



**BOSS™**

**Bi-Metallic Flanges**

**Tables D/E**

**Data Sheet**

### General Description

A range of bi-metal (carbon steel and gunmetal) flanges to be used with copper and copper alloy tubes for water, gas and sanitary applications.

Multiple codes in range, please refer below.

### Specification:

- Carbon steel outer flange conforming to BS4360 Grade 40A.
- Cast gunmetal inner flange conforming to BS1400 LG2.
- Outer flange is machined all over with a green (RAL6011) epoxy coating.
- Inner flange is machined all over and supplied with a tube stop.

### Bolting Requirements:

- Studs to comply to BS4439 Grade 4.8.
- Stud bolts to comply to BS4882 carbon steel.
- Hexagon headed bolts to comply to BS3692 or BS4190 Grade 4.6.
- Nuts to comply to BS3692, BS4190 Grade 4, or BS4882 Grade 2H/M as appropriate.
- Where washers are used, they should conform to BS4320 (1968) Table 3.

## Pressure-Temperature Rating:

Table Reference	Max. Permissible Working Pressure (bar) @ Temperature (°C)				
	-10/120 °C	150 °C	200 °C	230 °C	260 °C
D	7	6.5	6	4.5	3.5
E	12	11.5	9.5	8.4	7

## Product Codes:

BSS Code	Flange Size (mm)	Table Reference
86126216	22	D/E
86126227	28	D/E
86126238	35	D/E
86126249	42	D/E
86126260	54	D/E
86126271	67	D/E
86126282	76	D/E
86126323	108	D
86126293	108	E
86126301	133	D/E
86126312	159	E