

# Malleable Iron Fittings



**Threads:** Threads are in accordance to IS07-1. All male threads are BSPT and female threads are BSPP.

**Materials:** Whiteheart malleable EN-GJMW-400-5 cast iron, grade W40-05 according to ISO5922/DIN-1692, and tested in accordance to EN 10242

**Media:** Suitable for the flow of water, steam, gas or other non aggressive media.

**Surface Finishing:**

**Two types are available:**

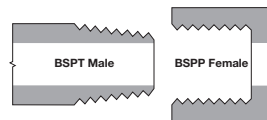
**Black:** With an anti-corrosive varnish to protect against rust and after installation prior to plant conditioning.

**Galvanised:** According to EN 10242, zinc coating weight relative to surface exceeds 500 g/m<sup>2</sup> (average layer thickness 70 micron).

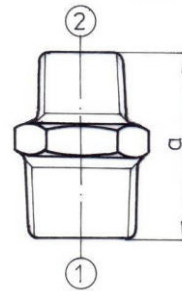


**Maximum Working Pressure:**

25 bar @ -20°C to +120°C  
20 bar @ +300°C



## Male Reducing Hexagon Nipple (245)

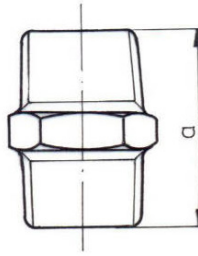


Black, BSPT		
Part Number	Thread	Thread
EE-MI245-38-14N	3/8"	1/4"
EE-MI245-12-14N	1/2"	1/4"
EE-MI245-12-38N	1/2"	3/8"
EE-MI245-34-38N	3/4"	3/8"
EE-MI245-34-12N	3/4"	1/2"
EE-MI245-1-12N	1"	1/2"
EE-MI245-1-34N	1"	3/4"
EE-MI245-114-12N	1.1/4"	1/2"
EE-MI245-114-34N	1.1/4"	3/4"
EE-MI245-114-1N	1.1/4"	1"
EE-MI245-112-12N	1.1/2"	1/2"
EE-MI245-112-34N	1.1/2"	3/4"
EE-MI245-112-1N	1.1/2"	1"
EE-MI245-112114N	1.1/2"	1.1/4"
EE-MI245-2-1N	2"	1"
EE-MI245-2-114N	2"	1.1/4"
EE-MI245-2-112N	2"	1.1/2"
EE-MI245-212114N	2.1/2"	1.1/4"
EE-MI245-212112N	2.1/2"	1.1/2"
EE-MI245-212-2N	2.1/2"	2"
EE-MI245-3-2N	3"	2"
EE-MI245-3-212N	3"	2.1/2"

Galvanised, BSPT		
Part Number	Thread	Thread
EE-MI245-14-18	1/4"	1/8"
EE-MI245-38-14	3/8"	1/4"
EE-MI245-12-14	1/2"	1/4"
EE-MI245-12-38	1/2"	3/8"
EE-MI245-34-38	3/4"	3/8"
EE-MI245-34-12	3/4"	1/2"
EE-MI245-1-12	1"	1/2"
EE-MI245-1-34	1"	3/4"
EE-MI245-114-12	1.1/4"	1/2"
EE-MI245-114-34	1.1/4"	3/4"
EE-MI245-114-1	1.1/4"	1"
EE-MI245-112-34	1.1/2"	3/4"
EE-MI245-112-1	1.1/2"	1"
EE-MI245-112-114	1.1/2"	1.1/4"
EE-MI245-2-1	2"	1"
EE-MI245-2-114	2"	1.1/4"
EE-MI245-2-112	2"	1.1/2"
EE-MI245-212-112	2.1/2"	1.1/2"
EE-MI245-212-2	2.1/2"	2"
EE-MI245-3-2	3"	2"
EE-MI245-3-212	3"	2.1/2"

Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8x1/4	8,8	9,5	250	38
1/2x1/4	10,2	10,6	200	44
1/2x3/8	9	9,5	150	44
3/4x3/8	12,5	13,1	150	47
3/4x1/2	13,1	13,5	150	47
1x3/8	22,5	23	180	53
1x1/2	21,2	21,6	150	53
1x3/4	24,1	25	180	53
11/4x1/2	20,9	21,8	100	57
11/4x3/4	20,4	21,5	100	57
11/4x1	22,2	22,9	100	57
11/2x1/2	18,7	19,4	80	59
11/2x3/4	20,1	20,9	80	59
11/2x1	22,5	23,2	80	59
11/2x11/4	17,3	18,1	60	59
2x1/2	19,3	20,5	50	68
2x3/4	19,9	20,8	50	68
2x1	21,3	21,7	50	68
2x11/4	19,7	20,4	45	68
2x11/2	18,5	19	45	68
21/2x1	23,1	23,8	34	75
21/2x11/4	23,6	24,2	33	75
21/2x11/2	23,3	23,9	32	75
21/2x2	22,1	23	35	75
3x2	19,8	20	20	83
3x21/2	18,9	19,1	20	83

# Male Equal Hexagon Nipple (280)



Black, BSPT	
Part Number	Thread
EE-MI280-14N	1/4"
EE-MI280-38N	3/8"
EE-MI280-12N	1/2"
EE-MI280-34N	3/4"
EE-MI280-1N	1"
EE-MI280-114N	1.1/4"
EE-MI280-112N	1.1/2"
EE-MI280-2N	2"
EE-MI280-3N	3"

Galvanised, BSPT	
Part Number	Thread
EE-MI280-14	1/4"
EE-MI280-38	3/8"
EE-MI280-12	1/2"
EE-MI280-34	3/4"
EE-MI280-1	1"
EE-MI280-114	1.1/4"
EE-MI280-112	1.1/2"
EE-MI280-2	2"
EE-MI280-212	2.1/2"
EE-MI280-3	3"
EE-MI280-4	4"

Dimension[inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	10,2	10,5	350	36
3/8	10,8	11	250	38
1/2	11,4	12	160	44
3/4	12,3	12,9	140	47
1	21,5	22,8	130	53
1 1/4	22,2	23,2	80	57
1 1/2	20,9	22,1	75	59
2	20	20,2	40	68
2 1/2	19,5	20	25	75
3	22,6	23,2	20	83
4	14,7	15	8	95