

# SERIES 08

## Rubber expansion joints

- For industrial water supplies, heating/ventilation plants, industrial and agricultural uses, compressed air, pumping applications

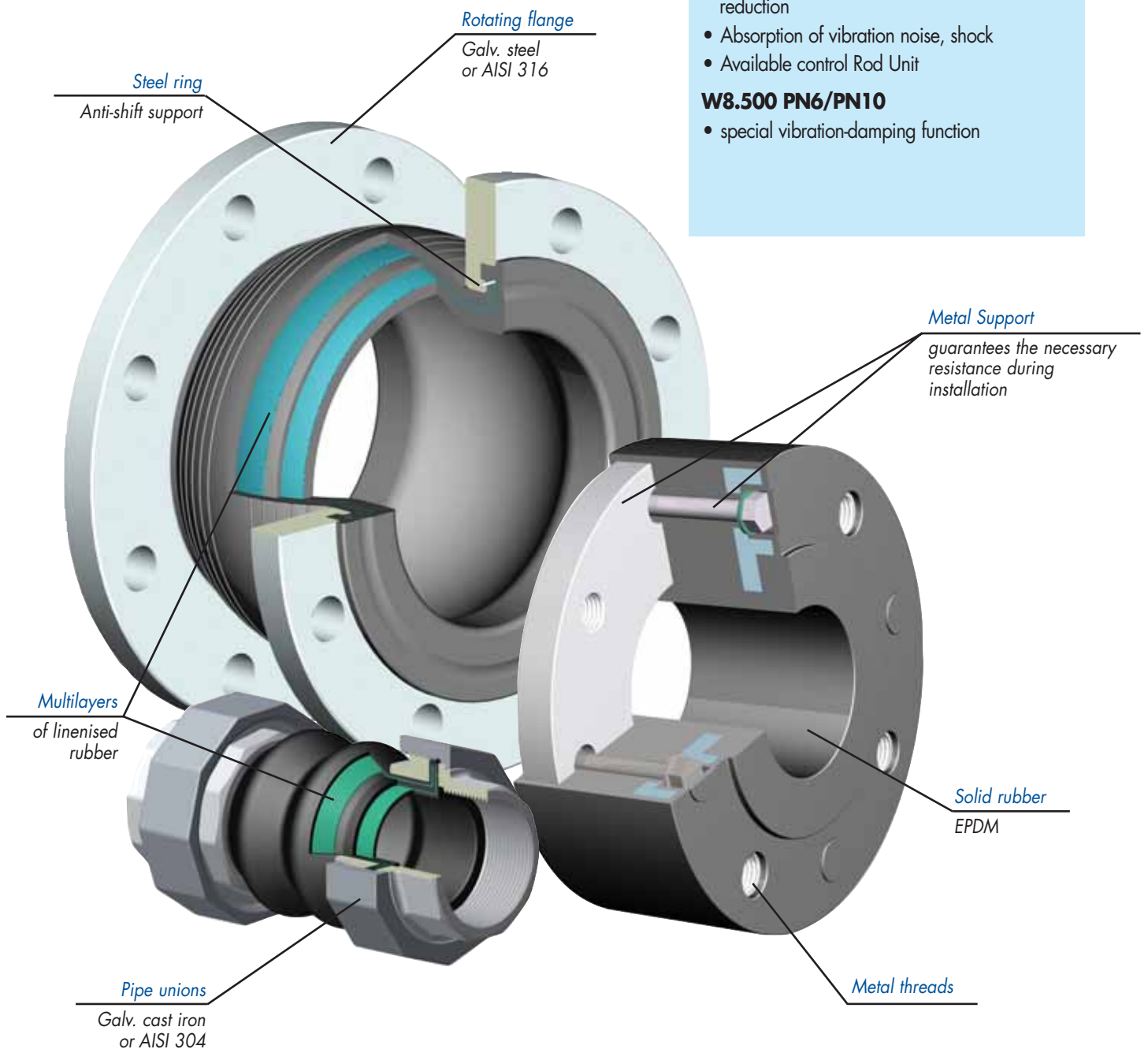
### T8 Threaded end

### F8 Flanged end

- Compensate greater elongation, compression, lateral and angular movement
- Antivibration function and hammering reduction
- Absorption of vibration noise, shock
- Available control Rod Unit

### W8.500 PN6/PN10

- special vibration-damping function



# SERIES 08

## Rubber expansion joints

### Pressure rating:

16 bars up to DN 300

10 bars from DN 350 to DN 600

### Temperature:

see pressure/temperature chart

### Articles available

#### Art. F8.0

- **Flanged**  
PN10/16

#### **F8.000**

- Flange: Galv. steel
- T° from -10 to 90°C

body:

Neoprene

#### **F8.020**

- Flange: AISI 316
- T° from -10 to 90°C



#### Art. F8.500

- **Flanged**  
PN10/16

#### **F8.500**

- Flange: Galv. steel
- T° from -10 to 90°C

body:

EPDM



#### Art. T8.0

- **Threaded BSP P**

#### **T8.000**

- Pipe union: Galv. steel
- T° from -10 to 90°C

body:

Neoprene

#### **T8.010**

- Pipe union: AISI 304
- T° from -10 to 90°C



- **Threaded BSP P / Flanged**

#### **T8.000 TF**

- Connection materials, galv. steel and galv. cast iron
- T° from -10 to 90°C



#### Art. W8.5

- **Vibration-damping**  
PN6/PN10

#### **W8.500 (ex F8.500)**

- T° from -10 to 100°C

body:

EPDM



# SERIES 08

## Rubber expansion joints

### Pressure rating:

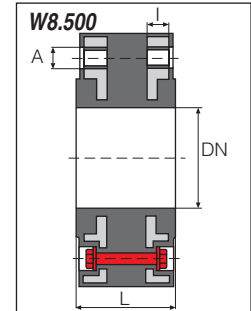
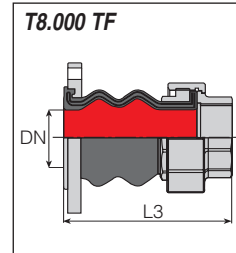
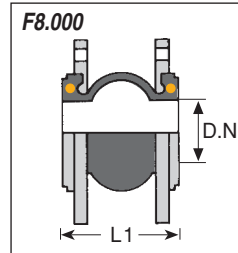
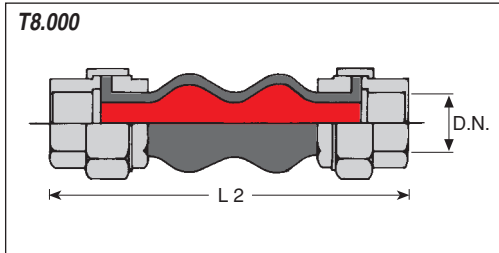
16 bars up to DN 300

10 bars from DN 350 to DN 600

### Temperature:

see pressure/temperature chart

### Technical data



### Dimensions (in mm) T8.000 - F8.000 - T8.000TF

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
<b>Face to face natural length (mm)</b>																			
L1	-	-	93	93	93	99	108	116	129	142	156	177	206	217	266	266	200	200	250
L2	165	165	175	186	186	200	218	260	294	-	-	-	-	-	-	-	-	-	-
L3	-	-	-	143	143	150	164	193	-	-	-	-	-	-	-	-	-	-	-
<b>compression (mm)</b>																			
Δ L1	-	-	8	8	8	8	12	12	18	18	18	25	25	25	25	25	19	19	19
Δ L2	25	25	25	25	25	25	25	25	25	-	-	-	-	-	-	-	-	-	-
Δ L3	-	-	-	12	12	12	12	12	-	-	-	-	-	-	-	-	-	-	-
<b>allongation (mm)</b>																			
Δ L1	-	-	4	4	4	5	6	6	10	10	10	14	14	14	16	16	13	13	13
Δ L2	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-
Δ L3	-	-	-	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-
<b>lateral deflection (mm)</b>																			
T8.000 ±	23	23	23	23	23	23	23	23	23	-	-	-	-	-	-	-	-	-	-
F8.000 ±	-	-	8	8	8	8	10	10	12	12	12	22	22	22	22	22	19	19	19
T8.000TF ±	-	-	-	12	12	12	12	12	-	-	-	-	-	-	-	-	-	-	-
<b>angular deflection (deg)</b>																			
T8.000 ±	35	35	30	30	30	20	15	15	15	-	-	-	-	-	-	-	-	-	-
F8.000 ±	-	-	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
T8.000TF ±	-	-	-	15	15	15	15	15	-	-	-	-	-	-	-	-	-	-	-
<b>Weight (KG)</b>																			
T8.000	-	0,58	0,65	1,25	1,65	2,50	3,50	5,0	-	-	-	-	-	-	-	-	-	-	-
F8.000	-	-	-	3,0	3,5	4,5	5,0	6,0	7,5	10,0	12,0	16,5	21,5	26,0	40,0	50,0	53,0	63,0	86,0

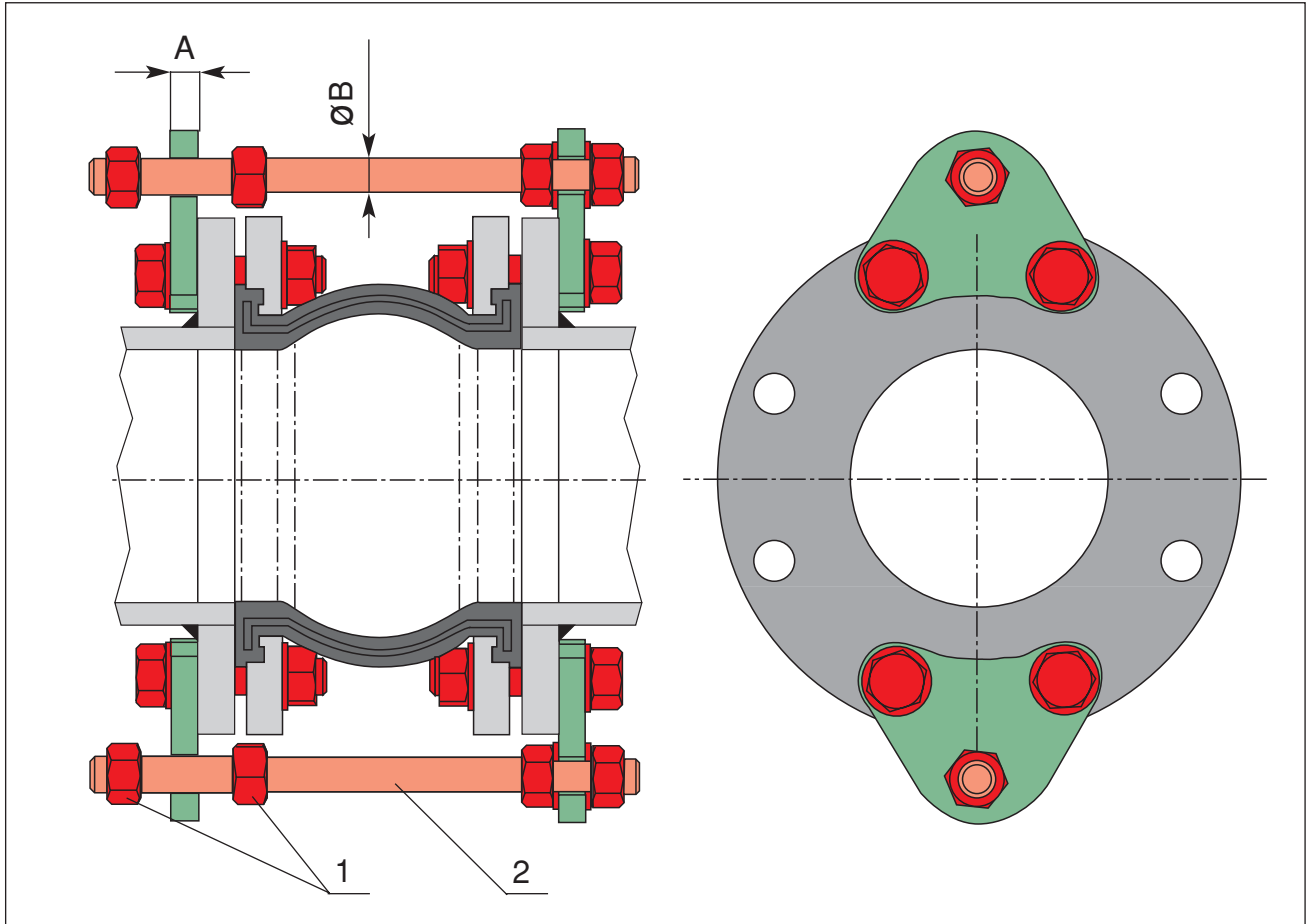
### Dimensions (mm) W8.500

DN	20	25	32	40	50	65	80	100	125	150	200
<b>DIN PN 6</b>											
A	4 x M10	4 x M10	4 x M12	4 x M12	4 x M12	4 x M12	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16
I	14	16	16	16	16	16	18	18	18	18	20
L (natural length)	70	70	70	70	70	70	70	70	70	70	90
<b>Weight</b>											
Kg	1,3	1,6	2,3	2,8	3,2	3,7	5,7	6,7	8,1	10,1	14
<b>DIN PN 10</b>											
A	4 x M12	4 x M12	4 x M16	4 x M16	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20	8 x M20
I	14	16	16	16	16	16	18	18	18	18	20
L (natural length)	70	70	70	70	70	70	70	70	70	70	90
<b>Weight</b>											
Kg	1,8	2,4	3,4	3,9	4,5	5,5	5,8	6,9	9,1	11,3	16,7

# SERIES 08

## Rubber expansion joints

### Control rod joint



DN	15/20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	1/2 / 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
N. stem	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
B	12	12	12	12	16	16	16	16	16	16	22	22	25	25	32	32	32	32
A	9	9	9	9	9	9	9	9	9	12	12	18	18	18	20	20	20	20

The control rod joints are available on articles F8.000 and F8.500.

The position of nuts (1) on the rod (2) is set to define the maximum allowable expansion and/or compression of the joint. Control rod joints are strictly recommended in unanchored/unsupported systems and spring mounted pumps or equipments, and whenever the movement exceed the permissible movement, indicated in the product characteristics feature.