



**BOSS™**

**Bi-Metallic Flanges**

**Table 6/23**

## **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 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:

BSS Code	Flange Size	Max. Permissible Working Pressure (bar) @ Temperature (°C)							Nominal Pressure
		-10/120 °C	150 °C	180 °C	200 °C	220 °C	250 °C	260 °C	
	mm								bar
86127218	20	6	6	6	5	4	2.5	2	6
86127229	28	6	6	6	5	4	2.5	2	6
86127240	35	6	6	6	5	4	2.5	2	6
86127251	42	6	6	6	5	4	2.5	2	6
86127262	54	6	6	6	5	4	2.5	2	6
86127273	67	6	6	6	5	4	2.5	2	6
86127284	76	6	6	6	5	4	2.5	2	6
86127295	108	6	6	6	5	4	2.5	2	6