COUPLING MALE FLAT FACE 1" BSPP PORT	35 MPa (350 bar)	1450 bar	1050 bar

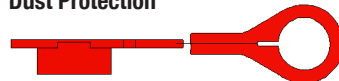
### Interchange / Brands

Indunorm / Faster / DNP / Hansa-Flex / Stucchi / Wagener / TEMA / INTEVA / CJEN / Parker / Safeway / Dixon / Hansen

Coating: Zinc-nickel | Sealings: NBR / PTFE  
Other thread connections available NPT / UNF / Metric

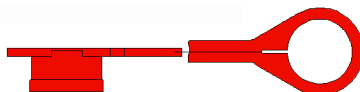
### Accessories

#### Dust Protection



Dust cap for female body

Item No.	Description
2012032460	FH10-9-RT001 - QRC-DUST PLUG-FEMALE BODY-SERIES 10
6100035169	FH12-9-RT001 - QRC-DUST PLUG-FEMALE BODY-SERIES 12
6100035225	FH16-9-RT001 - QRC-DUST PLUG-FEMALE BODY-SERIES 16
2012032462	FH19-9-RT001 - QRC-DUST PLUG-FEMALE BODY-SERIES 19



Dust cap for male tip

Item No.	Description
2012032152	FH10-0-RT001 - QRC-DUST CAP-MALE TIP-SERIES 10
6100035131	FH12-0-RT001 - QRC-DUST CAP-MALE TIP-SERIES 12
6100035221	FH16-0-RT001 - QRC-DUST CAP-MALE TIP-SERIES 16
2012032463	FH19-0-RT001 - QRC-DUST CAP-MALE TIP-SERIES 19

#### Fluid Identification Coloured Bands

##### Available Colours

- - Black
- - Blue
- - Brown
- - Dark Green
- - Light Green
- - Grey
- - Orange
- - Pink
- - Purple
- - Red
- - Tan
- - Yellow



Sizes available on request: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"