

# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

**Material:** Malleable iron - W 40-05 according to PN-EN 1562 and 2000

**Working temp.:** Up to +300°C

**Working press.:** 25 bar (up to +120°C), 20 bar (up to +300°C)

90° long elbow BSP female / BSPT male



**1/13**

code	DN	thread size [inch]
EE-113-04	8	1/4
EE-113-06	10	3/8
EE-113-08	15	1/2
EE-113-12	20	3/4
EE-113-16	25	1
EE-113-20	32	1.1/4
EE-113-24	40	1.1/2
EE-113-32	50	2
EE-113-40	65	2.1/2
EE-113-48	80	3
EE-113-64	100	4

90° long elbow 2 x BSP female



**2/15**

code	DN	thread size [inch]
EE-215-04	8	1/4
EE-215-06	10	3/8
EE-215-08	15	1/2
EE-215-12	20	3/4
EE-215-16	25	1
EE-215-20	32	1.1/4
EE-215-24	40	1.1/2
EE-215-32	50	2
EE-215-40	65	2.1/2
EE-215-48	80	3
EE-215-64	100	4

45° long elbow BSP female / BSPT male



**40/22**

code	DN	thread size [inch]
EE-4022-04	8	1/4
EE-4022-06	10	3/8
EE-4022-08	15	1/2
EE-4022-12	20	3/4
EE-4022-16	25	1
EE-4022-20	32	1.1/4
EE-4022-24	40	1.1/2
EE-4022-32	50	2
EE-4022-40	65	2.1/2
EE-4022-48	80	3
EE-4022-64	100	4

45° long elbow 2 x BSP female



**41/20**

code	DN	thread size [inch]
EE-4120-06	10	3/8
EE-4120-08	15	1/2
EE-4120-12	20	3/4
EE-4120-16	25	1
EE-4120-20	32	1.1/4
EE-4120-24	40	1.1/2
EE-4120-32	50	2
EE-4120-40	65	2.1/2
EE-4120-48	80	3

# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

90° elbow 2 x BSP female



**90/6**

code	DN	thread size [inch]
EE-906-04	8	1/4
EE-906-06	10	3/8
EE-906-08	15	1/2
EE-906-12	20	3/4
EE-906-16	25	1
EE-906-20	32	1.1/4
EE-906-24	40	1.1/2
EE-906-32	50	2
EE-906-40	65	2.1/2
EE-906-48	80	3
EE-906-64	100	4

90° reduction elbow 2 x BSP female



**90/6**

code	thread size [inch]	thread size [inch]
EE-906-06-04	3/8	1/4
EE-906-08-04	1/2	1/4
EE-906-08-06	1/2	3/8
EE-906-12-06	3/4	3/8
EE-906-12-08	3/4	1/2
EE-906-16-06	1	3/8
EE-906-16-08	1	1/2
EE-906-16-12	1	3/4
EE-906-20-08	1.1/4	1/2
EE-906-20-12	1.1/4	3/4
EE-906-20-16	1.1/4	1
EE-906-24-08	1.1/2	1/2
EE-906-24-12	1.1/2	3/4
EE-906-24-16	1.1/2	1
EE-906-24-20	1.1/2	1.1/4
EE-906-32-12	2	3/4
EE-906-32-16	2	1
EE-906-32-20	2	1.1/4
EE-906-32-24	2	1.1/2
EE-906-40-32	2.1/2	2

45° elbow 2 x BSP female



**120/5**

code	DN	thread size [inch]
EE-1205-08	15	1/2
EE-1205-12	20	3/4
EE-1205-16	25	1

90° elbow BSP female / BSPT male



**92/7**

code	DN	thread size [inch]
EE-927-04	8	1/4
EE-927-06	10	3/8
EE-927-08	15	1/2
EE-927-12	20	3/4
EE-927-16	25	1
EE-927-20	32	1.1/4
EE-927-24	40	1.1/2
EE-927-32	50	2
EE-927-40	65	2.1/2
EE-927-48	80	3
EE-927-64	100	4

90° reduction elbow BSP female / BSPT male





**92/7**

code	thread size 1 [inch]	thread size 2 [inch]
EE-927-08-06	1/2	3/8
EE-927-12-08	3/4	1/2
EE-927-16-12	1	3/4


# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

90° elbow 2 x BSPT male		
		
<b>94/94</b>		
code	DN	thread size [inch]
EE-9494-08	15	1/2
EE-9494-12	20	3/4
EE-9494-16	25	1


Tee connection 3 x BSPT male		
		
<b>135/135</b>		
code	DN	thread size [inch]
EE-135135-16	25	1


Tee connection 3 x BSP female		
		
<b>130/25</b>		
code	DN	thread size [inch]
EE-13025-04	8	1/4
EE-13025-06	10	3/8
EE-13025-08	15	1/2
EE-13025-12	20	3/4
EE-13025-16	25	1
EE-13025-20	32	1.1/4
EE-13025-24	40	1.1/2
EE-13025-32	50	2
EE-13025-40	65	2.1/2
EE-13025-48	80	3
EE-13025-64	100	4


Reduction tee connection 3 x BSP female			
			
<b>130/25</b>			
code	thread size 1 [inch]	thread size 2 [inch]	thread size 3 [inch]
EE-13025-06-04-06	3/8	1/4	3/8
EE-13025-08-04-08	1/2	1/4	1/2
EE-13025-08-06-08	1/2	3/8	1/2
EE-13025-12-04-12	3/4	1/4	3/4
EE-13025-12-06-12	3/4	3/8	3/4
EE-13025-12-08-12	3/4	1/2	3/4
EE-13025-16-06-16	1	3/8	1
EE-13025-16-08-16	1	1/2	1
EE-13025-16-12-16	1	3/4	1
EE-13025-20-06-20	1.1/4	3/8	1.1/4
EE-13025-20-08-20	1.1/4	1/2	1.1/4
EE-13025-20-12-20	1.1/4	3/4	1.1/4
EE-13025-20-16-20	1.1/4	1	1.1/4
EE-13025-24-08-24	1.1/2	1/2	1.1/2
EE-13025-24-12-24	1.1/2	3/4	1.1/2
EE-13025-24-16-24	1.1/2	1	1.1/2
EE-13025-24-20-24	1.1/2	1.1/4	1.1/2
EE-13025-32-08-32	2	1/2	2
EE-13025-32-12-32	2	3/4	2
EE-13025-32-16-32	2	1	2
EE-13025-32-20-32	2	1.1/4	2
EE-13025-32-24-32	2	1.1/2	2
EE-13025-40-12-40	2.1/2	3/4	2.1/2
EE-13025-40-16-40	2.1/2	1	2.1/2
EE-13025-40-20-40	2.1/2	1.1/4	2.1/2
EE-13025-40-24-40	2.1/2	1.1/2	2.1/2
EE-13025-40-32-40	2.1/2	2	2.1/2
EE-13025-48-16-48	3	1	3
EE-13025-48-20-48	3	1.1/4	3
EE-13025-48-24-48	3	1.1/2	3
EE-13025-48-32-48	3	2	3
EE-13025-48-40-48	3	2.1/2	3
EE-13025-64-24-64	4	1.1/2	4
EE-13025-64-32-64	4	2	4
EE-13025-64-40-64	4	2.1/2	4
EE-13025-64-48-64	4	3	4


# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

Reduction tee connection 3 x BSP female			
			
<b>130/25</b>			
code	thread size 1 [inch]	thread size 2 [inch]	thread size 3 [inch]
EE-13025-06-08-06	3/8	1/2	3/8
EE-13025-08-12-08	1/2	3/4	1/2
EE-13025-08-16-08	1/2	1	1/2
EE-13025-12-16-12	3/4	1	3/4
EE-13025-16-20-16	1	1.1/4	1
EE-13025-16-24-16	1	1.1/2	1
EE-13025-20-24-20	1.1/4	1.1/2	1.1/4
EE-13025-20-32-20	1.1/4	2	1.1/4
EE-13025-24-32-24	1.1/2	2	1.1/2
EE-13025-32-24-32	2	2.1/2	2
EE-13025-32-40-32	2	3	2
EE-13025-08-06-06	1/2	3/8	3/8
EE-13025-12-06-08	3/4	3/8	1/2
EE-13025-12-08-08	3/4	1/2	1/2
EE-13025-16-08-08	1	1/2	1/2
EE-13025-16-08-12	1	1/2	3/4
EE-13025-16-12-08	1	3/4	1/2
EE-13025-16-12-12	1	3/4	3/4
EE-13025-20-08-16	1.1/4	1/2	1
EE-13025-20-12-12	1.1/4	3/4	3/4
EE-13025-20-12-16	1.1/4	3/4	1
EE-13025-20-16-16	1.1/4	1	1
EE-13025-24-08-12	1.1/2	1/2	3/4
EE-13025-24-16-12	1.1/2	1	3/4
EE-13025-24-16-16	1.1/2	1	1
EE-13025-24-16-20	1.1/2	1	1.1/4
EE-13025-24-20-20	1.1/2	1.1/4	1.1/4
EE-13025-32-24-24	2	1.1/2	1.1/2
EE-13025-08-08-06	1/2	1/2	3/8
EE-13025-12-12-08	3/4	3/4	1/2
EE-13025-16-16-08	1	1	1/2
EE-13025-16-16-12	1	1	3/4
EE-13025-20-20-12	1.1/4	1.1/4	3/4
EE-13025-20-20-16	1.1/4	1.1/4	1
EE-13025-24-24-20	1.1/2	1.1/2	1.1/4

45° "Y" pipe 3 x BSP female		
		
<b>165/30</b>		
code	DN	thread size [inch]
EE-16530-08	15	1/2
EE-16530-12	20	3/4
EE-16530-16	25	1
EE-16530-20	32	1.1/4
EE-16530-24	40	1.1/2
EE-16530-32	50	2

Pipe cross 4 x BSP female		
		
<b>180/34</b>		
code	DN	thread size [inch]
EE-18034-06	10	3/8
EE-18034-08	15	1/2
EE-18034-12	20	3/4
EE-18034-16	25	1
EE-18034-20	32	1.1/4
EE-18034-24	40	1.1/2
EE-18034-32	50	2
EE-18034-40	65	2.1/2
EE-18034-48	80	3
EE-18034-64	100	4

Reduction pipe cross 4 x BSP female				
				
<b>180/34</b>				
code	thread size 1 [inch]	thread size 2 [inch]	thread size 3 [inch]	thread size 4 [inch]
EE-18034-12-08-12-08	3/4	1/2	3/4	1/2
EE-18034-16-08-16-08	1	1/2	1	1/2
EE-18034-16-12-16-12	1	3/4	1	3/4

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## Cast iron connectors - EE type

"Y" pipe 3 x BSP female



**220/220**

code	DN	thread size [inch]
EE-220220-08	15	1/2
EE-220220-12	20	3/4
EE-220220-16	25	1

Side outlet 3 x BSP female



**221/33**

code	DN	thread size [inch]
EE-22133-06	10	3/8
EE-22133-08	15	1/2
EE-22133-12	20	3/4
EE-22133-16	25	1
EE-22133-20	32	1.1/4
EE-22133-24	40	1.1/2
EE-22133-32	50	2

Reduction adapter BSP female



**240/3**

code	thread size [inch]	thread size [inch]
EE-2403-06-04	3/8	1/4
EE-2403-08-04	1/2	1/4
EE-2403-08-06	1/2	3/8
EE-2403-12-06	3/4	3/8
EE-2403-12-08	3/4	1/2
EE-2403-16-06	1	3/8
EE-2403-16-08	1	1/2
EE-2403-16-12	1	3/4
EE-2403-20-06	1.1/4	3/8
EE-2403-20-08	1.1/4	1/2
EE-2403-20-12	1.1/4	3/4
EE-2403-20-16	1.1/4	1
EE-2403-24-08	1.1/2	1/2
EE-2403-24-12	1.1/2	3/4
EE-2403-24-16	1.1/2	1
EE-2403-24-20	1.1/2	1.1/4
EE-2403-32-08	2	1/2
EE-2403-32-12	2	3/4
EE-2403-32-16	2	1
EE-2403-32-20	2	1.1/4
EE-2403-32-24	2	1.1/2
EE-2403-40-16	2.1/2	1
EE-2403-40-20	2.1/2	1.1/4
EE-2403-40-24	2.1/2	1.1/2
EE-2403-40-32	2.1/2	2
EE-2403-48-20	3	1.1/4
EE-2403-48-24	3	1.1/2
EE-2403-48-32	3	2
EE-2403-48-40	3	2.1/2
EE-2403-64-32	4	2
EE-2403-64-40	4	2.1/2
EE-2403-64-48	4	3

Adapter BSP female





**270/2**


code	DN	thread size [inch]
EE-2702-04	8	1/4
EE-2702-06	10	3/8
EE-2702-08	15	1/2
EE-2702-12	20	3/4
EE-2702-16	25	1
EE-2702-20	32	1.1/4
EE-2702-24	40	1.1/2
EE-2702-32	50	2
EE-2702-40	65	2.1/2
EE-2702-48	80	3
EE-2702-64	100	4

# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

Reduction adapter BSPT male / BSP female		
		
<b>241/45</b>		
code	male thread size [inch]	female thread size [inch]
EE-24145-06-04	3/8	1/4
EE-24145-08-04	1/2	1/4
EE-24145-08-06	1/2	3/8
EE-24145-12-04	3/4	1/4
EE-24145-12-06	3/4	3/8
EE-24145-12-08	3/4	1/2
EE-24145-16-06	1	3/8
EE-24145-16-08	1	1/2
EE-24145-16-12	1	3/4
EE-24145-20-06	1.1/4	3/8
EE-24145-20-08	1.1/4	1/2
EE-24145-20-12	1.1/4	3/4
EE-24145-20-16	1.1/4	1
EE-24145-24-08	1.1/2	1/2
EE-24145-24-12	1.1/2	3/4
EE-24145-24-16	1.1/2	1
EE-24145-24-20	1.1/2	1.1/4
EE-24145-32-08	2	1/2
EE-24145-32-12	2	3/4
EE-24145-32-16	2	1
EE-24145-32-20	2	1.1/4
EE-24145-32-24	2	1.1/2
EE-24145-40-16	2.1/2	1
EE-24145-40-20	2.1/2	1.1/4
EE-24145-40-24	2.1/2	1.1/2
EE-24145-40-32	2.1/2	2
EE-24145-48-16	3	1
EE-24145-48-20	3	1.1/4
EE-24145-48-24	3	1.1/2
EE-24145-48-32	3	2
EE-24145-48-40	3	2.1/2
EE-24145-64-32	4	2
EE-24145-64-40	4	2.1/2
EE-24145-64-48	4	3

Reduction nipple 2 x BSPT male		
		
<b>245/40</b>		
code	thread size [inch]	thread size [inch]
EE-24540-06-04	3/8	1/4
EE-24540-08-04	1/2	1/4
EE-24540-08-06	1/2	3/8
EE-24540-12-06	3/4	3/8
EE-24540-12-08	3/4	1/2
EE-24540-16-08	1	1/2
EE-24540-16-12	1	3/4
EE-24540-20-08	1.1/4	1/2
EE-24540-20-12	1.1/4	3/4
EE-24540-20-16	1.1/4	1
EE-24540-24-12	1.1/2	3/4
EE-24540-24-16	1.1/2	1
EE-24540-24-20	1.1/2	1.1/4
EE-24540-32-16	2	1
EE-24540-32-20	2	1.1/4
EE-24540-32-24	2	1.1/2
EE-24540-40-24	2.1/2	1.1/2
EE-24540-40-32	2.1/2	2
EE-24540-48-32	3	2
EE-24540-48-40	3	2.1/2

Nipple 2 x BSPT male		
		
<b>280/38</b>		
code	DN	thread size [inch]
EE-28038-04	8	1/4
EE-28038-06	10	3/8
EE-28038-08	15	1/2
EE-28038-12	20	3/4
EE-28038-16	25	1
EE-28038-20	32	1.1/4
EE-28038-24	40	1.1/2
EE-28038-32	50	2
EE-28038-40	65	2.1/2
EE-28038-48	80	3
EE-28038-64	100	4

# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

Reduction adapter BSP female / BSPT male



**246/246**

code	female thread size [inch]	male thread size [inch]
EE-246246-06-04	3/8	1/4
EE-246246-08-04	1/2	1/4
EE-246246-08-06	1/2	3/8
EE-246246-12-06	3/4	3/8
EE-246246-12-08	3/4	1/2
EE-246246-16-08	1	1/2
EE-246246-16-12	1	3/4
EE-246246-20-12	1.1/4	3/4
EE-246246-20-16	1.1/4	1
EE-246246-24-16	1.1/2	1
EE-246246-24-20	1.1/2	1.1/4
EE-246246-32-20	2	1.1/4
EE-246246-32-24	2	1.1/2

Blank plug



**290/46**

code	thread size [inch]
EE-29046-04	1/4
EE-29046-06	3/8
EE-29046-08	1/2
EE-29046-12	3/4
EE-29046-16	1
EE-29046-20	1.1/4
EE-29046-24	1.1/2
EE-29046-32	2
EE-29046-40	2.1/2
EE-29046-48	3
EE-29046-64	4

Blank cap



**300/43**

code	thread size [inch]
EE-30043-04	1/4
EE-30043-06	3/8
EE-30043-08	1/2
EE-30043-12	3/4
EE-30043-16	1
EE-30043-20	1.1/4
EE-30043-24	1.1/2
EE-30043-32	2
EE-30043-40	2.1/2
EE-30043-48	3
EE-30043-64	4

Locknut



**310/44**

code	thread size [inch]
EE-31044-04	1/4
EE-31044-06	3/8
EE-31044-08	1/2
EE-31044-12	3/4
EE-31044-16	1
EE-31044-20	1.1/4
EE-31044-24	1.1/2
EE-31044-32	2
EE-31044-40	2.1/2
EE-31044-48	3

# INDUSTRIAL FITTINGS - fittings, connectors

## Cast iron connectors - EE type

Pipe joint 2 x BSP female



**330/48**

code	DN	thread size [inch]
EE-33048-06	10	3/8
EE-33048-08	15	1/2
EE-33048-12	20	3/4
EE-33048-16	25	1
EE-33048-20	32	1.1/4
EE-33048-24	40	1.1/2
EE-33048-32	50	2
EE-33048-40	65	2.1/2
EE-33048-48	80	3
EE-33048-64	100	4

Pipe joint BSP female / BSPT male



**331/59**

code	DN	thread size [inch]
EE-33159-06	10	3/8
EE-33159-08	15	1/2
EE-33159-12	20	3/4
EE-33159-16	25	1
EE-33159-20	32	1.1/4
EE-33159-24	40	1.1/2
EE-33159-32	50	2
EE-33159-40	65	2.1/2
EE-33159-48	80	3

Pipe joint 2 x BSPT female



**340/54**

code	DN	thread size [inch]
EE-34054-06	10	3/8
EE-34054-08	15	1/2
EE-34054-12	20	3/4
EE-34054-16	25	1
EE-34054-20	32	1.1/4
EE-34054-24	40	1.1/2
EE-34054-32	50	2
EE-34054-40	65	2.1/2
EE-34054-48	80	3
EE-34054-64	100	4

Pipe joint BSPT female / BSPT male



**341/60**

code	DN	thread size [inch]
EE-34160-06	10	3/8
EE-34160-08	15	1/2
EE-34160-12	20	3/4
EE-34160-16	25	1
EE-34160-20	32	1.1/4
EE-34160-24	40	1.1/2
EE-34160-32	50	2
EE-34160-40	65	2.1/2
EE-34160-48	80	3
EE-34160-64	100	4




# INDUSTRIAL FITTINGS - fittings, connectors


## Brass connectors - RV type


**Material:** Brass  
**Working temp.:** From -10°C up to +100°C


90° elbow BSP female		
		
<b>3400</b>		
code	size	thread size [inch]
RV-3400-04	8	1/4
RV-3400-06	10	3/8
RV-3400-08	15	1/2
RV-3400-12	20	3/4
RV-3400-16	25	1
RV-3400-20	32	1.1/4
RV-3400-24	40	1.1/2
RV-3400-32	50	2

90° elbow BSP female / male		
		
<b>3401</b>		
code	size	thread size [inch]
RV-3401-04	8	1/4
RV-3401-06	10	3/8
RV-3401-08	15	1/2
RV-3401-12	20	3/4
RV-3401-16	25	1
RV-3401-20	32	1.1/4
RV-3401-24	40	1.1/2
RV-3401-32	50	2

Adapter BSP female		
		
<b>3410</b>		
code	size	thread size [inch]
RV-3410-04	8	1/4
RV-3410-06	10	3/8
RV-3410-08	15	1/2
RV-3410-12	20	3/4
RV-3410-16	25	1
RV-3410-20	32	1.1/4
RV-3410-24	40	1.1/2
RV-3410-32	50	2


Tee connection BSP female		
		
<b>3420</b>		
code	size	thread size [inch]
RV-3420-04	8	1/4
RV-3420-06	10	3/8
RV-3420-08	15	1/2
RV-3420-12	20	3/4
RV-3420-16	25	1
RV-3420-20	32	1.1/4
RV-3420-24	40	1.1/2
RV-3420-32	50	2


Nipple BSP male		
		
<b>3430</b>		
code	size	thread size [inch]
RV-3430-04	8	1/4
RV-3430-06	10	3/8
RV-3430-08	15	1/2
RV-3430-12	20	3/4
RV-3430-16	25	1
RV-3430-20	32	1.1/4
RV-3430-24	40	1.1/2
RV-3430-32	50	2


Reduction nipple BSP male			
			
<b>3430</b>			
code	size	thread size [inch]	thread size [inch]
RV-3430-04-06	8	1/4	3/8
RV-3430-06-08	10	3/8	1/2
RV-3430-08-12	15	1/2	3/4
RV-3430-12-16	20	3/4	1
RV-3430-16-20	25	1	1.1/4
RV-3430-20-24	32	1.1/4	1.1/2
RV-3430-24-32	40	1.1/2	2
RV-3430-32-40	50	2	2.1/2


# INDUSTRIAL FITTINGS - fittings, connectors

## Brass connectors - RV type

Blank plug BSP male		
		
<b>3480</b>		
code	size	thread size [inch]
RV-3480-04	8	1/4
RV-3480-06	10	3/8
RV-3480-08	15	1/2
RV-3480-12	20	3/4
RV-3480-16	25	1
RV-3480-20	32	1.1/4
RV-3480-24	40	1.1/2
RV-3480-32	50	2

Blank cap BSP female		
		
<b>3490</b>		
code	size	thread size [inch]
RV-3490-04	8	1/4
RV-3490-06	10	3/8
RV-3490-08	15	1/2
RV-3490-12	20	3/4
RV-3490-16	25	1
RV-3490-20	32	1.1/4
RV-3490-24	40	1.1/2
RV-3490-32	50	2

Reduction adapter BSP male / female			
			
<b>3450</b>			
code	size	male thread size [inch]	female thread size [inch]
RV-3450-04-02	6	1/4	1/8
RV-3450-06-02	6	3/8	1/8
RV-3450-06-04	8	3/8	1/4
RV-3450-08-04	8	1/2	1/4
RV-3450-08-06	10	1/2	3/8
RV-3450-12-04	8	3/4	1/4
RV-3450-12-06	10	3/4	3/8
RV-3450-12-08	15	3/4	1/2
RV-3450-16-06	10	1	3/8
RV-3450-16-08	15	1	1/2
RV-3450-16-12	20	1	3/4
RV-3450-20-12	20	1.1/4	3/4
RV-3450-20-16	25	1.1/4	1
RV-3450-24-12	20	1.1/2	3/4
RV-3450-24-16	25	1.1/2	1
RV-3450-24-20	32	1.1/2	1.1/4
RV-3450-32-20	32	2	1.1/4
RV-3450-32-24	40	2	1.1/2
RV-3450-40-32	50	2.1/2	2

Pipe joint BSP female		
		
<b>3460</b>		
code	size	thread size [inch]
RV-3460-08	15	1/2
RV-3460-12	20	3/4
RV-3460-16	25	1

# INDUSTRIAL FITTINGS - fittings, connectors

## Brass connectors - MU type

Working press::Up to 12 bar

Working temp.:From -20°C up to +100°C

Nipple BSP male (internal cone)



code	thread size [inch]	thread size [inch]	spanner size [mm]
MU-4201	1/8	1/8	14
MU-4202	1/8	1/4	17
MU-4203	1/4	1/4	17
MU-4204	1/4	3/8	19
MU-4208	1/4	1/2	24
MU-4205	3/8	3/8	19
MU-4206	3/8	1/2	24
MU-4213	3/8	3/4	32
MU-4207	1/2	1/2	24
MU-4209	1/2	3/4	32
MU-4215	1/2	1	36
MU-4211	3/4	3/4	32
MU-4210	3/4	1	36
MU-4216	1	1	36

Reduction adapter BSP female / male



code	thread size [inch]	thread size [inch]	spanner size [mm]
MU-4251	1/4	1/8	17
MU-4256	3/8	1/8	19
MU-4252	3/8	1/4	19
MU-4257	1/2	1/8	24
MU-4254	1/2	1/4	24
MU-4253	1/2	3/8	21
MU-4258	3/4	3/8	32
MU-4255	3/4	1/2	32
MU-4259	1	1/2	36
MU-4260	1	3/4	36

90° elbow BSP female



code	thread size [inch]
MU-1142	1/8
MU-1143	1/4
MU-1144	3/8
MU-1145	1/2
MU-1146	3/4
MU-1147	1

"T" Tee connection BSP female



code	thread size [inch]
MU-1172	1/8
MU-1173	1/4
MU-1174	3/8
MU-1175	1/2
MU-1176	3/4
MU-1177	1

"Y" Tee connection BSP female



code	thread size [inch]
MU-1190	3/8
MU-1191	1/2

Cross BSP female





code	thread size [inch]
MU-1195	3/8
MU-1198	1/2


\* - versions with EUROSTANDARD DN 5, DN7.2 couplers available as well

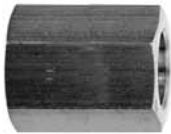
# INDUSTRIAL FITTINGS - fittings, connectors


## Brass connectors - MU type

Hose fitting, BSP male, 37° internal cone			
			
code	thread size [inch]	hose I.D. [mm]	spanner size [mm]
MU-2850	1/8	6	14
MU-2866	1/8	8	14
MU-2851	1/8	9	14
MU-2867	1/4	4	17
MU-2852	1/4	6	17
MU-2861	1/4	8	17
MU-2853	1/4	9	17
MU-2854	1/4	13	17
MU-2855	3/8	6	19
MU-2868	3/8	8	19
MU-2856	3/8	9	19
MU-2857	3/8	13	19
MU-2858	1/2	6	24
MU-2859	1/2	9	24
MU-2860	1/2	13	24
MU-2869	3/4	13	32
MU-2863	3/4	19	32
MU-2864	1	25	36

Hose fitting, ball end (insert)		
		
code	nut size [inch]	hose I.D. [mm]
MU-2891	1/4 (MU-2881)	6
MU-2893	1/4 (MU-2287)	9
MU-2895	3/8 (MU-2883)	6
MU-2896	3/8 (MU-2883)	9
MU-2897	1/2 (MU-2885)	6
MU-2898	1/2 (MU-2885)	9
MU-2899	1/2 (MU-2885)	13

Hexagonal nut			
			
code	thread size [inch]	hole diameter [mm]	spanner size [mm]
MU-2881	1/4	9.6	17
MU-2887	1/4	10.4	17
MU-2883	3/8	12.6	19
MU-2885	1/2	15.2	24

BSP female adaptor		
		
code	thread size [inch]	spanner size [mm]
MU-4221	1/4	17
MU-4222	3/8	22
MU-4223	1/2	27
MU-4224	3/4	32

Hose connector		
		
code	hose I.D. [mm]	length [mm]
EW-MS-11300	4	64
EW-MS-11301	6	72
EW-MS-11302	6	72
EW-MS-11303	9	72
EW-MS-11304	13	72

# INDUSTRIAL FITTINGS - fittings, connectors

## Brass connectors - EW type

Working press.: Up to 40 bar

Working temp.: From -10°C up to +90°C

Hose fitting, BSP female, fixed nut



code	thread size [inch]	hose I.D. [mm]	spanner size [mm]
EW-MS-11309	1/8	4	12
EW-MS-11310	1/8	6	12
EW-MS-13311	1/8	9	14
EW-MS-11312	1/4	4	17
EW-MS-11313	1/4	6	17
EW-MS-11314	1/4	9	17
EW-MS-11315	1/4	13	17
EW-MS-11316	3/8	6	19
EW-MS-11317	3/8	9	19
EW-MS-11318	3/8	13	19
EW-MS-11319	1/2	6	24
EW-MS-11320	1/2	9	24
EW-MS-11321	1/2	13	24
EW-MS-11322	3/4	9	32
EW-MS-11323	3/4	13	32
EW-MS-11324	3/4	19	32
EW-MS-11331	1	19	36
EW-MS-11332	1	25	36
EW-MS-11333	1	32	36

Hose fitting, BSP female, swivel nut



code	thread size [inch]	hose I.D. [mm]	spanner size [mm]
EW-MS-K-02-04	1/8	4	12
EW-MS-K-02-06	1/8	6	12
EW-MS-K-04-04	1/4	4	17
EW-MS-K-04-06	1/4	6	17
EW-MS-K-04-09	1/4	9	17
EW-MS-K-06-04	3/8	4	19
EW-MS-K-06-06	3/8	6	19
EW-MS-K-06-09	3/8	9	19
EW-MS-K-08-06	1/2	6	24
EW-MS-K-08-09	1/2	9	24
EW-MS-K-08-13	1/2	13	24

Hose fitting with ball end (insert)



code	nut size [inch]	hose I.D. [mm]
EW-MS-W-02-04	1/8	4
EW-MS-W-02-06	1/8	6
EW-MS-W-04-04	1/4	4
EW-MS-W-04-06	1/4	6
EW-MS-W-04-09	1/4	9
EW-MS-W-06-04	3/8	4
EW-MS-W-06-06	3/8	6
EW-MS-W-06-09	3/8	9
EW-MS-W-08-06	1/2	6
EW-MS-W-08-09	1/2	9
EW-MS-W-08-13	1/2	13

Hose fitting, BSP male, 45° internal cone



code	thread size [inch]	hose I.D. [mm]	spanner size [mm]
EW-MS-11341	1/8	4	14
EW-MS-11351	1/8	6	14
EW-MS-13352	1/8	9	14
EW-MS-11368	1/4	4	17
EW-MS-11331A	1/4	6	17
EW-MS-11340A	1/4	9	17
EW-MS-11371	1/4	13	17
EW-MS-11332A	3/8	6	17
EW-MS-11334A	3/8	9	17
EW-MS-11343	3/8	13	19
EW-MS-11367	1/2	6	24
EW-MS-11366	1/2	9	24
EW-MS-11344	1/2	13	24
EW-MS-11325	3/4	9	32
EW-MS-11326	3/4	13	32
EW-MS-11327	3/4	19	32
EW-MS-11328	1	19	36
EW-MS-11329	1	25	36
EW-MS-11330	1	32	36

Hexagonal nut



code	thread size [inch]	spanner size [mm]
EW-MS-N-02	1/8	12
EW-MS-N-04	1/4	17
EW-MS-N-06	3/8	19
EW-MS-N-06LH	3/8 (left thread)	19
EW-MS-N-08	1/2	24

# INDUSTRIAL FITTINGS - fittings, connectors

## Brass connectors - EW type

**Working press.:** Up to 63 bar

**Working temp.:** From -10°C up to +90°C

90°elbow, BSP male



code	size	thread size [inch]	spanner size [mm]
EW-MS-18582	5	1/8	10
EW-MS-18583	7	1/4	13
EW-MS-18585	8	3/8	17
EW-MS-18587	12	1/2	21
EW-MS-18588*	19	3/4	25
EW-MS-18589*	25	1	30

90°elbow, BSP female / male



code	size	thread size [inch]	spanner size [mm]
EW-MS-18542	6	1/8	10
EW-MS-18543	8	1/4	13
EW-MS-18545	11	3/8	17
EW-MS-18547	15	1/2	21
EW-MS-18548	19	3/4	25
EW-MS-18549	25	1	30

Tee, BSP male



code	size	thread size [inch]	spanner size [mm]
EW-MS-18597	5	1/8	10
EW-MS-18596	8	1/4	13
EW-MS-18595	9	3/8	17
EW-MS-18594	12	1/2	21
EW-MS-18593*	19	3/4	25
EW-MS-18592*	25	1	30

Tee, BSP female / male / female



code	size	thread size [inch]	spanner size [mm]
EW-MS-18562	6	1/8	10
EW-MS-18563	8	1/4	13
EW-MS-18565	11	3/8	17
EW-MS-18567	15	1/2	21
EW-MS-18568	19	3/4	25
EW-MS-18569	25	1	30

Tee, BSP female / female / male



code	size	thread size [inch]	spanner size [mm]
EW-MS-18512	6	1/8	10
EW-MS-18513	8	1/4	13
EW-MS-18515	15	3/8	17
EW-MS-18517	19	1/2	21
EW-MS-18518*	25	3/4	25
EW-MS-18519*	30	1	33

Tee, BSP female



code	size	thread size [inch]
EW-MS-185197	8	1/8
EW-MS-185196	11	1/4
EW-MS-185195	15	3/8
EW-MS-185194	19	1/2
EW-MS-185193	25	3/4
EW-MS-185192	30	1

\* - without internal cone

# INDUSTRIAL FITTINGS - fittings, connectors

## Brass connectors - EW type

Tee, BSP female



code	thread size [inch]
EW-MS-12135	3/8
EW-MS-12150	1/2

Cross, BSP female



code	thread size [inch]
EW-MS-12134	3/8
EW-MS-12154	1/2

90° elbow, BSP female



code	size	thread size [inch]
EW-MS-185182	6	1/8
EW-MS-185183	8	1/4
EW-MS-185185	15	3/8
EW-MS-185187	19	1/2
EW-MS-185188	25	3/4
EW-MS-185189	30	1

90° elbow with mounting ears, BSP female



code	thread size [inch]	mounting (hole DN) [mm]
EW-MS-12155	3/8	4.5
EW-MS-12156	1/2	4.5
EW-MS-12157	3/4	4.5

Angled air diffuser with mounting ears 5 x BSP female



code	thread size [inch]	mounting (hole DN) [mm]
EW-MS-12159	1/2	5.5

Straight air diffuser with mounting ears 5 x BSP female





code	thread size [inch]	mounting (hole DN) [mm]
EW-MS-12158	1/2	5.5


# INDUSTRIAL FITTINGS - fittings, connectors


## Stainless steel connectors - VT type

**Material:** AISI 316  
**Working press.:** 10 bar

90° elbow BSP female		
		
<b>VT 101</b>		
code	size	thread size [inch]
NM-VT101-04	8	1/4
NM-VT101-06	10	3/8
NM-VT101-08	15	1/2
NM-VT101-12	20	3/4
NM-VT101-16	25	1
NM-VT101-20	32	1.1/4
NM-VT101-24	40	1.1/2
NM-VT101-32	50	2
NM-VT101-40	65	2.1/2
NM-VT101-48	80	3
NM-VT101-64	100	4

45° elbow BSP female		
		
<b>VT 107</b>		
code	size	thread size [inch]
NM-VT107-04	8	1/4
NM-VT107-06	10	3/8
NM-VT107-08	15	1/2
NM-VT107-12	20	3/4
NM-VT107-16	25	1
NM-VT107-20	32	1.1/4
NM-VT107-24	40	1.1/2
NM-VT107-32	50	2


90° elbow BSP female / BSPT male		
		
<b>VT 153</b>		
code	size	thread size [inch]
NM-VT153-04	8	1/4
NM-VT153-06	10	3/8
NM-VT153-08	15	1/2
NM-VT153-12	20	3/4
NM-VT153-16	25	1
NM-VT153-20	32	1.1/4
NM-VT153-24	40	1.1/2
NM-VT153-32	50	2
NM-VT153-40	65	2.1/2
NM-VT153-48	80	3


Tee connection BSP female		
		
<b>VT 103</b>		
code	size	thread size [inch]
NM-VT103-04	8	1/4
NM-VT103-06	10	3/8
NM-VT103-08	15	1/2
NM-VT103-12	20	3/4
NM-VT103-16	25	1
NM-VT103-20	32	1.1/4
NM-VT103-24	40	1.1/2
NM-VT103-32	50	2
NM-VT103-40	65	2.1/2
NM-VT103-48	80	3





# INDUSTRIAL FITTINGS - fittings, connectors

## Stainless steel connectors - VT type

Reduction tee BSP female			
			
<b>VT 104</b>			
code	size	thread size 1, 2 [inch]	thread size 3 [inch]
NM-VT104-06-04	10	3/8	1/4
NM-VT104-08-04	15	1/2	1/4
NM-VT104-08-06	15	1/2	3/8
NM-VT104-12-06	20	3/4	3/8
NM-VT104-12-08	20	3/4	1/2
NM-VT104-16-08	25	1	1/2
NM-VT104-16-12	25	1	3/4
NM-VT104-24-12	40	1.1/2	3/4
NM-VT104-32-12	50	2	3/4
NM-VT104-32-16	50	2	1
NM-VT104-32-24	50	2	1.1/2

Cross BSP female		
		
<b>VT 105</b>		
code	size	thread size [inch]
NM-VT105-04	8	1/4
NM-VT105-06	10	3/8
NM-VT105-08	15	1/2
NM-VT105-12	20	3/4
NM-VT105-16	25	1
NM-VT105-20	32	1.1/4
NM-VT105-24	40	1.1/2
NM-VT105-32	50	2
NM-VT105-40	65	2.1/2
NM-VT105-48	80	3
NM-VT105-64	100	4

Nipple BSPT male			
			
<b>VT 116</b>			
code	size	thread size [inch]	spanner size [mm]
NM-VT116-04	8	1/4	14
NM-VT116-06	10	3/8	19
NM-VT116-08	15	1/2	22
NM-VT116-12	20	3/4	30
NM-VT116-16	25	1	36
NM-VT116-20	32	1.1/4	46
NM-VT116-24	40	1.1/2	50
NM-VT116-32	50	2	65
NM-VT116-40	65	2.1/2	81
NM-VT116-48	80	3	92
NM-VT116-64	100	4	120

Reduction nipple BSPT male				
				
<b>VT 117</b>				
code	size	thread size 1 [inch]	thread size 2 [inch]	spanner size [mm]
NM-VT117-04-02	8	1/4	1/8	14
NM-VT117-06-04	10	3/8	1/4	19
NM-VT117-08-06	15	1/2	3/8	22
NM-VT117-12-08	20	3/4	1/2	30
NM-VT117-16-12	25	1	3/4	36
NM-VT117-20-16	32	1.1/4	1	46
NM-VT117-24-20	40	1.1/2	1.1/4	50
NM-VT117-32-24	50	2	1.1/2	65

# INDUSTRIAL FITTINGS - fittings, connectors

## Stainless steel connectors - VT type

Nipple (butt weld) BSPT male



**VT 126**

code	size	thread size [inch]	diameter [mm]	wall thickness [mm]
NM-VT126-04	8	1/4	13.5	2.3
NM-VT126-06	10	3/8	17.2	2.3
NM-VT126-08	15	1/2	21.3	2.6
NM-VT126-12	20	3/4	26.9	2.6
NM-VT126-16	25	1	33.7	3.2
NM-VT126-20	32	1.1/4	42.4	3.2
NM-VT126-24	40	1.1/2	48.3	3.2
NM-VT126-32	50	2	60.3	3.6
NM-VT126-40	65	2.1/2	76.1	3.6
NM-VT126-48	80	3	88.9	4
NM-VT126-64	100	4	114.3	4.5

Double nipple BSPT male



**VT 127**

code	size	thread size [inch]	diameter [mm]	wall thickness [mm]
NM-VT127-04	8	1/4	13.5	2.3
NM-VT127-06	10	3/8	17.2	2.3
NM-VT127-08	15	1/2	21.3	2.6
NM-VT127-12	20	3/4	26.9	2.6
NM-VT127-16	25	1	33.7	3.2
NM-VT127-20	32	1.1/4	42.4	3.2
NM-VT127-24	40	1.1/2	48.3	3.2
NM-VT127-32	50	2	60.3	3.6
NM-VT127-40	65	2.1/2	76.1	3.6
NM-VT127-48	80	3	88.9	4
NM-VT127-64	100	4	114.3	4.5

Fitting with hose tail and BSPT male



**VT 123**

code	size	thread size [inch]	fitting diameter [mm]	hose size [inch]
NM-VT123-02	6	1/8	6.7	1/4
NM-VT123-04	8	1/4	9	5/16
NM-VT123-06	10	3/8	10.5	3/8
NM-VT123-08	15	1/2	14	1/2
NM-VT123-12	20	3/4	20.5	3/4
NM-VT123-16	25	1	27.5	1
NM-VT123-20	32	1.1/4	34	1.1/4
NM-VT123-24	40	1.1/2	40.3	1.1/2
NM-VT123-32	50	2	52	2
NM-VT123-40	65	2.1/2	65	2.1/2
NM-VT123-48	80	3	77	3

Adapter BSP female





**VT 1221**

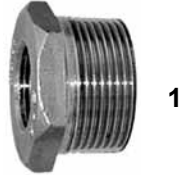
code	size	thread size [inch]	diameter [mm]	length [mm]
NM-VT1221-04	8	1/4	18	26.5
NM-VT1221-06	10	3/8	21	29
NM-VT1221-08	15	1/2	25	33
NM-VT1221-12	20	3/4	31	34.5
NM-VT1221-16	25	1	38	41.5
NM-VT1221-20	32	1.1/4	47	47.5
NM-VT1221-24	40	1.1/2	52	47.5
NM-VT1221-32	50	2	68	62
NM-VT1221-40	65	2.1/2	84.5	70
NM-VT1221-48	80	3	97	76
NM-VT1221-64	100	4	125	86


# INDUSTRIAL FITTINGS - fittings, connectors

## Stainless steel connectors - VT type

Short adapter BSP female				
				
<b>VT 102</b>				
code	size	thread size [inch]	diameter [mm]	length [mm]
NM-VT102-04	8	1/4	18.5	11
NM-VT102-06	10	3/8	21.3	12
NM-VT102-08	15	1/2	26.4	15
NM-VT102-12	20	3/4	31.8	15
NM-VT102-16	25	1	39.5	19
NM-VT102-20	32	1.1/4	48.3	22
NM-VT102-24	40	1.1/2	54.5	22
NM-VT102-32	50	2	66.3	26


Reduction adapter BSP female				
				
<b>VT 121</b>				
code	size	thread size 1 [inch]	thread size 2 [inch]	length [mm]
NM-VT121-06-04	10	3/8	1/4	30
NM-VT121-08-04	15	1/2	1/4	34
NM-VT121-08-06	15	1/2	3/8	34
NM-VT121-12-06	20	3/4	3/8	38
NM-VT121-12-08	20	3/4	1/2	38
NM-VT121-16-08	25	1	1/2	42
NM-VT121-16-12	25	1	3/4	42
NM-VT121-20-12	32	1.1/4	3/4	48
NM-VT121-20-16	32	1.1/4	1	48
NM-VT121-24-16	40	1.1/2	1	52
NM-VT121-24-20	40	1.1/2	1.1/4	52
NM-VT121-32-24	50	2	1.1/2	58


Reduction nipple BSP female / BSPT male				
				
<b>VT 115</b>				
code	size	thread size 1 [inch]	thread size 2 [inch]	spanner size [mm]
NM-VT115-04-02	8	1/4	1/8	14
NM-VT115-06-02	10	3/8	1/8	19
NM-VT115-06-04	10	3/8	1/4	19
NM-VT115-08-04	15	1/2	1/4	22
NM-VT115-08-06	15	1/2	3/8	22
NM-VT115-12-04	20	3/4	1/4	30
NM-VT115-12-06	20	3/4	3/8	30
NM-VT115-12-08	20	3/4	1/2	30
NM-VT115-16-04	25	1	1/4	36
NM-VT115-16-06	25	1	3/8	36
NM-VT115-16-08	25	1	1/2	36
NM-VT115-16-12	25	1	3/4	36
NM-VT115-20-08	32	1.1/4	1/2	46
NM-VT115-20-12	32	1.1/4	3/4	46
NM-VT115-20-16	32	1.1/4	1	46
NM-VT115-24-12	40	1.1/2	3/4	50
NM-VT115-24-16	40	1.1/2	1	50
NM-VT115-24-20	40	1.1/2	1.1/4	50
NM-VT115-32-16	50	2	1	65
NM-VT115-32-20	50	2	1.1/4	65
NM-VT115-32-24	50	2	1.1/2	65


Blank cap BSP female		
		
<b>VT 118</b>		
code	thread size [inch]	spanner size [mm]
NM-VT118-04	1/4	19
NM-VT118-06	3/8	23
NM-VT118-08	1/2	27
NM-VT118-12	3/4	35
NM-VT118-16	1	41
NM-VT118-20	1.1/4	50
NM-VT118-24	1.1/2	56
NM-VT118-32	2	70
NM-VT118-40	2.1/2	84
NM-VT118-48	3	99


# INDUSTRIAL FITTINGS - fittings, connectors

## Stainless steel connectors - VT type

Nut BSP female		
		
<b>VT 124</b>		
code	thread size [inch]	spanner size [mm]
NM-VT124-04	1/4	22
NM-VT124-06	3/8	27
NM-VT124-08	1/2	32
NM-VT124-12	3/4	36
NM-VT124-16	1	46
NM-VT124-20	1.1/4	55
NM-VT124-24	1.1/2	60
NM-VT124-32	2	75
NM-VT124-40	2.1/2	95
NM-VT124-48	3	105
NM-VT124-64	4	135

Blank plug BSPT male		
		
<b>VT 113</b>		
code	thread size [inch]	spanner size [mm]
NM-VT113-04	1/4	9
NM-VT113-06	3/8	12
NM-VT113-08	1/2	14
NM-VT113-12	3/4	17
NM-VT113-16	1	19
NM-VT113-20	1.1/4	23
NM-VT113-24	1.1/2	32
NM-VT113-32	2	32

Hexagonal blank plug BSPT male		
		
<b>VT 114</b>		
code	thread size [inch]	spanner size [mm]
NM-VT114-04	1/4	17
NM-VT114-06	3/8	21
NM-VT114-08	1/2	23
NM-VT114-12	3/4	29
NM-VT114-16	1	36
NM-VT114-20	1.1/4	46
NM-VT114-24	1.1/2	50
NM-VT114-32	2	60
NM-VT114-40	2.1/2	80
NM-VT114-48	3	92

Pipe joint BSP female, cone seal			
			
<b>VT 108</b>			
code	thread size [inch]	joint length [mm]	spanner size [mm]
NM-VT108-04	1/4	32	28
NM-VT108-06	3/8	39	32
NM-VT108-08	1/2	41	41
NM-VT108-12	3/4	47	46
NM-VT108-16	1	52	60
NM-VT108-20	1.1/4	55	68
NM-VT108-24	1.1/2	60	78
NM-VT108-32	2	70	85
NM-VT108-40	2.1/2	90	110
NM-VT108-48	3	105	128

# INDUSTRIAL FITTINGS - fittings, connectors

## Stainless steel connectors - VT type

Pipe joint BSP female / BSPT male, cone seal



**VT 109**

code	thread size [inch]	joint length [mm]	spanner size [mm]
NM-VT109-04	1/4	43	30
NM-VT109-06	3/8	50	32
NM-VT109-08	1/2	57	41
NM-VT109-12	3/4	63	46
NM-VT109-16	1	74	55
NM-VT109-20	1.1/4	80	61
NM-VT109-24	1.1/2	84	75
NM-VT109-32	2	95	85
NM-VT109-40	2.1/2	110	109
NM-VT109-48	3	125	125

Pipe joint (butt weld), cone seal



**VT 110**

code	pipe I.D. [mm]	pipe O.D. [mm]	joint length [mm]	spanner size [mm]
NM-VT110-13.8	9	13.8	34	27
NM-VT110-17.0	12	17	40	28
NM-VT110-21.3	15	21.3	44	32
NM-VT110-26.9	20	26.9	55	41
NM-VT110-33.3	26	33.3	65	50
NM-VT110-42.4	35	42.4	67	60
NM-VT110-48.3	38	48.3	71	70
NM-VT110-60.3	50	60.3	75	85