

Grooved Couplings, Fittings & Valves





QUALITY

- Manufacturing facility is ISO 9001:2008
- Quality inspections both at the overseas factory and our USA warehouses
- UL Listed & FM Approved – sizes up to 12"

SERVICE

- Dedicated COOPLOK™ customer service staff
- Timely shipment of orders
- Faxed confirmation of every order
- Excellent fill rate
- ProPak™ System makes products easier to handle and warehouse

TRACEABILITY

- The  logo is on all fittings, couplings, bolts, and gaskets
- Canadian Registration Number (CRN) available at www.smithcooper.com
(does not include fabricated fittings)

AVAILABILITY

- Stocked in orange paint or hot dipped galvanized
- Stocked throughout the USA – sizes 1" to 24"

PROTECTION

- USA engineering staff available
- \$25,000,000 product liability insurance

Housing	• Ductile Iron conforming to ASTM A-536, Grade 65-45-12
Coatings	• Orange paint • Hot dipped galvanized conforming to ASTM A-153
Hardware	• Electroplated track bolts conforming to ASTM A-183 with a minimum tensile strength of 110,000 psi • 100% magnetic particle inspection of each bolt
Gaskets	• Grade E - EPDM (green stripe): Temperature Range: -30°F (-34°C) to +230°F (+110°C) • Grade T - Nitrile (orange stripe): Temperature Range: -20°F (-29°C) to +180°F (+82°C) • Grade O - Fluoroelastomer (blue stripe): Temperature Range: +20°F (-6°C) to +300°F (+149°C)
Grooves	• Dimensions to AWWA C-606
For Use With	• IPS Carbon & Stainless Steel Pipe

Please see complete installation instructions at www.smithcooper.com for important guidelines and limitations on the use and applications of SCI COOPLOK™ Grooved Couplings and Fittings.



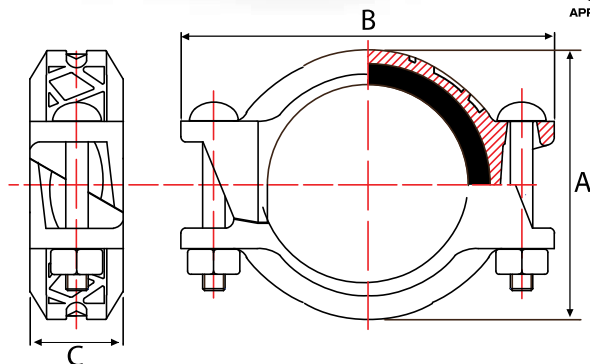
Standard Weight Rigid Couplings



Fig. 65SR & 66SR

Standard Weight Rigid Coupling with "C" Gasket

- Maximum working pressure depending on coupling size and schedule of pipe:
 - 1" to 6" - 1000 psi (68.9 bar)
 - 8" - 800 psi (55.1 bar)
 - 10" & 12" - 600 psi (41.3 bar)
 - 14" to 20" - 300 psi (20.6 bar)
 - 24" - 250 psi (17.2 bar)
- UL Listed & FM Approved – 1" thru 12"
- All housings, gaskets and bolts identified by SCI logo
- Gasket Grade E - EPDM (green stripe) -30°F (-34°C) to +230°F (+110°C)
- Gasket Grade T - Nitrile (orange stripe) -20°F (-29°C) to +180°F (+82°C)
- Gasket Grade O - Fluoroelastomer (blue stripe) +20°F (-6°C) to +300°F (+149°C)
- Ductile iron housings conform to ASTM A-536 Grade 65-45-12
- Groove dimensions to AWWA C-606
- Finishes: Orange enamel paint
 - Hot dipped galvanized conforming to ASTM A-153
- Smith-Cooper Warranty only applies to assemblies made with housings, gaskets and bolts carrying the logo



"C" Style Gasket

Pipe Size in / mm	Part Number		Pipe OD in / mm	Max Pipe End Gap in / mm	Dimensions			Number of Sections	Case Qty	Weight lb / kg
	Painted	Galvanized			A in / mm	B in / mm	C in / mm			
1 25	65SR3010	66SR3010	1.315 33.7	1/16 1.6	2.34 59.5	3.94 100.0	1.73 44.0	2	26	1.3 0.6
1-1/4 32	65SR3012	66SR3012	1.660 42.2	1/16 1.6	2.74 69.5	4.25 108.0	1.85 47.0	2	32	1.6 0.7
1-1/2 40	65SR3014	66SR3014	1.900 48.3	1/16 1.6	2.97 75.5	4.49 114.0	1.85 47.0	2	32	1.7 0.8
2 50	65SR3020	66SR3020	2.375 60.3	1/16 1.6	3.48 88.5	4.88 124.0	1.89 48.0	2	24	2.2 1.0
2-1/2 65	65SR3024	66SR3024	2.875 73.0	1/16 1.6	4.00 101.5	4.79 147.0	1.89 48.0	2	16	2.8 1.3
3 80	65SR3030	66SR3030	3.500 88.9	1/16 1.6	4.59 116.5	6.38 162.0	1.89 48.0	2	16	3.2 1.4
4 100	65SR3040	66SR3040	4.500 114.3	1/8 3.2	5.87 149.0	7.72 196.0	2.09 53.0	2	10	5.0 2.2
5 125	65SR3050	66SR3050	5.563 141.3	1/8 3.2	6.95 176.5	9.29 236.0	2.09 53.0	2	6	6.7 3.0
6 150	65SR3060	66SR3060	6.625 168.3	1/8 3.2	8.15 207.0	10.55 268.0	2.09 53.0	2	5	8.1 3.7
8 200	65SR3080	66SR3080	8.625 219.1	1/8 3.2	10.24 260.0	13.23 336.0	2.56 65.0	2	-	14.3 6.5
10 250	65SR3100	66SR3100	10.750 273.0	1/8 3.2	12.71 323.0	15.82 402.0	2.56 65.0	2	-	20.7 9.4
12 300	65SR3120	66SR3120	12.750 323.9	1/8 3.2	14.92 379.0	18.03 458.0	2.56 65.0	2	-	25.4 11.5
14 350	65SR3140	66SR3140	14.000 355.6	1/8 3.2	16.02 407.0	19.45 494.0	2.87 73.0	3	-	33.5 15.2
16 400	65SR3160	66SR3160	16.000 406.4	1/8 3.2	18.03 458.0	21.50 546.0	2.87 73.0	3	-	36.9 16.7
18 450	65SR3180	66SR3180	18.000 457.6	1/8 3.2	20.16 512.0	23.46 596.0	2.99 76.0	3	-	9.4 17.9
20 500	65SR3200	66SR3200	20.000 508.0	1/8 3.2	22.13 562.0	26.06 662.0	3.07 78.0	4	-	53.9 24.5
24 600	65SR3240	66SR3240	24.000 609.6	1/8 3.2	26.14 664.0	30.08 764.0	3.07 78.0	4	-	69.0 31.3

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