

# GS HYDRO

## GS Hydro Retain Ring



## GS Hydro Retain Rings

### 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



### Specifications

ISO6162 / ISO6164

### Material Specifications

SS302

### Size Range

1/2" – 14"

### Size Available

ANSI 36.10

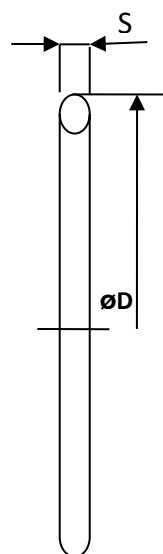
ANSI 36.19

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)**



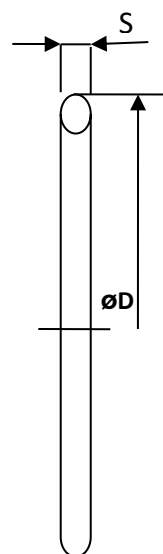
**Retain Ring for Metric Pipe Ends**

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		

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