



# Grooved Angle Pad

## Model: SDG-24

SHIELD SDG-24 is designed for maximum working pressure of 500psi. The flexibility benefits of this coupling can be used in applications where high pressure is not required.

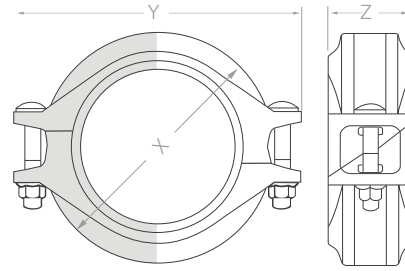


## Product Specifications:

Available Size	1 1/4" - 10"
Material	Ductile Iron to ASTM A536 Grade 65-45-12
Max. Working Pressure	500psi
Application	Water, HVAC & Fire-Fighting
Coating Finish	Red Painted, Hot Dipped Galvanized
Bolts & Nuts	Carbon Steel ISO 898-1 Class 8.8 heat treated, Hot Dipped Galvanized Nuts & Bolts
Gasket	EPDM Rubber C Shaped Gasket conforms to ASTM D2000-1, Grade A
Lubricants	Use silicon based non-petroleum lubricants on the lips and outside back
Approvals/Listings	 

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## Product Dimensions:



SDG-24  
Angle Pad

Nominal Size	Pipe O.D.	Max. Working Pressure	Dimensions			Bolt/Nut No. - Size
			X mm	Y mm	Z mm	
Inch	mm	psi				mm
1¼	42.4	500	64.0	99.0	46.5	2-M10 x 55
1½	48.3	500	70.0	105.0	46.5	2-M10 x 55
2	60.3	500	85.0	121.0	46.5	2-M10 x 55
2½	73.0	300	99.0	134.0	47.5	2-M10 x 63
3 O.D.	76.1	500	102.0	137.0	47.5	2-M10 x 63
3	88.9	500	115.0	150.0	47.5	2-M10 x 60
4	114.3	500	142.0	180.0	50.0	2-M10 x 65
5½ O.D.	139.7	300	171.0	214.0	52.5	2-M12 x 75
6½ O.D.	165.1	300	198.0	242.0	52.5	2-M12 x 75
6	168.3	300	201.0	245.0	52.5	2-M12 x 75
8	219.1	300	258.0	331.0	63.5	2-M20 x 110
10	273.0	300	321.0	406.0	64.5	2-M22 x 140

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## Miscellaneous Data:

### 1. Ordering Information

Example: SDG24-1-1-4

- SDG24 is the part number
- (1) Red Painted Coating (2) Hot Dipped Galvanized Coating
- (1) Carbon Steel bolts & nuts (2) Hot Dipped Galvanized bolts & nuts
- (4) Size

### 2. Installation Instruction

Refer to <https://www.naffcoflow.com/wp-content/uploads/2023/04/OM-Manual-v0722-14.pdf>

### 3. Contact Information

For further information on any aspect of the SHIELD Grooved Fittings please contact below:

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