

# 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](http://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

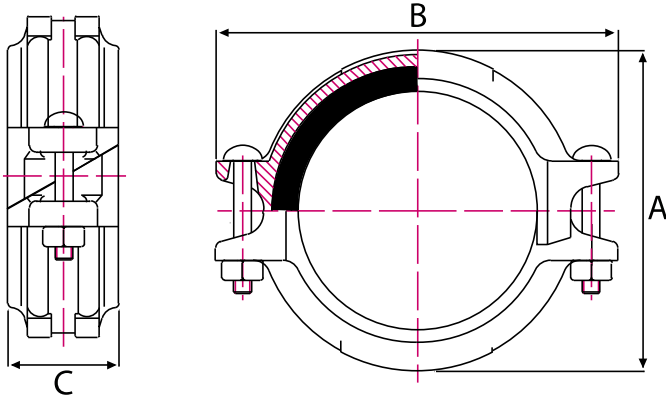
<b>Housing</b>	• Ductile Iron conforming to ASTM A-536, Grade 65-45-12
<b>Coatings</b>	• Orange paint • Hot dipped galvanized conforming to ASTM A-153
<b>Hardware</b>	• Electroplated track bolts conforming to ASTM A-183 with a minimum tensile strength of 110,000 psi • 100% magnetic particle inspection of each bolt
<b>Gaskets</b>	• 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)
<b>Grooves</b>	• Dimensions to AWWA C-606
<b>For Use With</b>	• IPS Carbon & Stainless Steel Pipe

*Please see complete installation instructions at [www.smithcooper.com](http://www.smithcooper.com) for important guidelines and limitations on the use and applications of SCI COOPLOK™ Grooved Couplings and Fittings.*



**Fig. 65LR & 66LR**  
**Lightweight Rigid Coupling with "C" Gasket**

- Maximum working pressure 500 psi (34.5 bar) depending on coupling size and schedule of pipe
- All housings, gaskets and bolts identified by SCI logo
- 100% magnetic particle inspection of each bolt
- Each bolt has a minimum tensile strength of 110,000 psi
- 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 SCI logo



Pipe Size in / mm	Part Number		Pipe OD in / mm	Max Pipe End Gap in / mm	Dimensions			Case Qty	Weight lb / kg
	Painted	Galvanized			A	B	C		
1-1/4 32	65LR3012	66LR3012	1.660 42.2	1/16 1.6	2.66 67.6	4.09 103.9	1.85 47.0	24	1.3 0.6
1-1/2 40	65LR3014	66LR3014	1.900 48.3	1/16 1.6	2.93 74.4	4.37 111.0	1.85 47.0	36	1.4 0.6
2 50	65LR3020	66LR3020	2.375 60.3	1/16 1.6	3.44 87.4	4.80 121.9	1.85 47.0	30	1.7 0.8
2-1/2 65	65LR3024	66LR3024	2.875 73.0	1/16 1.6	3.96 100.6	5.28 134.1	1.85 47.0	24	2.0 0.9
3 80	65LR3030	66LR3030	3.500 88.9	1/16 1.6	4.55 115.6	5.91 150.1	1.85 47.0	20	2.2 1.0
4 100	65LR3040	66LR3040	4.500 114.3	1/8 3.2	5.83 148.1	7.28 184.9	2.01 51.1	10	3.4 1.5
5 125	65LR3050	66LR3050	5.563 141.3	1/8 3.2	6.87 174.5	8.62 218.9	2.01 51.1	8	4.4 2.0
6 150	65LR3060	66LR3060	6.625 168.3	1/8 3.2	8.03 204.0	9.76 247.9	2.01 51.1	6	5.4 2.4
8 200	65LR3080	66LR3080	8.625 219.1	1/8 3.2	10.16 258.1	12.52 318.0	2.52 64.0	-	10.5 4.8

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