

QF

FLAT FACE STANDARD ISO 16028

TOP COAT



PATENT PENDING



DN 6 to 25
1/4" to 1"



WP 350 bar
5075 PSI

- Flow performance optimized by CFD
- Low leak-oil rates, eco-friendly
- Robust, compact and lightweight
- Extended temperature range

General features: ARGUS QF flat face quick release couplings are used for quick coupling and uncoupling of hydraulic lines. During the coupling action in zero or low-pressure ranges, valves that release or block the flow are automatically activated. The QF flat face quick release coupling, formed by a coupling plug and a coupling socket, is coupled by pushing on a sleeve. This guarantees a flush connection between the two coupling halves. The sleeve is designed to be moved in the relevant direction for disconnecting or connecting the coupling halves. A safety system against accidental uncoupling is present on the female part.

Materials: galvanized steel with hardened parts subject to wear. HNBR seals (other materials on request) - Backup rings PTFE - Thermoplastic dust cap and dust plug. Top Coat Cr-III zinc plating with additional trivalent passivation for outstanding surface protection.

Application: suitable for liquid lines with mineral oil-based hydraulic fluids to DIN 51524 T1+T2. Also available for flame-resistant hydraulic fluids to VDMA 24317, for pneumatic and water hydraulics in appropriate materials on request.

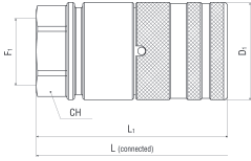
Norm: ISO 16028

Temperature range:
-22°F (-30°C) to +257°F (+125°C)

Note: other sizes and connection types available on request.

Specific instructions for installation, use and maintenance are separately provided.

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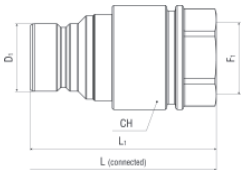


STANDARD ISO 16028 - FLAT FACE QF

Female coupling - Female thread

Item Code	⌀			Working Pressure psi	Burst Pressure psi	Thread 1	F1	D1	CH	L1	L
	Dash	mm	in					mm	mm	mm	mm
QFF-0404-FNPR	04	6.0	1/4	5075	20300	NPTF	1/4-18	26.0	22.0	57.8	97.00
QFF-0606-FNPR	06	10.0	3/8	5075	20300	NPTF	3/8-18	32.0	27.0	69.3	117.00
QFF-0608-FNPR	06	10.0	3/8	5075	20300	NPTF	1/2-14	32.0	27.0	69.3	117.00
QFF-0808-FNPR	08	13.0	1/2	5075	20300	NPTF	1/2-14	38.0	32.0	74.5	125.00
QFF-0812-FNPR	08	13.0	1/2	5075	20300	NPTF	3/4-14	38.0	32.0	74.5	125.00
QFF-1012-FNPR	10	16.0	5/8	5075	20300	NPTF	3/4-14	40.0	34.0	81.3	134.00
QFF-1212-FNPR	12	19.0	3/4	5075	20300	NPTF	3/4-14	48.0	42.0	93.0	156.00
QFF-1216-FNPR	12	19.0	3/4	5075	20300	NPTF	1-11 1/2	48.0	42.0	93.0	156.00
QFF-1616-FNPR	16	25.0	1	5075	20300	NPTF	1-11 1/2	55.0	50.0	101.0	177.00
QFF-1620-FNPR	16	25.0	1	5075	20300	NPTF	1 1/4-11 1/2	55.0	50.0	101.0	177.00
QFF-0404-FORB	04	6.0	1/4	5075	20300	SAE-OB	7/16-20	26.0	22.0	57.8	97.00
QFF-0406-FORB	04	6.0	1/4	5075	20300	SAE-OB	9/16-18	26.0	22.0	57.8	97.00
QFF-0606-FORB	06	10.0	3/8	5075	20300	SAE-OB	9/16-18	32.0	27.0	71.3	119.00
QFF-0608-FORB	06	10.0	3/8	5075	20300	SAE-OB	3/4-16	32.0	27.0	72.3	121.00
QFF-0808-FORB	08	13.0	1/2	5075	20300	SAE-OB	3/4-16	38.0	32.0	74.5	125.00
QFF-0810-FORB	08	13.0	1/2	5075	20300	SAE-OB	7/8-14	38.0	32.0	74.5	125.00
QFF-0812-FORB	08	13.0	1/2	5075	20300	SAE-OB	1 1/16-12	38.0	32.0	80.5	137.00
QFF-1012-FORB	10	16.0	5/8	5075	20300	SAE-OB	1 1/16-12	40.0	34.0	90.3	153.00
QFF-1212-FORB	12	19.0	3/4	5075	20300	SAE-OB	1 1/16-12	48.0	42.0	95.5	160.50
QFF-1216-FORB	12	19.0	3/4	5075	20300	SAE-OB	1 5/16-12	48.0	42.0	97.5	164.50
QFF-1616-FORB	16	25.0	1	5075	20300	SAE-OB	1 5/16-12	55.0	50.0	107.3	185.30
QFF-1620-FORB	16	25.0	1	5075	20300	SAE-OB	1 5/8-12	55.0	50.0	109.3	187.30

NPTF connection according to ANSI B1-20.3, SAE UNF/UN connection according to SAE J 1926-1. Other threads available. Please consult factory.



STANDARD ISO 16028 - FLAT FACE QF

Male coupling - Female thread

Item Code	⌀			Working Pressure PSI	Burst Pressure PSI	Thread 1	F1	D1	CH	L1	L
	Dash	mm	inch					mm	mm	mm	mm
QFM-0404-FNPR	04	6.0	1/4	5075	20300	NPTF	1/4-18	16.2	20.0	50.5	97.00
QFM-0606-FNPR	06	10.0	3/8	5075	20300	NPTF	3/8-18	19.7	27.0	64.0	117.00
QFM-0608-FNPR	06	10.0	3/8	5075	20300	NPTF	1/2-14	19.7	27.0	64.0	117.00
QFM-0808-FNPR	08	13.0	1/2	5075	20300	NPTF	1/2-14	24.6	32.0	68.0	125.00
QFM-0812-FNPR	08	13.0	1/2	5075	20300	NPTF	3/4-14	24.6	32.0	68.0	125.00
QFM-1012-FNPR	10	16.0	5/8	5075	20300	NPTF	3/4-14	27.0	34.0	70.0	134.00
QFM-1212-FNPR	12	19.0	3/4	5075	20300	NPTF	3/4-14	29.9	42.0	85.0	156.00
QFM-1216-FNPR	12	19.0	3/4	5075	20300	NPTF	1-11 1/2	29.9	42.0	85.0	156.00
QFM-1616-FNPR	16	25.0	1	5075	20300	NPTF	1-11 1/2	36.0	50.0	99.0	177.00
QFM-1620-FNPR	16	25.0	1	5075	20300	NPTF	1 1/4-11 1/2	36.0	50.0	99.0	177.00
QFM-0404-FORB	04	6.0	1/4	5075	20300	SAE-OB	7/16-20	16.2	20.0	50.5	97.00
QFM-0406-FORB	04	6.0	1/4	5075	20300	SAE-OB	9/16-18	16.2	20.0	50.5	97.00
QFM-0606-FORB	06	10.0	3/8	5075	20300	SAE-OB	9/16-18	19.7	27.0	64.0	119.00
QFM-0608-FORB	06	10.0	3/8	5075	20300	SAE-OB	3/4-16	19.7	27.0	65.0	121.00
QFM-0808-FORB	08	13.0	1/2	5075	20300	SAE-OB	3/4-16	24.6	32.0	72.0	125.00
QFM-0810-FORB	08	13.0	1/2	5075	20300	SAE-OB	7/8-14	24.6	32.0	72.0	125.00
QFM-0812-FORB	08	13.0	1/2	5075	20300	SAE-OB	1 1/16-12	24.6	32.0	78.0	137.00
QFM-1012-FORB	10	16.0	5/8	5075	20300	SAE-OB	1 1/16-12	27.0	34.0	80.0	153.00
QFM-1212-FORB	12	19.0	3/4	5075	20300	SAE-OB	1 1/16-12	29.9	42.0	87.0	160.50
QFM-1216-FORB	12	19.0	3/4	5075	20300	SAE-OB	1 5/16-12	29.9	42.0	89.0	164.50
QFM-1616-FORB	16	25.0	1	5075	20300	SAE-OB	1 5/16-12	36.0	50.0	99.0	185.30
QFM-1620-FORB	16	25.0	1	5075	20300	SAE-OB	1 5/8-12	55.0	50.0	109.3	187.30

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