



AWAITING PRODUCT IMAGES

BOSS™

GM Bossed Screwed Flanges Table 6/22

Data Sheet

General Description

A range of gunmetal flanges with boss. To be used with threaded tubes for water, other liquids and sanitary applications.

Multiple codes in range, please refer below.

Specification:

- Flange constructed from cast gunmetal conforming to BS1400 LG2 (CC491K).
- Flange has a machined face and edge, back of boss is machined and internally threaded.
- Flanges conform to BS4504 Part 2 (1974).

Bolting Requirements:

- Studs to comply with BS4439 Grade 4.8.
- Hexagon headed bolts to comply to BS3692 or BS4190 Grade 4.6.
- Stud bolts to comply to BS4882 carbon steel.
- 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	Nom. Size	Max. Permissible Working Pressure (bar) @ Temperature (°C)							Nominal Pressure
		-200/120 °C	150 °C	180 °C	200 °C	220 °C	250 °C	260 °C	
	mm								bar
86131009	25	6	6	6	5	4	2.5	2	6
86128209	40	6	6	6	5	4	2.5	2	6
86131042	50	6	6	6	5	4	2.5	2	6
86131053	65	6	6	6	5	4	2.5	2	6
86131064	80	6	6	6	5	4	2.5	2	6

Fitting Product Codes

BSS Code	Fitting Size	Fitting Type
24012106	1/8" BSP	Barrel Nipple
24012117	1/4" BSP	Barrel Nipple
24012128	3/8" BSP	Barrel Nipple
24012161	1" BSP	Barrel Nipple
24012172	1 1/4" BSP	Barrel Nipple
24012770	1/4 x 1/8" BSP	Hexagon Nipple (Reducing)
24012781	1/2 x 1/4" BSP	Hexagon Nipple (Reducing)
24012792	1/2 x 3/8" BSP	Hexagon Nipple (Reducing)
24012822	3/4 x 1/2" BSP	Hexagon Nipple (Reducing)
24012855	1 x 1/2" BSP	Hexagon Nipple (Reducing)
24012866	1 x 3/4" BSP	Hexagon Nipple (Reducing)
24013761	1/2 x 3/8" BSP	Reducing Bush
24013794	3/4 x 1/2" BSP	Reducing Bush
24013835	1 x 3/4" BSP	Reducing Bush
24036318	1/4" BSP	Hexagon Backnut
24036329	3/8" BSP	Hexagon Backnut
24036340	1/2" BSP	Hexagon Backnut
24036351	3/4" BSP	Hexagon Backnut
24036521	1/4" BSP	Solid Square Head Plug
24014431	3/8" BSP	Solid Square Head Plug
24014505	1/2" BSP	Solid Square Head Plug
24014516	3/4" BSP	Solid Square Head Plug

Hexagon Backnut



Hexagon Nipple (Reducing)



Barrel Nipple

