



RFS HYDRAULICS
CREATING OPPORTUNITIES



GS HYDRO RETAIN RING

Features

- A ring or spring that sits in a machined groove on the pipe end connection.
- It is suitable to use in hydraulic system application, lubrication, hydrocarbon, high pressure air and water cleaning lines, mud cement as well as other pipeline systems.
- Retain ring system is installation flexible, inherently clean, highly reliable and cost-efficient.
- Fast and easy to prefabricate, assemble and install



GS Retain Rings

Specifications

ISO6162 / ISO6164

Material Specifications

SS302

Size Range

1/2" – 14"

Size Available

ANSI 36.10

ANSI 36.19

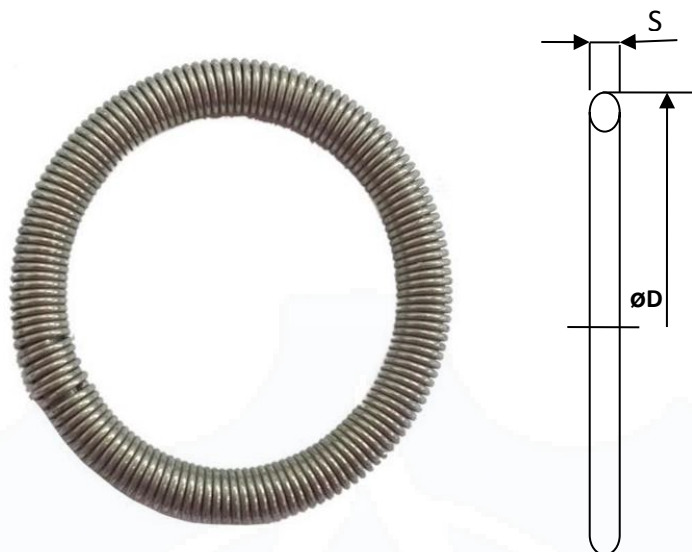
Metric size

Retain Ring System Technical Data

Description	SAE 3000	SAE 6000	ISO 6164
Working Pressure (bar)	210 - 350	420	210-690
Pipe Size (mm)	26 - 97	26 - 66	60.3 - 355.6
Pipe Thickness (mm)	6 - 12	6 - 8.5	11.04 - 41.4
Flange Size	1/2" - 3"	1/2" - 2"	2" - 12"

Retain Ring

ISO 6162 (SAE J 518)



Retain Ring for Metric Pipe Ends

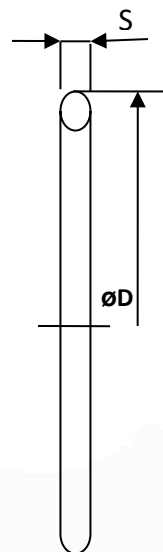
Size	Part No	Pipe Size	D	S
1/2"	08	26 x 6	30	4
3/4"	12	36 x 8	39.3	4
1"	16	39 x 7.5	44	5
1 1/4"	20	46 x 8	51	5
1 1/2"	24	56 x 8.5	61	5
2"	32	66 x 8.5	71	5
2 1/2"	40	80 x 10	85	5
3"	48	97 x 12	103	6

Retain Ring for ANSI 36.10/36.19 Pipe Ends

Size	Part No	Pipe Size	D	S
1/2"	08/21.3	21.3 x 7.5	25.5	4
3/4"	12/26.7	26.7 x 7.8	30.4	4
1"	16/33.4	33.4 x 9.1	38.4	5
1 1/4"	20/42.2	42.2 x 9.7	47.4	5
1 1/2"	24/48.3	48.3 x 10.2	53.4	5
2"	32/60.3	60.3 x 11.1	65.2	5
2 1/2"	40/73	73.0 x 14.02	77.9	5
3"	48/88.9	88.9 x 15.2	94.7	6

Retain Ring

ISO 6164



Retain Ring for Metric Pipe End

Size	Part No	Pipe Size	D	S
2"	32	66 x 8.5	71	5
2 1/2"	40	80 x 10	85	5
3"	48	97 x 12	103	6
4"	56	115 x 15	123	8
4 1/2"	60	130 x 15	138	8
5"	64	150 x 15	158	8
6"	80	190 x 20	200	10
8"	88	220 x 20	231.1	12
10"	96	250 x 25	262	12

Retain Ring for ANSI 36.10/36.19 Pipe End

Size	Part No	Pipe Size	D	S
2"	32/60.3	60.3	65.2	5
2 1/2"	40/73.0	73.0	77.9	5
3"	48/88.9	88.9	94.7	6
4"	56	114.3	122.3	8
5"	64/141.3	141.3	149.3	8
6"	80/168.3	168.3	178.3	10
8"	88	219.1	231.1	12
10"	160	273.0	285	12
12"	192/323.9	323.9		
14"	224/355.6	355.6		

RFS Hydraulics

Conditions of Use of Catalogue:

The information in the catalogue are not binding and in order to improve distribution, RFS Hydraulics Sdn Bhd reserves the right to make any change including size and pressure ratings considered necessary at any time and without prior notice. According to the copyright and the civil law, any reproduction (also partial) of figures and texts of this catalogue by means of electronic, mechanical, photocopies, microfilms, recordings or other is forbidden without RFS Hydraulics Sdn Bhd's authorization.

Catalogue Version: 2020