

STANDARD FITTINGS MICROCAST

PLUS

**STRONG BODY SUITABLE FOR
INDUSTRIAL SYSTEMS**

**WIDE RANGE OF SIZES AND
ARTICLES FOR MANY APPLICATIONS**

GOOD RESISTANCE TO CORROSION





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p. 261 / **1480MF**



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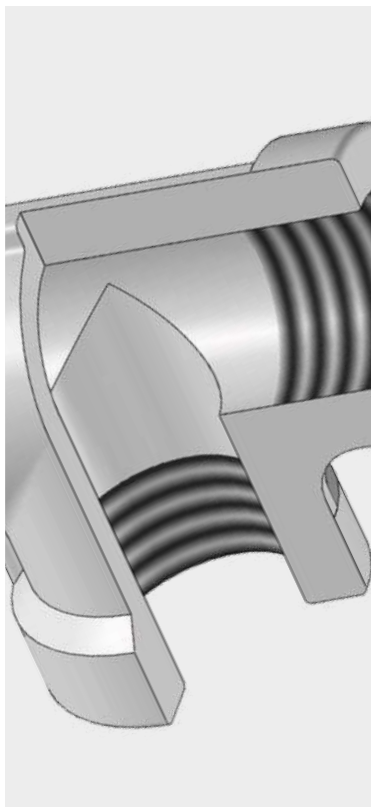


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-20°C ÷ +225°C



Working pressure

Up to 120°C:

From 1/8" to 2": 16 Bar

From 2-1/2" to 4": 10 Bar

Up to 225°C:

From 1/8" to 3/4": 16 Bar

From 1" to 2": 10 Bar

From 2-1/2" to 4": 6 Bar



- Taper gas BSPT EN10226-1

from R1/8" to R4"

- Parallel gas BSPP EN10226-1

from G1/8" to G4"



Body: Microcast in
stainless steel AISI 316

FEATURES

Pressure for intermediate temperatures may be determined by interpolation method. Indicated temperatures are referring to the fluid.

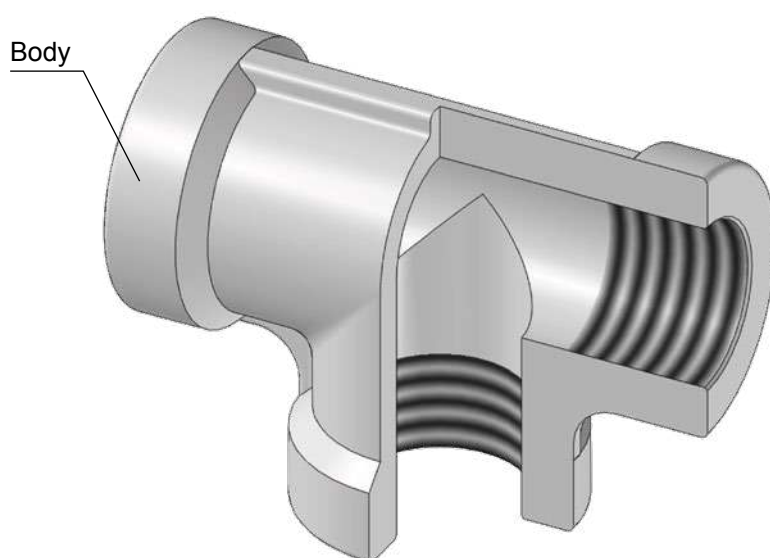


Products in compliance with
EC Regulation 1907/2006



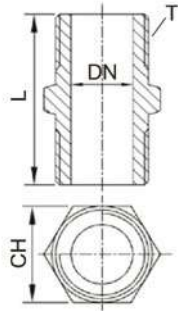
Products in compliance with
the directive EU 2015/863

CONSTRUCTION DETAILS



1410MF

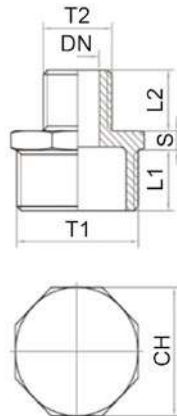
Nipple connector BSPT thread



CODE	T	DN	L	CH
1410MF18	R 1/8"	5,6	23,0	12
1410MF14	R 1/4"	9,0	25,0	14,5
1410MF38	R 3/8"	11,2	28,5	17,5
1410MF12	R 1/2"	14,7	37,0	22,6
1410MF34	R 3/4"	20,0	41,0	27,7
1410MF1	R 1"	26,6	45,5	36
1410MF114	R 1-1/4"	35,0	50,0	43,5
1410MF112	R 1-1/2"	40,0	53,3	50
1410MF2	R 2"	50,0	61,0	63
1410MF212	R 2-1/2"	64,3	72,0	77,5
1410MF3	R 3"	77,3	77,0	91,5
1410MF4	R 4"	101,0	83,0	116

1412MF

Reduced nipple connector BSPT thread

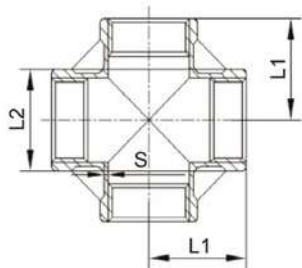


CODE	T1	T2	DN	L1	L2	S	CH
1412MF1418	R 1/4"	R 1/8"	5,6	12,1	9,3	5,7	15
1412MF3814	R 3/8"	R 1/4"	9	12,0	12,0	6,0	18,5
1412MF1218	R 1/2"	R 1/8"	5,6	14,5	8,8	5,5	22
1412MF1214	R 1/2"	R 1/4"	9	14,5	11,7	5,8	22
1412MF1238	R 1/2"	R 3/8"	11,2	14,6	12,3	5,5	22,5
1412MF3414	R 3/4"	R 1/4"	9	15,5	11,3	6,0	28
1412MF3412	R 3/4"	R 1/2"	14,7	17,0	14,5	6,3	28,4
1412MF112	R 1"	R 1/2"	14,7	19,0	15,0	6,3	34,5
1412MF134	R 1"	R 3/4"	20	18,3	16,6	7,0	35,2
1412MF11412	R 1-1/4"	R 1/2"	14,7	20,2	15,0	7,8	44,2
1412MF1141	R 1-1/4"	R 1"	26,6	20,5	18,3	7,8	44
1412MF1121	R 1-1/2"	R 1"	26,6	20,8	18,6	9,9	49,9
1412MF112114	R 1-1/2"	R 1-1/4"	35	20,8	20,3	9,9	50
1412MF21	R 2"	R 1"	26,6	26,0	18,6	9,4	62
1412MF2114	R 2"	R 1-1/4"	35	25,3	20,7	10,3	61,9
1412MF2112	R 2"	R 1-1/2"	40	26,0	21,5	10,3	62



1416MF

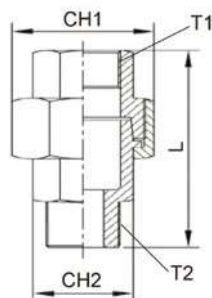
Female cross BSPP thread



CODE	T	L1	L2	S
1416MF14	G 1/4"	18,0	16,5	2,3
1416MF38	G 3/8"	21,0	20,0	2,2
1416MF12	G 1/2"	25,0	26,0	1,7
1416MF34	G 3/4"	30,0	32,0	1,8
1416MF1	G 1"	34,0	39,0	2,1
1416MF114	G 1-1/4"	40,0	47,0	2,1
1416MF112	G 1-1/2"	44,0	54,5	2,1
1416MF2	G 2"	53,5	67,0	2,1

1420MF-P3

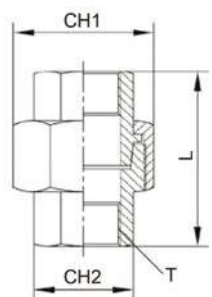
Nipple M/F 3 pieces, male BSPT thread and female BSPP thread



CODE	T1	T2	L	CH1	CH2
1420MF18P3	G 1/8"	R 1/8"	38,0	25	13
1420MF14P3	G 1/4"	R 1/4"	44,0	30,5	17
1420MF38P3	G 3/8"	R 3/8"	47,5	34	20,5
1420MF12P3	G 1/2"	R 1/2"	47,5	34,4	23,8
1420MF34P3	G 3/4"	R 3/4"	51,7	41,2	29,2
1420MF1P3	G 1"	R 1"	60,0	48,3	36,5
1420MF114P3	G 1-1/4"	R 1-1/4"	64,0	60,3	46
1420MF112P3	G 1-1/2"	R 1-1/2"	67,5	66,5	52
1420MF2P3	G 2"	R 2"	75,5	79	64
1420MF212P3	G 2-1/2"	R 2-1/2"	84,5	96,5	80
1420MF3P3	G 3"	R 3"	96,0	110	93,5
1420MF4P3	G 4"	R 4"	107,5	141	118,5

1425MF-P3

Nipple F/F 3 pieces BSPP thread

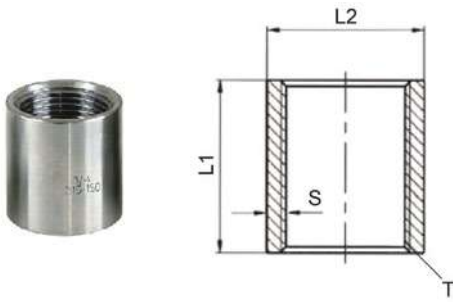


CODE	T	L	CH1	CH2
1425MF18P3	G 1/8"	30,0	25	13
1425MF14P3	G 1/4"	33,5	30,5	17
1425MF38P3	G 3/8"	36,5	34	20,5
1425MF12P3	G 1/2"	34,7	34,4	23,8
1425MF34P3	G 3/4"	37,5	41,2	29,2
1425MF1P3	G 1"	43,0	48,3	36,5
1425MF114P3	G 1-1/4"	45,5	60,3	46
1425MF112P3	G 1-1/2"	49,0	66,5	52
1425MF2P3	G 2"	57,0	79	64
1425MF212P3	G 2-1/2"	66,0	96,5	80
1425MF3P3	G 3"	74,0	110	93,5
1425MF4P3	G 4"	82,5	141	118,5



1425MF

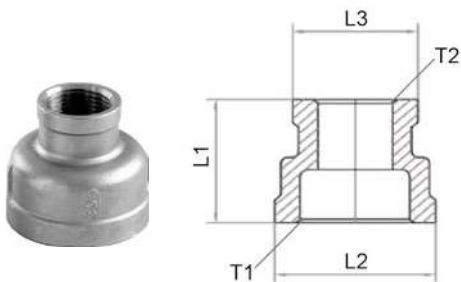
Sleeve F/F BSPP thread



CODE	T	L1	L2	S
1425MF18	G 1/8"	18,0	14,0	2,8
1425MF14	G 1/4"	24,0	18,0	3,3
1425MF38	G 3/8"	29,0	20,5	2,9
1425MF12	G 1/2"	32,0	24,5	3,2
1425MF34	G 3/4"	34,0	30,0	3,1
1425MF1	G 1"	41,0	37,0	3,5
1425MF114	G 1-1/4"	47,0	46,5	3,9
1425MF112	G 1-1/2"	47,0	51,5	3,5
1425MF2	G 2"	61,0	67,0	5,3
1425MF212	G 2-1/2"	70,0	84,5	6,7
1425MF3	G 3"	75,0	96,0	6,2
1425MF4	G 4"	86,0	125,0	8,2

1426MF

Reduced sleeve F/F BSPP thread

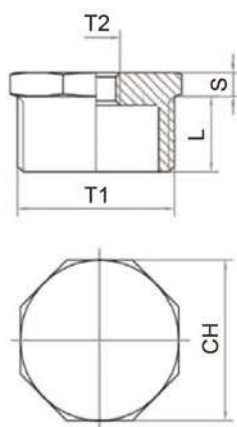


CODE	T1	T2	L1	L2	L3
1426MF3814	G 3/8"	G 1/4"	28,1	22,0	17,5
1426MF1238	G 1/2"	G 3/8"	31,7	26,1	21,0
1426MF3412	G 3/4"	G 1/2"	36,6	32,1	27,0
1426MF134	G 1"	G 3/4"	40,0	39,5	32,0
1426MF1141	G 1-1/4"	G 1"	43,2	48,9	39,0
1426MF112114	G 1-1/2"	G 1-1/4"	46,0	55,3	48,5
1426MF2112	G 2"	G 1-1/2"	51,5	69,0	55,5



1440MF

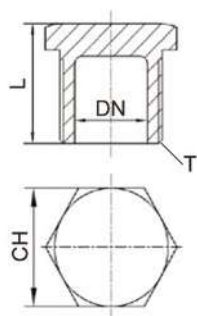
M/F reducer, male BSPT thread & female BSPP thread



CODE	T1	T2	L	S	CH
1440MF1418	R 1/4"	G 1/8"	11,0	4,0	15
1440MF3818	R 3/8"	G 1/8"	11,5	3,5	17,5
1440MF3814	R 3/8"	G 1/4"	12,7	5,0	18,5
1440MF1218	R 1/2"	G 1/8"	15,2	4,8	22,5
1440MF1214	R 1/2"	G 1/4"	15,4	4,8	22,5
1440MF1238	R 1/2"	G 3/8"	15,1	4,8	22,5
1440MF3414	R 3/4"	G 1/4"	16,6	5,7	28
1440MF3438	R 3/4"	G 3/8"	16,7	5,8	28,3
1440MF3412	R 3/4"	G 1/2"	16,9	5,6	28,5
1440MF112	R 1"	G 1/2"	18,9	7,0	34,8
1440MF134	R 1"	G 3/4"	18,8	7,2	35
1440MF11412	R 1-1/4"	G 1/2"	20,5	8,5	44
1440MF11434	R 1-1/4"	G 3/4"	20,3	8,5	43,4
1440MF1141	R 1-1/4"	G 1"	20,6	8,4	43,9
1440MF11234	R 1-1/2"	G 3/4"	21,5	8,5	49
1440MF1121	R 1-1/2"	G 1"	21,6	8,4	49
1440MF112114	R 1-1/2"	G 1-1/4"	21,8	8,2	49
1440MF21	R 2"	G 1"	25,6	8,4	61,8
1440MF2114	R 2"	G 1-1/4"	25,5	8,5	62,5
1440MF2112	R 2"	G 1-1/2"	25,4	8,8	62,3
1440MF212112	R 2-1/2"	G 1-1/2"	28,1	10,7	78,3
1440MF2122	R 2-1/2"	G 2"	28,2	10,8	78
1440MF32	R 3"	G 2"	28,5	12,0	89,8
1440MF3212	R 3"	G 2-1/2"	30,2	11,8	92,5
1440MF43	R 4"	G 3"	34,8	13,0	115,8

1450MF

Male plug BSPT thread

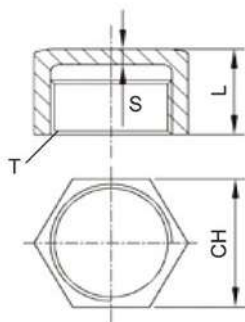


CODE	T	DN	L	CH
1450MF18	R 1/8"	0	14,0	12
1450MF14	R 1/4"	0	17,0	15
1450MF38	R 3/8"	0	17,8	18
1450MF12	R 1/2"	15,0	20,9	22
1450MF34	R 3/4"	21,0	25,0	28
1450MF1	R 1"	26,0	26,7	36
1450MF114	R 1-1/4"	35,0	30,5	43,6
1450MF112	R 1-1/2"	40,3	30,6	50
1450MF2	R 2"	51,6	34,3	62
1450MF212	R 2-1/2"	67,0	39,0	78
1450MF3	R 3"	78,5	42,0	92
1450MF4	R 4"	103,0	47,0	116



1455MF

Female plug BSPP thread

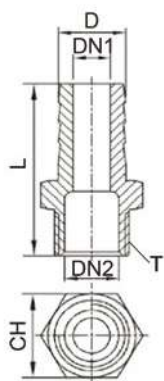


CODE	T	L	S	CH
1455MF18	G 1/8"	12,5	2,4	12,5
1455MF14	G 1/4"	16,0	2,6	16
1455MF38	G 3/8"	16,5	3,5	18,8
1455MF12	G 1/2"	19,0	3,7	25
* 1455MF34	G 3/4"	24,0	2,5	31
* 1455MF1	G 1"	26,0	3,2	37,5
* 1455MF114	G 1-1/4"	29,0	3,3	47
* 1455MF112	G 1-1/2"	25,0	3,5	53
* 1455MF2	G 2"	29,5	3,5	64,5
* 1455MF212	G 2-1/2"	32,0	3,5	80,5
* 1455MF3	G 3"	38,5	3,5	93
* 1455MF4	G 4"	41,0	3,8	121

* Octagonal wrench

1469MF

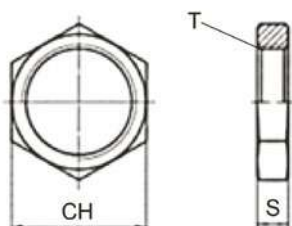
Barb connector BSPT thread



CODE	T	D	DN1	DN2	L	CH
1469MF18T7	R 1/8"	7,0	4,2	4,3	41,0	11,2
1469MF14T9	R 1/4"	9,0	5,0	8,0	48,0	15
1469MF38T11	R 3/8"	11,0	7,0	11,3	48,0	18,3
1469MF12T15	R 1/2"	15,0	10,0	15,4	52,6	22
1469MF34T20	R 3/4"	20,0	15,1	20,0	61,0	28
1469MF1T27	R 1"	26,0	20,4	26,2	66,0	36
1469MF114T34	R 1-1/4"	34,0	27,8	35,4	66,0	43,5
1469MF112T40	R 1-1/2"	40,5	33,8	40,2	68,5	50
1469MF2T52	R 2"	52,5	45,7	51,5	82,0	62
1469MF212T65	R 2-1/2"	63,5	55,0	64,2	96,5	77,5
1469MF3T77	R 3"	76,1	66,8	77,3	105,0	91,5
1469MF4T105	R 4"	100,0	90,6	102,2	115,0	115,5

1475MF

Bulkhead locking nut

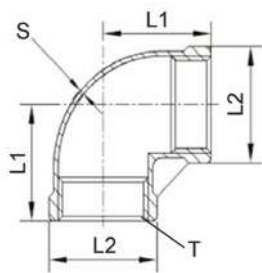


CODE	T	S	CH
1475MF18	G 1/8"	7,0	15
1475MF14	G 1/4"	6,0	19,2
1475MF38	G 3/8"	6,5	24
1475MF12	G 1/2"	8,0	26,5
1475MF34	G 3/4"	10,0	32
1475MF1	G 1"	10,0	38,5
1475MF114	G 1-1/4"	11,2	48
1475MF112	G 1-1/2"	12,0	55
1475MF2	G 2"	13,3	68



1480MF

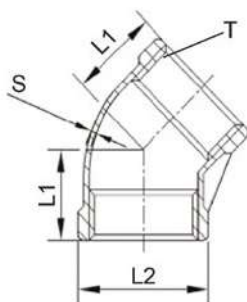
Female elbow 90° BSPP thread



CODE	T	L1	L2	S
1480MF18	G 1/8"	16,0	14,0	1,6
1480MF14	G 1/4"	18,0	16,5	1,7
1480MF38	G 3/8"	21,0	20,0	1,5
1480MF12	G 1/2"	25,0	26,0	1,6
1480MF34	G 3/4"	30,0	32,0	1,7
1480MF1	G 1"	34,0	39,2	2,1
1480MF114	G 1-1/4"	40,0	47,2	2,2
1480MF112	G 1-1/2"	43,5	54,5	2,4
1480MF2	G 2"	53,5	67,0	2,7
1480MF212	G 2-1/2"	63,5	85,0	3,3
1480MF3	G 3"	74,0	97,5	2,8
1480MF4	G 4"	89,0	124,5	3,8

1482MF

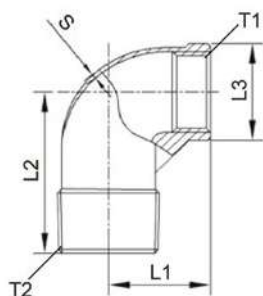
Female elbow 45° BSPP thread



CODE	T	L1	L2	S
1482MF14	G 1/4"	16,0	17,5	2,0
1482MF38	G 3/8"	18,0	21,0	2,2
1482MF12	G 1/2"	20,0	26,0	1,8
1482MF34	G 3/4"	25,0	32,0	1,9
1482MF1	G 1"	27,0	39,0	2,0
1482MF114	G 1-1/4"	32,0	49,0	2,3
1482MF112	G 1-1/2"	33,0	55,2	2,3
1482MF2	G 2"	40,0	68,0	2,5

1485MF

Elbow 90°, male BSPT thread & female BSPP thread

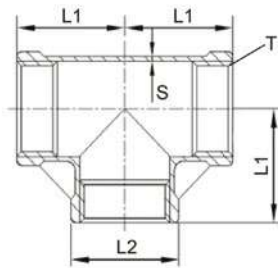


CODE	T1	T2	L1	L2	L3	S
1485MF18	G 1/8"	R 1/8"	18,0	26,0	16,0	2,8
1485MF14	G 1/4"	R 1/4"	20,0	30,0	17,0	2,0
1485MF38	G 3/8"	R 3/8"	21,0	31,0	20,0	2,2
1485MF12	G 1/2"	R 1/2"	22,0	31,0	26,0	2,2
1485MF34	G 3/4"	R 3/4"	27,0	37,0	32,0	2,1
1485MF1	G 1"	R 1"	33,0	46,0	39,0	2,2
1485MF114	G 1-1/4"	R 1-1/4"	38,0	52,0	47,0	2,5
1485MF112	G 1-1/2"	R 1-1/2"	42,0	58,0	54,5	2,6
1485MF2	G 2"	R 2"	51,0	67,0	67,5	2,6
1485MF212	G 2-1/2"	R 2-1/2"	64,0	81,0	84,0	3,3
1485MF3	G 3"	R 3"	74,0	92,0	96,8	3,0
1485MF4	G 4"	R 4"	89,0	108,0	124,0	4,0



1490MF

Female tee BSPP thread



CODE	T	L1	L2	S
1490MF18	G 1/8"	16,0	14,0	1,9
1490MF14	G 1/4"	19,0	17,0	1,5
1490MF38	G 3/8"	21,0	20,0	2,3
1490MF12	G 1/2"	25,0	26,0	1,8
1490MF34	G 3/4"	30,0	32,0	1,9
1490MF1	G 1"	34,0	39,2	2,1
1490MF114	G 1-1/4"	40,0	42,0	2,3
1490MF112	G 1-1/2"	44,0	54,0	2,4
1490MF2	G 2"	53,5	67,5	2,5
1490MF212	G 2-1/2"	64,0	84,0	3,3
1490MF3	G 3"	73,0	97,0	3,3
1490MF4	G 4"	93,5	125,6	4,6

