

STO1 GS

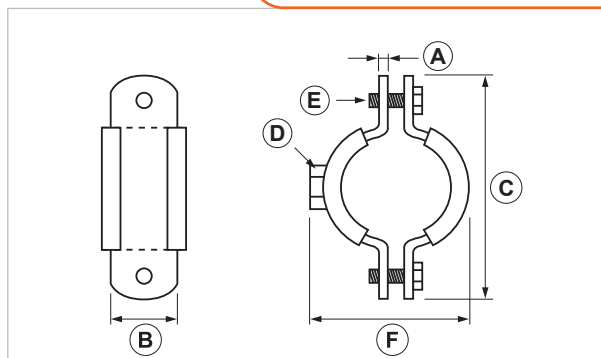
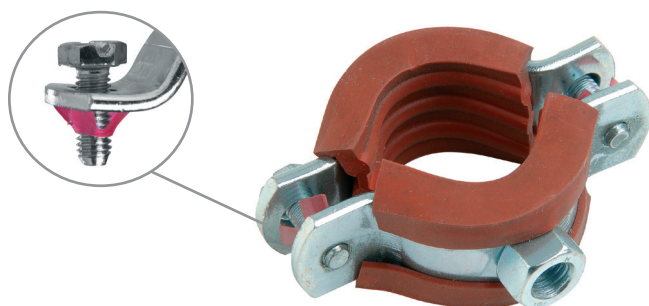
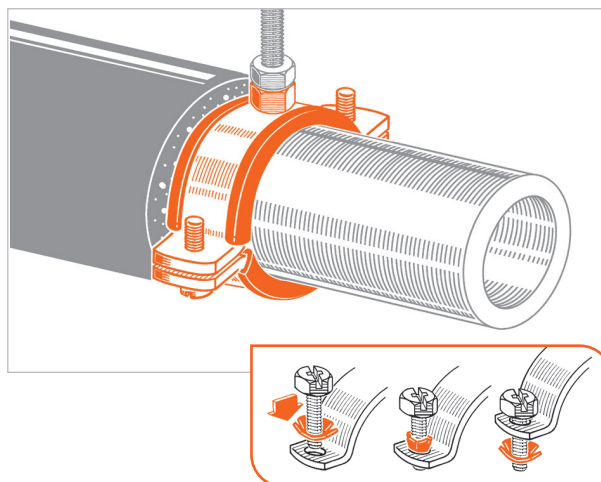
Heavy duty pipe clamp with silicone sheath

APPLICATION

Used to fasten pipe lines for steam, hot water and diathermic oil.

FEATURES AND BENEFITS

- > Thanks to the high quality of its materials and the electro-welded nut, it is a very **solid product**.
- > **Quick installation:** it is provided already assembled, with locking screws and red washers on. This assembly ensures an easy installation on the half-clamp, while preventing screws from getting lost during installation.
- > The strong red silicone sheath is designed to resist to high temperatures, **up to 200°C**.
- > **Reliable:** since the sheath covers the whole pipe clamp's outline, it insulates the pipe line completely.



COD	TYPE	For pipe lines Ø mm	A	B	C	D	E	F
086200	STO1GS 3/8"	12-18	2,5	20	58	M8	M6x20	37
086210	STO1GS 1/2"	19-23	3	20	64	M8	M6x20	42,5
086220	STO1GS 3/4"	25-30	3	20	72	M8	M6x20	47,5
086230	STO1GS 1"	33-38	3	20	81	M8	M6x20	57
086240	STO1GS 1 1/4"	39-44	3	20	88	M8	M6x20	63,5
086250	STO1GS 1 1/2"	45-49	3	20	97	M8	M6x20	70
086255	STO1GS 54	50-54	3	20	98	M8	M6x20	75
086260	STO1GS 2"	60-64	3	30	126	M10	M6x20	95
086270	STO1GS 2 1/2"	73-78	3	30	137	M10	M6x20	110
086280	STO1GS 3"	85-90	3	30	150	M10	M6x20	119
086285	STO1GS 3 1/2"	97-102	3	30	163	M10	M6x20	136
086290	STO1GS 4"	110-116	3	30	181	M10	M6x20	144
086293	STO1GS 5"	138-141	3	30	203	1/2"	M6x20	181
086295	STO1GS 6"	165-169	3	30	237	1/2"	M6x20	204

INSULATED PIPE CLAMPS

PIPE CLAMPS AND PIPE LINES FIXINGS

MATERIALS TECHNICAL DATA

PIPE CLAMP

Steel DD11 (material. N. 1.0332) DIN EN 10111 with electro zinc-plating 7-8 µm

JOINT THREADING

M8

LOCKING SCREW

Steel 4.8 EN ISO 898.1 with electro zinc-plating 7-8 µm
Hex head combined shear screw

SHEATH

Silicone, halogen free methyl-vinyl-polysiloxane

ACOUSTIC INSULATION

Noise reduction

TEMPERATURE

-60°C / +200°C

HARDNESS - SHORE A

50 + / - 5

BREAKAGE LOAD

6 MPa min.

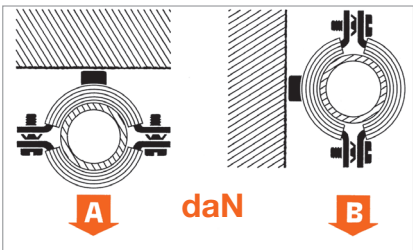
CONDUCTIVITY

0,3 W/Km

FIRE RESISTANCE

"E" EN 13501 Class

RECOMMENDED LOADS



Tests were carried out in technical laboratory with a dynamo-metric machine. For wall fixing, stick to the strength characteristics of the plug or the connecting support.
Recommended load is the average resistance loads with a safety coefficient.
Data in daN. 1 daN=1 kg.

TYPE	A	B	TYPE	A	B
STO1 GS - 3/8"	200	100	STO1 GS 3 1/2"	250	70
STO1 GS 1/2"	200	100	STO1 GS 4"	250	70
STO1 GS 3/4"	200	100	STO1 GS 5"	250	70
STO1 GS 1"	200	100	STO1 GS 6"	250	70
STO1 GS 1 1/4"	200	100			
STO1 GS 1 1/2"	200	100			
STO1 GS 54	200	100			
STO1 GS 2"	250	70			
STO1 GS 2 1/2"	250	70			
STO1 GS 3"	250	70			

INSULATED PIPE CLAMPS

PIPE CLAMPS AND PIPE LINES FIXINGS

PACKAGING

In cardboard box

RELATED ITEMS

> BF - Threaded rod

DATA 09-2022 REV. 01

The current technical data sheet substitutes and cancels the previous ones. The details provided fit our current knowledge of the product. It cannot lead us to any sort of responsibility or compensation.

Gia S.p.A. reserves the right of changing technical features and molds without notice.

This company is subject to "Ethica Global Investments S.p.A." management.

Gia S.p.A. – Via Sac. A. Cremona, 12 – 28069 Trecate (NO) – www.gia.it