STANDARD FITTINGS MICROCAST

PLUS

STRONG BODY SUITABLE FOR INDUSTRIAL SYSTEMS

WIDE RANGE OF SIZES AND ARTICLES FOR MANY APPLICATIONS

GOOD RESISTANCE TO CORROSION



p. 256 / **1410MF**



p. 256 / **1412MF**



p. 257 / **1416MF**



p. 257 / **1420MF-P3**



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p. 259 / **1450MF**



p. 260 / **1455MF**



p. 260 / **1469MF**



p. 260 / **1475MF**



p. 261 / **1480MF**



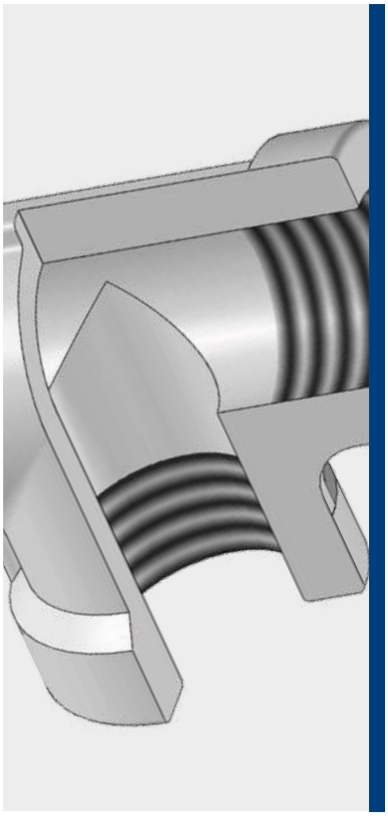
p. 261 / **1482MF**



p. 261 / **1485MF**



p. 262 / **1490MF**



-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

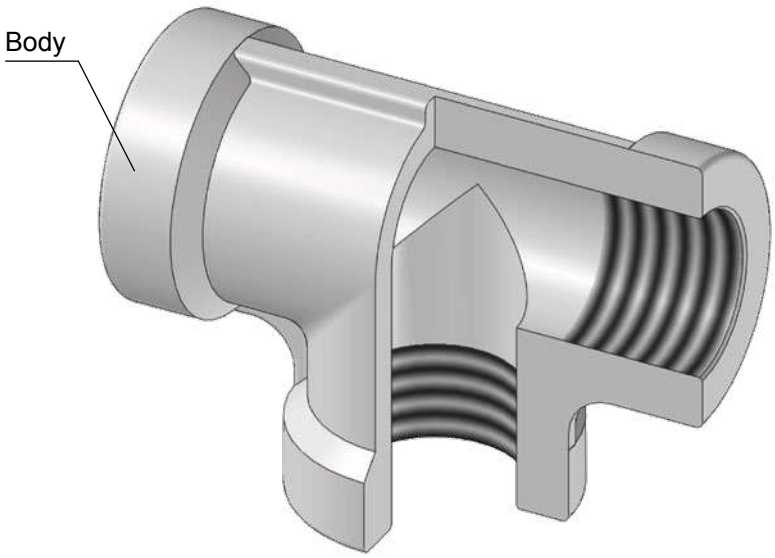
FEATURES

Pressure for intermediate temperatures may be determinated by interpolation method. Indicated temperatures are reffering to the fluid.

Products in compliance with EC Regulation 1907/2006

Products in compliance with the directive EU 2015/863

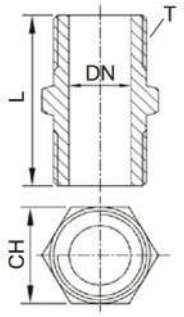
CONSTRUCTION DETAILS



1410MF

Nipple connector BSPT thread



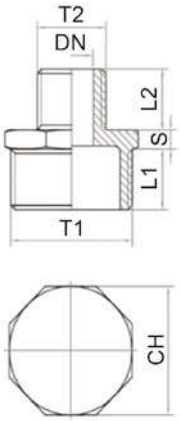


CODE	T	DN	L	CH
1410MF18	R 1/8"	5,6	23,0	12
1410MF14	R 1/4"	9,0	25,0	14,5
1410MF38	R 3/8"	11,2	28,5	17,5
1410MF12	R 1/2"	14,7	37,0	22,6
1410MF34	R 3/4"	20,0	41,0	27,7
1410MF1	R 1"	26,6	45,5	36
1410MF114	R 1-1/4"	35,0	50,0	43,5
1410MF112	R 1-1/2"	40,0	53,3	50
1410MF2	R 2"	50,0	61,0	63
1410MF212	R 2-1/2"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





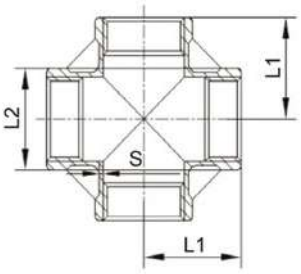
CODE	T1	T2	DN	L1	L2	S	CH
1412MF1418	R 1/4"	R 1/8"	5,6	12,1	9,3	5,7	15
1412MF3814	R 3/8"	R 1/4"	9	12,0	12,0	6,0	18,5
1412MF1218	R 1/2"	R 1/8"	5,6	14,5	8,8	5,5	22
1412MF1214	R 1/2"	R 1/4"	9	14,5	11,7	5,8	22
1412MF1238	R 1/2"	R 3/8"	11,2	14,6	12,3	5,5	22,5
1412MF3414	R 3/4"	R 1/4"	9	15,5	11,3	6,0	28
1412MF3412	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

drawings and technical data are not binding & can be changed without notice

1416MF

Female cross BSPP thread



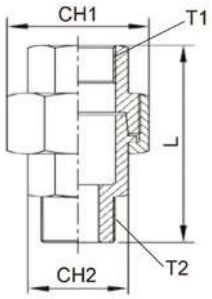


CODE	T	L1	L2	S
1416MF14	G 1/4"	18,0	16,5	2,3
1416MF38	G 3/8"	21,0	20,0	2,2
1416MF12	G 1/2"	25,0	26,0	1,7
1416MF34	G 3/4"	30,0	32,0	1,8
1416MF1	G 1"	34,0	39,0	2,1
1416MF114	G 1-1/4"	40,0	47,0	2,1
1416MF112	G 1-1/2"	44,0	54,5	2,1
1416MF2	G 2"	53,5	67,0	2,1

1420MF-P3

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



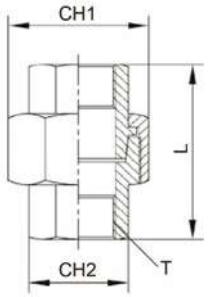


CODE	T1	T2	L	CH1	CH2
1420MF18P3	G 1/8"	R 1/8"	38,0	25	13
1420MF14P3	G 1/4"	R 1/4"	44,0	30,5	17
1420MF38P3	G 3/8"	R 3/8"	47,5	34	20,5
1420MF12P3	G 1/2"	R 1/2"	47,5	34,4	23,8
1420MF34P3	G 3/4"	R 3/4"	51,7	41,2	29,2
1420MF1P3	G 1"	R 1"	60,0	48,3	36,5
1420MF114P3	G 1-1/4"	R 1-1/4"	64,0	60,3	46
1420MF112P3	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





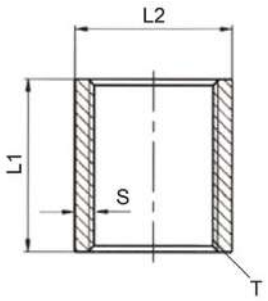
CODE	T	L	CH1	CH2
1425MF18P3	G 1/8"	30,0	25	13
1425MF14P3	G 1/4"	33,5	30,5	17
1425MF38P3	G 3/8"	36,5	34	20,5
1425MF12P3	G 1/2"	34,7	34,4	23,8
1425MF34P3	G 3/4"	37,5	41,2	29,2
1425MF1P3	G 1"	43,0	48,3	36,5
1425MF114P3	G 1-1/4"	45,5	60,3	46
1425MF112P3	G 1-1/2"	49,0	66,5	52
1425MF2P3	G 2"	57,0	79	64
1425MF212P3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

drawings and technical data are not binding & can be changed without notice

1425MF

Sleeve F/F BSPP thread



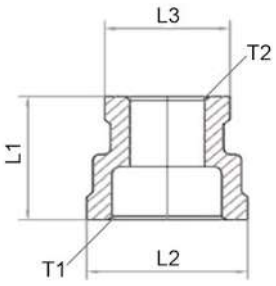


CODE	T	L1	L2	S
1425MF18	G 1/8"	18,0	14,0	2,8
1425MF14	G 1/4"	24,0	18,0	3,3
1425MF38	G 3/8"	29,0	20,5	2,9
1425MF12	G 1/2"	32,0	24,5	3,2
1425MF34	G 3/4"	34,0	30,0	3,1
1425MF1	G 1"	41,0	37,0	3,5
1425MF114	G 1-1/4"	47,0	46,5	3,9
1425MF112	G 1-1/2"	47,0	51,5	3,5
1425MF2	G 2"	61,0	67,0	5,3
1425MF212	G 2-1/2"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

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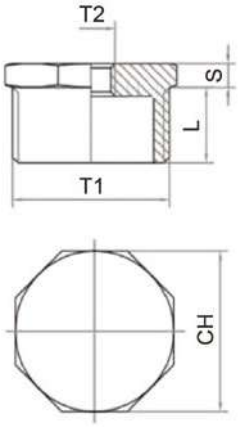
1440MF

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



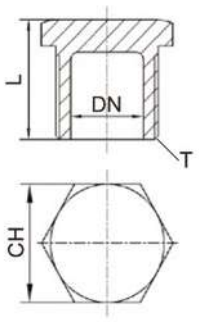


CODE	T1	T2	L	S	CH
1440MF1418	R 1/4"	G 1/8"	11,0	4,0	15
1440MF3818	R 3/8"	G 1/8"	11,5	3,5	17,5
1440MF3814	R 3/8"	G 1/4"	12,7	5,0	18,5
1440MF1218	R 1/2"	G 1/8"	15,2	4,8	22,5
1440MF1214	R 1/2"	G 1/4"	15,4	4,8	22,5
1440MF1238	R 1/2"	G 3/8"	15,1	4,8	22,5
1440MF3414	R 3/4"	G 1/4"	16,6	5,7	28
1440MF3438	R 3/4"	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



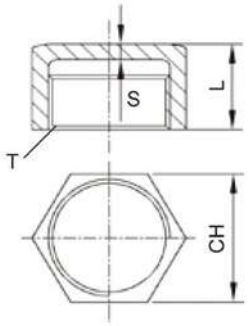


CODE	T	DN	L	CH
1450MF18	R 1/8"	0	14,0	12
1450MF14	R 1/4"	0	17,0	15
1450MF38	R 3/8"	0	17,8	18
1450MF12	R 1/2"	15,0	20,9	22
1450MF34	R 3/4"	21,0	25,0	28
1450MF1	R 1"	26,0	26,7	36
1450MF114	R 1-1/4"	35,0	30,5	43,6
1450MF112	R 1-1/2"	40,3	30,6	50
1450MF2	R 2"	51,6	34,3	62
1450MF212	R 2-1/2"	67,0	39,0	78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

1455MF

Female plug BSPP thread





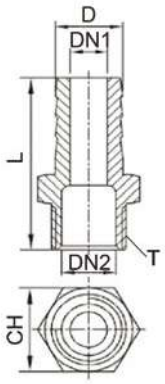
	CODE	T	L	S	CH
	1455MF18	G 1/8"	12,5	2,4	12,5
	1455MF14	G 1/4"	16,0	2,6	16
	1455MF38	G 3/8"	16,5	3,5	18,8
	1455MF12	G 1/2"	19,0	3,7	25
*	1455MF34	G 3/4"	24,0	2,5	31
*	1455MF1	G 1"	26,0	3,2	37,5
*	1455MF114	G 1-1/4"	29,0	3,3	47
*	1455MF112	G 1-1/2"	25,0	3,5	53
*	1455MF2	G 2"	29,5	3,5	64,5
*	1455MF212	G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



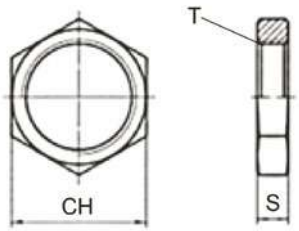


CODE	T	D	DN1	DN2	L	CH
1469MF18T7	R 1/8"	7,0	4,2	4,3	41,0	11,2
1469MF14T9	R 1/4"	9,0	5,0	8,0	48,0	15
1469MF38T11	R 3/8"	11,0	7,0	11,3	48,0	18,3
1469MF12T15	R 1/2"	15,0	10,0	15,4	52,6	22
1469MF34T20	R 3/4"	20,0	15,1	20,0	61,0	28
1469MF1T27	R 1"	26,0	20,4	26,2	66,0	36
1469MF114T34	R 1-1/4"	34,0	27,8	35,4	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

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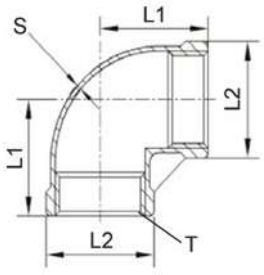
1480MF

Female elbow 90° BSPP thread



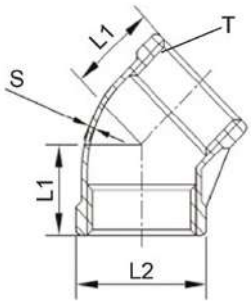


CODE	T	L1	L2	S
1480MF18	G 1/8"	16,0	14,0	1,6
1480MF14	G 1/4"	18,0	16,5	1,7
1480MF38	G 3/8"	21,0	20,0	1,5
1480MF12	G 1/2"	25,0	26,0	1,6
1480MF34	G 3/4"	30,0	32,0	1,7
1480MF1	G 1"	34,0	39,2	2,1
1480MF114	G 1-1/4"	40,0	47,2	2,2
1480MF112	G 1-1/2"	43,5	54,5	2,4
1480MF2	G 2"	53,5	67,0	2,7
1480MF212	G 2-1/2"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



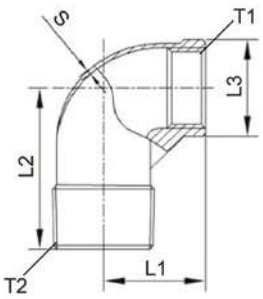


CODE	T	L1	L2	S
1482MF14	G 1/4"	16,0	17,5	2,0
1482MF38	G 3/8"	18,0	21,0	2,2
1482MF12	G 1/2"	20,0	26,0	1,8
1482MF34	G 3/4"	25,0	32,0	1,9
1482MF1	G 1"	27,0	39,0	2,0
1482MF114	G 1-1/4"	32,0	49,0	2,3
1482MF112	G 1-1/2"	33,0	55,2	2,3
1482MF2	G 2"	40,0	68,0	2,5

1485MF

Elbow 90°, male BSPT thread & female BSPP thread





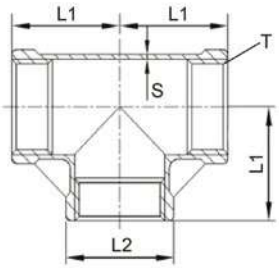
CODE	T1	T2	L1	L2	L3	S
1485MF18	G 1/8"	R 1/8"	18,0	26,0	16,0	2,8
1485MF14	G 1/4"	R 1/4"	20,0	30,0	17,0	2,0
1485MF38	G 3/8"	R 3/8"	21,0	31,0	20,0	2,2
1485MF12	G 1/2"	R 1/2"	22,0	31,0	26,0	2,2
1485MF34	G 3/4"	R 3/4"	27,0	37,0	32,0	2,1
1485MF1	G 1"	R 1"	33,0	46,0	39,0	2,2
1485MF114	G 1-1/4"	R 1-1/4"	38,0	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

drawings and technical data are not binding & can be changed without notice

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

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