



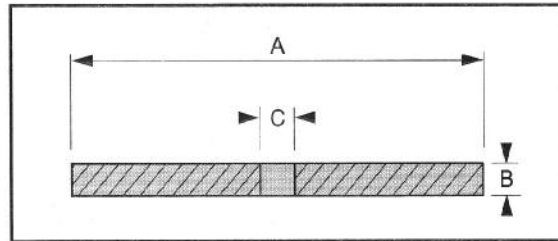
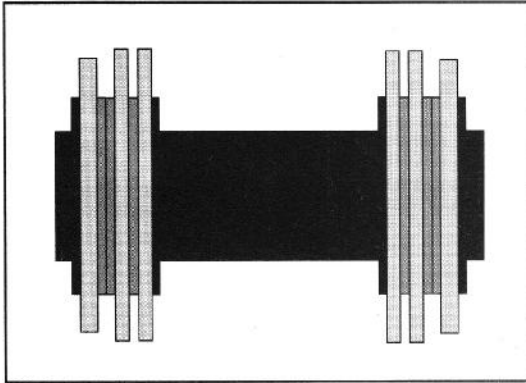
Polyurethane Guide / Sealing / Spacer Discs for Bidirectional Pigs

Replacement Parts for Steel Mandrel Pipeline Pigs by Girard Industries & other manufacturers

- **Made of liquid cast polyurethane.**
- **Outstanding cut and abrasion resistance.**
- **Center hole and bolt circle can be modified to fit ALL pig bodies.**
- **High tear strength.**
- **Disc OD can be sized to fit any pipeline ID.**
- **Custom disc thickness available.**



Sizes 4" - 12"

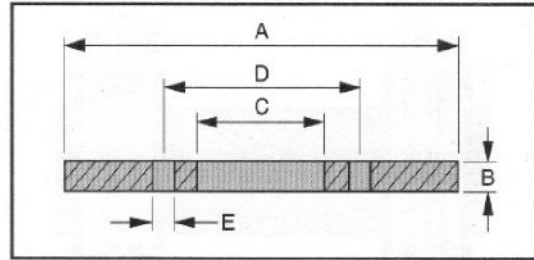
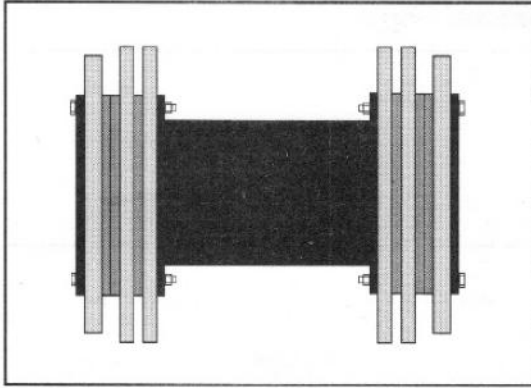


Size	Type	A	B	C	Approx. Weight
		OD	Thickness	Center Hole	
4"	Guide	4"	3/8"	9/16"	0.2 lbs
	Sealing	4 3/8"	1/4"	9/16"	0.2 lbs
	Spacer	2"	1/4"	9/16"	0.1 lbs
6"	Guide	6"	5/8"	1 1/16"	0.8 lbs
	Sealing	6 5/8"	3/8"	1 1/16"	0.6 lbs
	Spacer	3"	1/2"	1 1/16"	0.2 lbs
8"	Guide	8"	5/8"	1 1/16"	1.4 lbs
	Sealing	8 5/8"	1/2"	1 1/16"	1.3 lbs
	Spacer	4"	1/2"	1 1/16"	0.3 lbs
10"	Guide	10"	3/4"	1 1/16"	2.6 lbs
	Sealing	10 3/4"	5/8"	1 1/16"	2.5 lbs
	Spacer	6"	5/8"	1 1/16"	0.8 lbs
12"	Guide	12"	1.0"	1 1/16"	5.0 lbs
	Sealing	12 3/4"	5/8"	1 1/16"	3.5 lbs
	Spacer	7"	5/8"	1 1/16"	1.4 lbs

Note: sizes listed are subject to a tolerance of +/- 1/8"



Sizes 14" - 48"



Size	Type	A	B	C	D	E		Approx. Weight
		OD	Thickness	Center Hole	Bolt Circle	Bolt #	Size	
14"	Guide	13 1/4"	1"	4 3/4"	6 1/2"	6	9/16"	6.0 lbs
	Sealing	14"	5/8"	4 3/4"	6 1/2"	6	9/16"	4.2 lbs
	Spacer	10"	5/8"	4 3/4"	6 1/2"	6	9/16"	2.2 lbs
16"	Guide	15 1/4"	1 1/8"	8 7/8"	11"	8	9/16"	5.9 lbs.
	Sealing	16"	3/4"	8 7/8"	11"	8	9/16"	4.5 lbs.
	Spacer	13"	3/4"	8 7/8"	11"	8	9/16"	2.3 lbs.
16 CC	Guide	15 1/4"	1 1/8"	6 7/8"	8 1/2"	8	9/16"	7.3 lbs.
	Sealing	16"	3/4"	6 7/8"	8 1/2"	8	9/16"	5.5 lbs.
	Spacer	10 3/4"	3/4"	6 7/8"	8 1/2"	8	9/16"	2.4 lbs.
18"	Guide	17 1/4"	1 1/8"	11"	12 3/4"	8	9/16"	6.8 lbs.
	Sealing	18"	3/4"	11"	12 3/4"	8	9/16"	5.2 lbs.
	Spacer	14 3/4"	3/4"	11"	12 3/4"	8	9/16"	2.5 lbs.
18CC	Guide	17 1/4"	1 1/8"	8 7/8"	10 1/2"	12	9/16"	8.5 lbs.
	Sealing	18"	3/4"	8 7/8"	10 1/2"	12	9/16"	6.4 lbs.
	Spacer	12 3/4"	3/4"	8 7/8"	10 1/2"	12	9/16"	2.2 lbs.
20"	Guide	19 1/4"	1 1/4"	11"	13 1/2"	12	9/16"	10.7 lbs.
	Sealing	20"	1"	11"	13 1/2"	12	9/16"	9.5 lbs.
	Spacer	15 1/2"	1"	11"	13 1/2"	12	9/16"	4.1 lbs.
20 CC	Guide	19 1/4"	1 1/4"	8 7/8"	10 1/2"	12	9/16"	12.6 lbs.
	Sealing	20"	1"	8 7/8"	10 1/2"	12	9/16"	11.1 lbs.
	Spacer	12 3/4"	1"	8 7/8"	10 1/2"	12	9/16"	2.9 lbs.



Size	Type	A	B	C	D	E		Approx. Weight
		OD	Thickness	Center Hole	Bolt Circle	Bolt #	Size	
24"	Guide	23 1/4"	1 1/4"	14 1/4"	16 1/2"	14	9/16"	14.4 lbs.
	Sealing	24"	1"	14 1/4"	16 1/2"	14	9/16"	12.8 lbs.
	Spacer	18 1/2"	1"	14 1/4"	16 1/2"	14	9/16"	4.8 lbs.
24 CC	Guide	23 1/4"	1 1/4"	11"	13"	14	9/16"	18.2 lbs.
	Sealing	24"	1"	11"	13"	14	9/16"	14.0 lbs.
	Spacer	15"	1"	11"	13"	14	9/16"	3.6 lbs.
26"	Guide	25 1/4"	1 1/4"	14 1/4"	16 1/2"	14	9/16"	18.6 lbs.
	Sealing	26"	1"	14 1/4"	16 1/2"	14	9/16"	16.2 lbs.
	Spacer	18 1/2"	1"	14 1/4"	16 1/2"	14	9/16"	4.8 lbs.
28"	Guide	27 1/4"	1 1/2"	15 1/4"	18"	14	9/16"	26.1 lbs.
	Sealing	28"	1 1/8"	15 1/4"	18"	14	9/16"	21.2 lbs.
	Spacer	20 1/2"	1 1/8"	15 1/4"	18"	14	9/16"	7.2 lbs.
30"	Guide	29 1/4"	1 5/8"	16 1/4"	19 1/2"	16	9/16"	33.2 lbs.
	Sealing	30"	1 1/4"	16 1/4"	19 1/2"	16	9/16"	27.5 lbs.
	Spacer	21 1/2"	1 1/4"	16 1/4"	19 1/2"	16	9/16"	8.6 lbs.
30 CC	Guide	29 1/4"	1 5/8"	14 1/2"	18"	18	9/16"	36.3 lbs.
	Sealing	30"	1 1/4"	14 1/2"	18"	18	9/16"	29.8 lbs.
	Spacer	20 1/4"	1 1/4"	14 1/2"	18"	18	9/16"	8.7 lbs.
32"	Guide	31 1/4"	1 5/8"	16 1/4"	19 1/2"	16	9/16"	40.0 lbs.
	Sealing	32"	1 1/4"	16 1/4"	19 1/2"	16	9/16"	32.9 lbs.
	Spacer	21 1/2"	1 1/4"	16 1/4"	19 1/2"	16	9/16"	8.6 lbs.
34"	Guide	33 1/4"	1 5/8"	20 1/4"	23"	18	9/16"	39.2 lbs.
	Sealing	34"	1 1/4"	20 1/4"	23"	18	9/16"	32.3 lbs.
	Spacer	25 1/4"	1 1/4"	20 1/4"	23"	18	9/16"	9.9 lbs.
36"	Guide	35 1/4"	1 3/4"	22 1/4"	25"	22	9/16"	44.6 lbs.
	Sealing	36"	1 1/4"	22 1/4"	25"	22	9/16"	34.2 lbs.
	Spacer	27 1/2"	1 1/4"	22 1/4"	25"	22	9/16"	11.2 lbs.
36 CC	Guide	35 1/4"	1 3/4"	16 1/2"	20"	22	9/16"	58.7 lbs.
	Sealing	36"	1 1/4"	16 1/2"	20"	22	9/16"	44.3 lbs.
	Spacer	22 1/4"	1 1/4"	16 1/2"	20"	22	9/16"	9.7 lbs.
40"	Guide	39 1/4"	1 3/4"	22 1/4"	26"	24	5/8"	62.5 lbs.
	Sealing	40"	1 3/8"	22 1/4"	26"	24	5/8"	52.0 lbs.
	Spacer	28 1/2"	1 3/8"	22 1/4"	26"	24	5/8"	15.0 lbs.



Size	Type	A	B	C	D	E		Approx. Weight
		OD	Thickness	Center Hole	Bolt Circle	Bolt #	Size	
42"	Guide	41 1/4"	2"	24 1/2"	30"	24	5/8"	76.0 lbs.
	Sealing	42"	1 3/8"	24 1/2"	30"	24	5/8"	55.4 lbs.
	Spacer	32 1/2"	1 3/8"	24 1/2"	30"	24	5/8"	22.1 lbs.
48"	Guide	47 1/4"	2 3/8"	32 1/4"	36"	24	5/8"	96.8 lbs.
	Sealing	48"	1 1/2"	32 1/4"	36"	24	5/8"	64.7 lbs.
	Spacer	38 1/2"	1 1/2"	32 1/4"	36"	24	5/8"	22.7 lbs.

Note: sizes listed are subject to a tolerance of +/- 1/8"