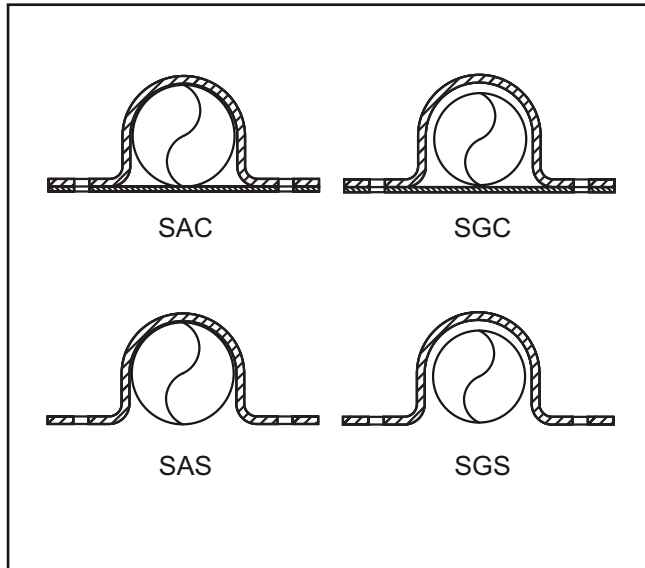


# PIPE SADDLE ANCHORS & GUIDES

## Models SA + SG



### APPLICATIONS

Saddle guides are designed to restrict the lateral movement of pipes within a pre-determined maximum. Saddle anchors are designed to clamp the pipe to prevent axial movement. Both are intended to accommodate small forces only. However, a heavier model to BS3974 is available for steel pipes only upon request.

These models are either self colour, zinc plated or nylon coated pressed steel, and can be used accordingly on steel, stainless steel and copper pipes for the following applications:-

- Low Temperature Heating (LTHW)
- Medium Temp. Heating (MTHW)
- High Temp. Heating (HTHW)
- Domestic Hot Water (DHW)
- Steam and Condensate

Pipe Size (mm)	Maximum Force (N)	Width x Thickness (mm)	Bolt Hole Diameter (mm)	Bolt Size To use	Product Code	
					(MODEL-SIZE)	(MODEL-SIZE)
15	230	25 x 3	7	M6	SAC-015	SGC-015
18	230	25 x 3	7	M6	SAC-018	SGC-018
22	230	25 x 3	7	M6	SAC-022	SGC-022
28	230	25 x 3	7	M6	SAC-028	SGC-028
35	230	25 x 3	7	M6	SAC-035	SGC-035
42	700	30 x 3	11	M10	SAC-042	SGC-042
54	700	30 x 3	11	M10	SAC-054	SGC-054
15	460	25 x 3	7	M6	SAS-015	SGS-015
20	460	25 x 3	7	M6	SAS-020	SGS-020
25	460	25 x 3	7	M6	SAS-025	SGS-025
32	1400	30 x 3	11	M10	SAS-032	SGS-032
40	1400	30 x 3	11	M10	SAS-040	SGS-040
50	1400	30 x 3	11	M10	SAS-050	SGS-050
BS3974 Heavy Type						
15	1400	35 x 5	12	M10	SAS(BS3974)-015	
20	1400	35 x 5	12	M10	SAS(BS3974)-020	
25	1400	35 x 5	12	M10	SAS(BS3974)-025	
32	2000	35 x 8	15	M12	SAS(BS3974)-032	
40	2000	35 x 8	15	M12	SAS(BS3974)-040	
50	2000	35 x 8	15	M12	SAS(BS3974)-050	

### SPECIFICATION

**SAC\*** - a nylon coated formed steel strap with fixing holes to suit copper pipe to BS2871 / EN1057. Designed to clamp the pipe.

**SGC\*** - a nylon coated formed steel strap with fixing holes to suit copper pipe to BS2871 / EN1057. Designed not to grip the pipe.

**SAS** - a self colour formed steel strap with fixing holes to suit steel pipe to BS1387 / EN10255. Designed to clamp the pipe. (Can also be welded to the pipe).

**SGS** - a BZP formed steel strap with fixing holes to suit steel pipe to BS1387 / EN10255. Designed not to grip the pipe.

\* Includes a polypropylene strip to prevent contact with steel supports beneath the pipe. Also suitable for steel and stainless steel pipes having the same outside diameter.

### OPERATING PARAMETERS

#### SAC and SGC models

- Upper Temperature Limit = 100 °C
- Lower Temperature Limit = 0 °C
- Coefficient of Static Friction = 0.18 (Saddle Guide only)

#### SAS and SGS models

- Upper Temperature Limit = 400 °C
- Lower Temperature Limit = 0 °C
- Coefficient of Static Friction = 0.3 (Saddle Guide only)

The maximum force in the table is to be taken as the maximum clamping force for Saddle Anchors and as the maximum lateral force for Saddle Guides.

Remember that model SAS can be welded to steel pipe, which will ultimately increase the strength of the anchor, possibly by 5 times.