



# Black Fittings

# Black Fittings

RACCORDI ZINCATI IN GHISA MALLEABILE ► MALLEABLE CAST IRON FITTINGS  
 RACCORDS GALVANISÉS EN FONTE MALLÉABLE ► RACORES CINCADOS EN FUNDICIÓN MALLEABLE

## BF1

CURVA 90° M/F ► 90° BEND M/F  
 90° COURBE M/F ► CURVA 90° M/H



SIZE	PACKING
1/4"	250
3/8"	200
1/2"	180
3/4"	100
1"	40
1.1/4"	20
1.1/2"	20
2"	10
2.1/2"	4
3"	3
4"	2

## BF41

CURVA 45° F/F ► 45° BEND F/F  
 45° COURBE F/F ► CURVA 45° H/H



SIZE	PACKING
3/8"	250
1/2"	200
3/4"	120
1"	50
1.1/4"	40
1.1/2"	30
2"	15
2.1/2"	6
3"	3
4"	2

## BF2

CURVA 90° F/F ► 90° BEND F/F  
 90° COURBE F/F ► CURVA 90° H/H



SIZE	PACKING
1/4"	250
3/8"	200
1/2"	180
3/4"	80
1"	40
1.1/4"	20
1.1/2"	15
2"	10
2.1/2"	4
3"	2
4"	2

## BF85

CURVA DI SORPASSO F/F ► CROSSOVER  
 DEPASSEMENT ► CURVA DE SOBREPASO



SIZE	PACKING
3/8"	100
1/2"	100
3/4"	60
1"	30

## BF40

CURVA 45° M/F ► 45° BEND M/F  
 45° COURBE M/F ► CURVA 45° M/H



SIZE	PACKING
1/4"	300
3/8"	250
1/2"	200
3/4"	120
1"	50
1.1/4"	40
1.1/2"	30
2"	15
2.1/2"	6
3"	3
4"	2

## BF90

GOMITO 90° F/F ► 45° BEND F/F  
 RACCORD COUDE 90° F/F ► CODO 90° H/H



SIZE	PACKING
1/4"	500
3/8"	400
1/2"	250
3/4"	140
1"	80
1.1/4"	40
1.1/2"	30
2"	18
2.1/2"	8
3"	6
4"	3
5"	1
6"	1

**BF92**

GOMITO 90° M/F ▶ 90° ELBOW M/F  
RACCORD COUDE 90° M/F ▶ CODO 90° M/H



SIZE	PACKING
1/4"	500
3/8"	400
1/2"	250
3/4"	140
1"	80
1.1/4"	40
1.1/2"	30
2"	16
2.1/2"	8
3"	6
4"	3

**BF96**

BOCCHETTONE CURVO SEDE CONICA F/F ▶ UNION ELBOW F/F CONICAL SEAT  
COUDE UNION F/F À JOINT CONIQUE ▶ UNION CODO H/H ASIENTO CONICO



SIZE	PACKING
1/2"	100
3/4"	60
1"	40
1.1/4"	30
1.1/2"	20
2"	15
2.1/2"	3
3"	3

**BF98**

BOCCHETTONE CURVO SEDE CONICA M/F ▶ UNION ELBOW M/F CONICAL SEAT  
COUDE UNION M/F À JOINT CONIQUE ▶ UNION CODO M/H ASIENTO CONICO



SIZE	PACKING
1/2"	80
3/4"	50
1"	30
1.1/4"	20
1.1/2"	15
2"	10
2.1/2"	3
3"	3

**BF120**

GOMITO 45° F/F ▶ 45° ELBOW F/F  
RACCORD COUDE 45° F/F ▶ CODO 45° H/H



SIZE	PACKING
1/2"	120
3/4"	100
1"	60
1.1/4"	50
1.1/2"	40
2"	20

**BF130**

TEE 90° ▶ 90° TEE  
RACCORD EN TÉ 90° ▶ EMPALME EN TEE 90°



SIZE	PACKING
1/4"	300
3/8"	190
1/2"	150
3/4"	80
1"	50
1.1/4"	30
1.1/2"	20
2"	12
2.1/2"	8
3"	6
4"	3
5"	1
6"	1

**BF180**

CROCE 90° ▶ 90° CROSS  
90° CROIX ▶ 90° CRUZ



SIZE	PACKING
3/8"	140
1/2"	100
3/4"	70
1"	40
1.1/4"	20
1.1/2"	15
2"	10
2.1/2"	6
3"	4
4"	2

**BF221**

DISTRIBUTORE 3 VIE ▶ SIDE OUTLET ELBOWS 90°  
DISTRIBUTEUR À COUDE ▶ CODO CON SALIDA LATERAL



SIZE	PACKING
3/8"	180
1/2"	150
3/4"	80
1"	60
1.1/4"	20
1.1/2"	20
2"	16

**BF223**

DISTRIBUTORE 4 VIE ▶ SIDE OUTLET TEES 90°  
DISTRIBUTEUR À TÉ ▶ TEE CON SALIDA LATERAL



SIZE	PACKING
1/2"	120
3/4"	60
1"	40
1.1/4"	20
1.1/2"	20
2"	8

# Black Fittings

## BF90R

GOMITO RIDOTTO ► REDUCED 90° ELBOW  
RACCORD COUDE 90° REDUIT ► CODO 90° REDUCIDO



SIZE	PACKING
1/2"x3/8"	300
3/4"x3/8"	160
3/4"x1/2"	160
1"x1/2"	110
1"x3/4"	100
1.1/4"x1/2"	80
1.1/4"x3/4"	70
1.1/4"x1"	60
1.1/2"x1"	40
1.1/2"x1.1/4"	40
2"x1"	40
2"x1.1/4"	30
2"x1.1/2"	30

## BF92R

GOMITO RIDOTTO M/F ► REDUCED 90° ELBOW M/F  
RACCORD COUDE 90° REDUIT ► CODO 90° REDUCIDO M/F



SIZE	PACKING
1/2"x3/8"	300
3/4"x1/2"	160
1"x3/4"	100
1.1/4"x1"	60

## BF130R

TEE RIDOTTO AL CENTRO ► REDUCED TEE  
RACCORD EN TEE REDUIT ► TEE REDUCIDO



SIZE	PACKING
3/8"x1/2"x3/8"	150
1/2"x3/8"x1/2"	150
1/2"x3/4"x1/2"	120
3/4"x3/8"x3/4"	120
3/4"x1/2"x3/4"	120
3/4"x1"x3/4"	60
1"x1/2"x1"	60
1"x3/4"x1"	60
1.1/4"x1/2"x1.1/4"	40
1.1/4"x3/4"x1.1/4"	40
1.1/4"x1"x1.1/4"	30
1.1/2"x1/2"x1.1/2"	30
1.1/2"x3/4"x1.1/2"	30
1.1/2"x1"x1.1/2"	30
1.1/2"x1.1/4"x1.1/2"	25
2"x1/2"x2"	20
2"x3/4"x2"	20
2"x1"x2"	20
2"x1.1/4"x2"	15
2"x1.1/2"x2"	15
2.1/2"x1"x2.1/2"	8
2.1/2"x1.1/4"x2.1/2"	8
2.1/2"x1.1/2"x2.1/2"	8
2.1/2"x2"x2.1/2"	8
3"x1"x3"	6
3"x1.1/4"x3"	6
3"x1.1/2"x3"	6
3"x2"x3"	6
3"x2.1/2"x3"	6
4"x2"x4"	3
4"x2.1/2"x4"	3
4"x3"x4"	3

## BF130P

TEE RIDOTTO PARTICOLARE ► REDUCED TEE  
RACCORD EN TEE REDUIT ► TEE REDUCIDO



SIZE	PACKING
3/4"x1/2"x1/2"	120
3/4"x3/4"x1/2"	120
1"x1/2"x1/2"	60
1"x1/2"x3/4"	60
1"x3/4"x1/2"	60
1"x3/4"x3/4"	60
1"x1"x1/2"	60
1"x1"x3/4"	60
1.1/4"x1/2"x1"	30
1.1/4"x3/4"x3/4"	40
1.1/4"x1/4"x1"	30
1.1/4"x1"x1"	30
1.1/4"x1.1/4"x1/2"	40
1.1/4"x1.1/4"x3/4"	40
1.1/4"x1.1/4"x1"	30
1.1/4"x1.1/4"x1"	30
1.1/2"x1/2"x1.1/4"	25
1.1/2"x1"x1"	30
1.1/2"x1"x1.1/4"	25
1.1/2"x1.1/2"x3/4"	30
1.1/2"x1.1/2"x1"	30
1.1/2"x1.1/2"x1.1/4"	25
2"x1/2"x1.1/2"	15
2"x3/4"x1.1/2"	15
2"x1"x1.1/2"	15
2"x1.1/4"x1.1/2"	15
2"x1.1/2"x1.1/2"	15
2"x2"x1/2"	20
2"x2"x3/4"	20
2"x2"x1"	20
2"x2"x1.1/2"	15

**BF240**

MANICOTTO RIDOTTO F/F ▶ REDUCED SOCKET F/F  
 MANCHON D'ACCOUPLMENT F/F REDUIT ▶ MANGUITO REDUCIDO H/H



SIZE	PACKING
3/8"x1/4"	500
1/2"x1/4"	320
1/2"x3/8"	320
3/4"x1/4"	240
3/4"x3/8"	240
3/4"x1/2"	240
1"x1/2"	160
1"x3/4"	160
1.1/4"x1/2"	90
1.1/4"x3/4"	90
1.1/4"x1"	90
1.1/2"x3/4"	70
1.1/2"x1"	60
1.1/2"x1.1/4"	50
2"x3/4"	50
2"x1"	50
2"x1.1/4"	40
2"x1.1/2"	40
2.1/2"x1.1/2"	22
2.1/2"x2"	22
3"x2"	18
3x2.1/2"	18
4"x2"	6
4"x2.1/2"	6
4"x3"	6

**BF245**

VITE DOPPIA RIDOTTA ▶ REDUCED NIPPLE  
 MAMELON REDUIT ▶ NIPLO DOBLE DE REDUCCIÓN



SIZE	PACKING
3/8"x1/4"	500
1/2"x1/4"	350
1/2"x3/8"	350
3/4"x3/8"	250
3/4"x1/2"	250
1"x1/2"	130
1"x3/4"	130
1.1/4"x1/2"	70
1.1/4"x3/4"	70
1.1/4"x1"	70
1.1/2"x3/4"	60
1.1/2"x1"	60
1.1/2"x1.1/4"	60
2"x1"	30
2"x1.1/4"	30
2"x1.1/2"	30
2.1/2"x1.1/2"	24
2.1/2"x2"	24
3"x2"	18
3x2.1/2"	18
4"x2"	12
4"x2.1/2"	12
4"x3"	12

**BF241**

RIDUZIONE M/F ▶ REDUCTION M/F  
 REDUCTION M/F ▶ REDUCCIÓN M/H



SIZE	PACKING
3/8"x1/4"	800
1/2"x1/4"	800
1/2"x3/8"	800
3/4"x1/4"	480
3/4"x3/8"	480
3/4"x1/2"	480
1"x3/8"	260
1"x1/2"	260
1"x3/4"	260
1.1/4"x1/2"	160
1.1/4"x3/4"	160
1.1/4"x1"	160
1.1/2"x1/2"	120
1.1/2"x3/4"	120
1.1/2"x1"	120
1.1/2"x1.1/4"	120
2"x1/2"	60
2"x3/4"	60
2"x1"	60
2"x1.1/4"	60
2"x1.1/2"	60
2.1/2"x1"	40
2.1/2"x1.1/4"	40
2.1/2"x1.1/2"	40
2.1/2"x2"	40
3"x1"	30
3"x1.1/4"	30
3"x1.1/2"	30
3"x2"	30
3x2.1/2"	30
4"x2"	18
4"x2.1/2"	18
4"x3"	18
5"x4"	10
6"x4"	6

**BF246**

MANICOTTO RIDOTTO M/F ▶ REDUCED SOCKET M/F  
 MANCHON D'ACCOUPLMENT M/F REDUIT ▶ CUPLA REDUCIDA M/H



SIZE	PACKING
3/8"x1/4"	400
1/2"x3/8"	380
3/4"x3/8"	220
3/4"x1/2"	220
1"x1/2"	120
1"x3/4"	120
1.1/4"x3/4"	80
1.1/4"x1"	80
1.1/2"x1"	60
1.1/2"x1.1/4"	60
2"x1"	30
2"x1.1/4"	30
2"x1.1/2"	30

# Black Fittings

## BF270

MANICOTTO F/F ► SOCKET F/F  
 MANCHON D'ACCOUPLMENT F/F ► CUPLA H/H



SIZE	PACKING
1/4"	600
3/8"	500
1/2"	340
3/4"	220
1"	120
1.1/4"	60
1.1/2"	50
2"	24
2.1/2"	22
3"	18
4"	6
5"	3
6"	2

## BF281

VITE DOPPIA DX-SX ► NIPPLES EQUAL R&L  
 MAMELON AVEC FILETAGE À DROITE ET GAUCHE ► NIPLE DOBLE FILETADO D/I



SIZE	PACKING
1/2"	10
3/4"	10
1"	10
1.1/4"	10
1.1/2"	10
2"	10

## BF271

MANICOTTO F/F DX-SX ► SOCKET BEADED WITH RIBS R&L  
 MANCHON F/F AVEC FILETAGE À DROITE ET GAUCHE ► CUPLA H/H FILETADA D - I



SIZE	PACKING
1/2"	10
3/4"	10
1"	10
1.1/4"	10
1.1/2"	10
2"	10

## BF290

TAPPO MASCHIO ► MALE PLUG  
 BOUCHON MALE ► TAPÓN MACHO



SIZE	PACKING
1/4"	800
3/8"	800
1/2"	800
3/4"	400
1"	250
1.1/4"	160
1.1/2"	130
2"	60
2.1/2"	50
3"	26
4"	18

## BF280

VITE DOPPIA ► NIPPLES  
 MAMELON ► NIPLE DOBLE



SIZE	PACKING
1/4"	600
3/8"	500
1/2"	350
3/4"	250
1"	130
1.1/4"	70
1.1/2"	60
2"	30
2.1/2"	24
3"	18
4"	6
5"	4
6"	2

## BF300

CALOTTA ESAGONALE ► HEXAGONAL CAP  
 BOUCHON F HEXAGONAL ► CASQUETE



SIZE	PACKING
1/4"	1000
3/8"	800
1/2"	800
3/4"	400
1"	250
1.1/4"	100
1.1/2"	90
2"	70
2.1/2"	40
3"	25
4"	18

**BF310**

CONTRODADO ► BACKNUTS  
 CONTRE-ÉCROU ► CONTRA-TUERCA



SIZE	PACKING
3/8"	800
1/2"	800
3/4"	500
1"	300
1.1/4"	200
1.1/2"	150
2"	100
2.1/2"	40
3"	30
4"	20

**BF330**

BOCCHETTONE F/F SEDE PIANA ► F/F UNION FLAT SEAT  
 MANCHON UNION F/F À JOINT PLAT ► UNION H/H ASIENTO PLANO



SIZE	PACKING
1/2"	120
3/4"	80
1"	60
1.1/4"	40
1.1/2"	30
2"	20
2.1/2"	10
3"	6

**BF331**

BOCCHETTONE M/F SEDE PIANA ► M/F UNION FLAT SEAT  
 MANCHON UNION M/F À JOINT PLAT ► UNION M/H ASIENTO PLANO



SIZE	PACKING
1/2"	100
3/4"	60
1"	40
1.1/4"	30
1.1/2"	20
2"	15
2.1/2"	10
3"	3

**BF332**

GUARNIZIONE ESENTE AMIANTO PER ART. 330-331 ► GASKET FREE OF ABSE-  
 STOS FOR ART. 330-331 ► JOINT SANS AMIANTE POUR ART. 330-331 ► JUNTA  
 LIBRE DE AMIANTO POR ART. 330-331



SIZE	PACKING
1/2"	100
3/4"	100
1"	100
1.1/4"	100
1.1/2"	100
2"	100
2.1/2"	50
3"	50

**BF340**

BOCCHETTONE F/F SEDE CONICA ► UNION F/F CONICAL JOINT  
 MANCHON UNION F/F À JOINT CONIQUE ► UNION H/H ASIENTO CONICO



SIZE	PACKING
1/4"	200
3/8"	150
1/2"	120
3/4"	80
1"	60
1.1/4"	40
1.1/2"	30
2"	20
2.1/2"	10
3"	6
4"	3

**BF341**

BOCCHETTONE M/F SEDE CONICA ► UNION M/F CONICAL JOINT  
 MANCHON UNION M/F À JOINT CONIQUE ► UNION H/H ASIENTO CONICO



SIZE	PACKING
1/4"	190
3/8"	140
1/2"	100
3/4"	60
1"	40
1.1/4"	30
1.1/2"	20
2"	15
2.1/2"	10
3"	3
4"	2

**BF529**

MANICOTTO M/F ► SOCKET M/F  
 MANCHON D'ACCOUPEMENT M/F ► CUPLA M/H



SIZE	PACKING
3/8"	400
1/2"	360
3/4"	220
1"	120
1.1/4"	80
1.1/2"	60
2"	30