

# The cast malleable iron compression fittings I + IF

with female threads

**For steel pipes:** DIN EN 10255 (formerly DIN 2440/2441), DIN 2442 and DIN 2448/DIN 2458 Series 1, ISO 65

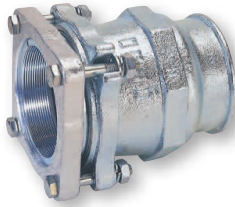
- **Fluids:** Water, Gas (outside buildings), Compressed air, Heating oil up to 2" (follow TRBF!)
- **Temperatures:** Drinking water: up to 25 °C; Heating water: up to 80 °C; Gas: -20 to +60 °C; Oil: 40 °C



### 17.2 mm – 60.3 mm:

- **Pressure stages:** Water PN 10 (up to 3/4") respectively PN 16 (from 1"), Gas PN 5, Compressed air PN 12.5; Oil PN 6, VdS PN 12.5
- **Tests:**  
Water: W534, DVGW-Reg.-No.: DW-8511AU2216  
Gas: DIN 3387-1, DVGW-Reg.-No.: NG-4502AP1454  
VdS-tested from DN 25 (Fire extinguisher lines)  
Heating oil: Building approval DIBT, App.-No.: Z-38.4-212

Connecting threads x Pipe Outer-Ø		
DN	[mm]	Item No.
10	3/8" x 17.2	01.150.01.00
15	1/2" x 21.3	01.150.01.01
20	3/4" x 26.9	01.150.01.02
25	1" x 33.7	01.150.01.03
32	1 1/4" x 42.4	01.150.01.04
40	1 1/2" x 48.3	01.150.01.05
50	2" x 60.3	01.150.01.06
65	2 1/2" x 76.1	01.220.01.07
80	3" x 88.9	01.220.01.08
100	4" x 114.3	01.220.01.09



### 76.1 mm – 114.3 mm:

- **Pressure stages:** Water PN 16, Gas PN 5, Compressed air PN 10
- **Tests:** Water: W534, DVGW-Reg.-No.: DW-8511AU2217  
Gas: DIN 3387-1, DVGW-Reg.-No.: NG-4502AP1491; VdS-tested (Fire extinguisher lines)

**For black steel pipes:** DIN 2448 and 2458 Series 2 and 3

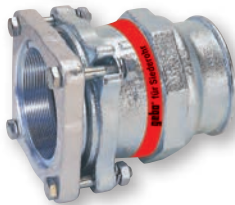
- **Fluids:** Water, Compressed air, Heating oil only 57 mm (follow TRBF!)
- **Temperatures:** Heating water: up to 80 °C, Oil 40 °C



### 20 mm – 63.5 mm:

- **Pressure stages:** Water PN 6, Compressed air PN 12.5, Oil PN 6
- **Tests:** Heating oil: for 57 mm Building approval DIBT, App.-No.: Z-38.4-212

Connecting threads x Pipe Outer-Ø		
DN	[mm]	Item No.
15	1/2" x 20.0	02.150.01.0120
20	3/4" x 25.0	02.150.01.0225
25	1" x 31.8	02.150.01.03318
32	1 1/4" x 38.0	02.150.01.0438
32	1 1/4" x 44.5	02.150.01.04445
40	1 1/2" x 51.0	02.150.01.0551
50	2" x 57.0	02.150.01.0657
50	2" x 63.5	02.150.01.06635
65	2 1/2" x 70	02.220.01.70
65	2 1/2" x 82.5	02.220.01.07825
100	4" x 108	02.220.01.108



### 70 mm – 108 mm:

- **Pressure stages:** Water PN 6, Compressed air PN 10

**For PE-pipes:** PE80, PE100, PE-Xa-pipe conforming to DVGW – Worksheet GW 355 A2/A3 DIN 8074/75 and DIN 16893



### 20 mm – 63 mm:

- **Fluids:** Water, Gas, Compressed air
- **Pressure stages:** Water: PE80 and PE-Xa PN 12.5, PE100 PN 16; Gas: PE80, PE100 and PE-Xa PN 4; Compressed air: PE80, PE-Xa PN 10; PE100 PN 12.5
- **Tests:** DVGW – Test standard VP 600  
DVGW – Reg.No. DV – 7501BL0525

Connecting threads x Pipe Outer-Ø		
DN	[mm]	Item No.
15	1/2" x 20	03.153.01.0120
20	3/4" x 25	03.153.01.0225
25	1" x 30	03.153.01.0330
25	1" x 32	03.153.01.0332
32	1 1/4" x 38	03.153.01.0438
32	1 1/4" x 40	03.153.01.0440
40	1 1/2" x 50	03.153.01.0550
50	2" x 63	03.153.01.0663
65	2 1/2" x 75	03.220.01.0775
80	3" x 90	03.220.01.0890
100	4" x 110	03.220.01.09110



### 75 mm – 110 mm:

- **Fluids:** Water, Compressed air
- **Pressure stages:** Water, Compressed air PN 10

The use of support sleeves is necessary (see page 39).