



AWAITING PRODUCT IMAGES

BOSS™

GM Bossed Screwed Flanges Table D/E

Data Sheet

General Description

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

Codes in range: ½" 86127528; ¾" 86127539;
1" 86127550; 1½" 86127572; 2" 86127583;
2½" 86127594; 3" 86127380.

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 BS10 (1960).

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:

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

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

