FFAP

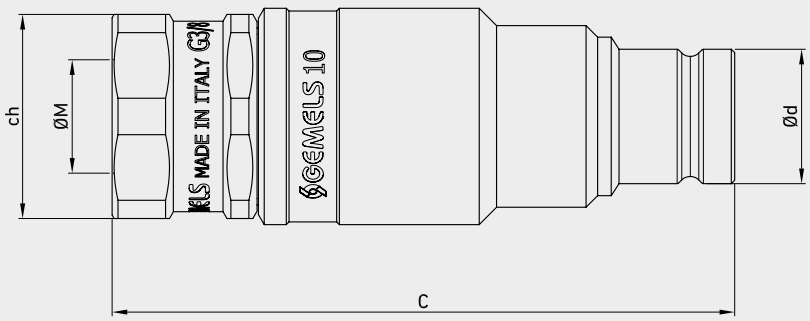
ISO 16028 - FLAT FACE CONNECTION UNDER PRESSURE

Edition. 21.5

CS Carbon Steel

- Type: Quick Couplings
- Models: ISO 16028
- Sizes: from DN6 up to DN25
- Pressure: up to PN420
- Treatment: Galvanized

Male



Available also in patented version: ball valve with integrated quick coupling.

CODE DESCRIPTION STRUCTURE

QC	G 1/2	M	DN12,5	1	B

Type of coupling

FFAP FLAT FACE

Ends

ISO 1179-1 BSPP	ASME B1.20.1 NPT	ISO 11926-1 (SAE J1926-1) ORB
G 3/8	N 3/8	SAE6
G1/2	N 1/2	SAE8
G 1/2	N 1/2	SAE8
G 3/4	N 3/4	SAE12
G 3/4	N 3/4	SAE12
G1	N 1	SAE16
G1	N1	SAE16
G1 1/4	N1 1/4	SAE20
G1 1/2	N1 1/2	/

MALE

DN/ISO

10
10
12,5
12,5
19
19
25
25
25

Body Material

● **1** = 1,0737

Seal material

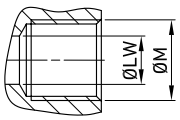
● **B** = NBR **E** = FKM*

*On request

• CAP for female coupling per FFAP

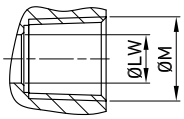
Available colours:

● Blue ● Yellow ● Red ● Green



QUICK COUPLINGS FLAT FACE CONNECTION UNDER PRESSURE (FFAP) (male) FEMALE THREAD ISO 1179-1 BSPP

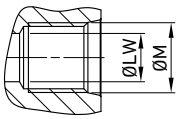
												CS Carbon Steel
TYPE	DN	PN			C	Ød	ch	ØM	WEIGHT			ITEM CODE
QC FFAP G 3/8 MALE	10	MPa	42	mm	91,5	19,75	30	G 3/8	kg	0,3		NC13G020000
		Psi	6090	inch	3,60	0,78			lb	0,66		
QC FFAP G 1/2 MALE		MPa	42	mm	95,6	19,75	30	G 1/2	kg	0,45		NC13G020001
		Psi	6090	inch	3,76	0,78			lb	0,99		
QC FFAP G 1/2 MALE	12,5	MPa	42	mm	103	24,5	34	G 1/2	kg	0,65		NC13G030000
		Psi	6090	inch	4,06	0,96			lb	1,43		
QC FFAP G 3/4 MALE		MPa	42	mm	106	24,5	34	G 3/4	kg	0,7		NC13G030001
		Psi	6090	inch	4,17	0,96			lb	1,54		
QC FFAP G 3/4 MALE	19	MPa	35	mm	128,5	29,95	41	G 3/4	kg	0,85		NC13G040000
		Psi	5075	inch	5,06	1,18			lb	1,87		
QC FFAP G 1 MALE		MPa	35	mm	132	29,95	41	G 1	kg	0,9		NC13G040001
		Psi	5075	inch	5,20	1,18			lb	1,98		
QC FFAP G 1 MALE	25	MPa	35	mm	143	36	50	G 1	kg	1,35		NC13G050000
		Psi	5075	inch	5,63	1,42			lb	2,98		
QC FFAP G 1 1/4 MALE		MPa	35	mm	145,7	36	50	G1 1/4	kg	1,4		NC13G050001
		Psi	5075	inch	5,74	1,42			lb	3,09		
QC FFAP G 1 1/2 MALE		MPa	35	mm	145,7	36	55	G1 1/2	kg	1,45		NC13G050002
		Psi	5075	inch	5,74	1,42			lb	3,20		



QUICK COUPLINGS FLAT FACE CONNECTION UNDER PRESSURE (FFAP) (male) FEMALE THREAD ASME B1.20.1 NPT

												CS Carbon Steel
TYPE	DN	PN			C	Ød	ch	ØM	WEIGHT			ITEM CODE
QC FFAP N 3/8 MALE	10	MPa	42	mm	93,5	19,75	30	N 3/8	kg	0,3		NC13N020000
		Psi	6090	inch	3,68	0,78			lb	0,66		
QC FFAP N 1/2 MALE		MPa	42	mm	98,3	19,75	30	N 1/2	kg	0,45		NC13N020001
		Psi	6090	inch	3,87	0,78			lb	0,99		
QC FFAP N 1/2 MALE	12,5	MPa	42	mm	103	24,5	34	N 1/2	kg	0,65		NC13N030000
		Psi	6090	inch	4,06	0,96			lb	1,43		
QC FFAP N 3/4 MALE		MPa	42	mm	106	24,5	34	N 3/4	kg	0,7		NC13N030001
		Psi	6090	inch	4,17	0,96			lb	1,54		
QC FFAP N 3/4 MALE	19	MPa	35	mm	128,5	29,95	41	N 3/4	kg	0,85		NC13N040000
		Psi	5075	inch	5,06	1,18			lb	1,87		
QC FFAP N 1 MALE		MPa	35	mm	132	29,95	41	N 1	kg	0,9		NC13N040001
		Psi	5075	inch	5,20	1,18			lb	1,98		
QC FFAP N 1 MALE	25	MPa	35	mm	143	36	50	N 1	kg	1,35		NC13N050000
		Psi	5075	inch	5,63	1,42			lb	2,98		
QC FFAP N 1 1/4 MALE		MPa	35	mm	145,7	36	50	N1 1/4	kg	1,4		NC13N050001
		Psi	5075	inch	5,74	1,42			lb	3,09		
QC FFAP N 1 1/2 MALE		MPa	35	mm	145,7	36	55	N1 1/2	kg	1,45		NC13N050002
		Psi	5075	inch	5,74	1,42			lb	3,20		

The company reserves the right to operate dimensional changes without prior notice.



QUICK COUPLINGS FLAT FACE CONNECTION UNDER PRESSURE (FFAP) (male) FEMALE THREAD ISO 11926-1 (SAE J1926-1) ORB

												CS Carbon Steel
TYPE	DN	PN			C	Ød	ch	ØM	WEIGHT			ITEM CODE
QC FFAP SAE6 MALE	10	MPa	42	mm	92,6	19,75	30	9/16-18 UNF	kg	0,3		NC13S020000
		Psi	6090	inch	3,65	0,78			lb	0,66		
QC FFAP SAE8 MALE		MPa	42	mm	95,6	19,75	30	3/4-16 UNF	kg	0,45		NC13S020001
		Psi	6090	inch	3,76	0,78			lb	0,99		
QC FFAP SAE8 MALE	12,5	MPa	42	mm	103	24,5	34	3/4-16 UNF	kg	0,65		NC13S030000
		Psi	6090	inch	4,06	0,96			lb	1,43		
QC FFAP SAE12 MALE		MPa	42	mm	108,5	24,5	34	1-1/16-12 UN	kg	0,7		NC13S030001
		Psi	6090	inch	4,27	0,96			lb	1,54		
QC FFAP SAE12 MALE	19	MPa	35	mm	130	29,95	41	1-1/16-12 UN	kg	0,85		NC13S040000
		Psi	5075	inch	5,12	1,18			lb	1,87		
QC FFAP SAE16 MALE		MPa	35	mm	132	29,95	41	1 5/16-12 UN	kg	0,9		NC13S040001
		Psi	5075	inch	5,20	1,18			lb	1,98		
QC FFAP SAE16 MALE	25	MPa	35	mm	143	36	50	1 5/16-12 UN	kg	1,35		NC13S050000
		Psi	5075	inch	5,63	1,42			lb	2,98		
QC FFAP SAE20 MALE		MPa	35	mm	145,7	36	50	1 5/8-12 UN	kg	1,4		NC13S050001
		Psi	5075	inch	5,74	1,42			lb	3,09		