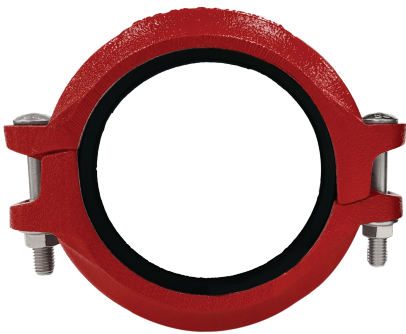





Grooved Rigid Coupling

Model: SDG-20 Light

SHIELD SDG-20 provides rigid joints to prevent liner movement of the pipe assembly. With a unique ends locked design SDG 20 coupling can be used when the application or design call for rigid instructions.

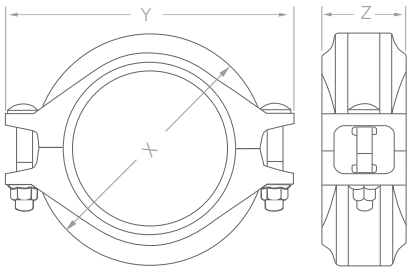


Product Specifications:

Available Size	3" - 10"
Material	Ductile Iron to ASTM A536 Grade 65-45-12
Max. Working Pressure	350psi
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-petroluem lubricants on the lips and outside back
Approvals/Listings	<div>    </div>

Grooved Rigid Coupling

Product Dimensions:



SDG-20

Rigid Coupling - Light

Nominal Size	Pipe O.D.	Max. Working Pressure	Dimensions			Bolt/Nut No. - Size
Inch	mm	psi	X mm	Y mm	Z mm	mm
3	88.9	350	114.0	160.0	45.0	2-M10 x 57
4¼ O.D.	108.0	300	135.0	185.0	50.0	2-M12 x 70
4	114.3	350	140.0	192.0	46.5	2-M12 x 70
5½ O.D.	139.7	350	168.0	225.0	50.0	2-M12 x 76
5	141.3	350	170.0	225.0	50.0	2-M12 x 76
6¼ O.D.	159.0	300	190.0	252.0	50.0	2-M16 x 85
6½ O.D.	165.1	350	195.0	250.0	50.0	2-M12 x 76
6	168.3	350	200.0	255.0	50.0	2-M12 x 76
-	216.3	300	255.0	320.0	58.0	2-M16 x 85
8	219.1	350	255.0	324.0	58.0	2-M16 x 85
10	273.0	300	318.0	410.0	63.0	2-M20 x 115

Grooved Rigid Coupling

Miscellaneous Data:

1. Ordering Information

Example: SDG20-1-1-4

- SDG20 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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