

# JCM INDUSTRIES

First with Innovative - State of the Art - Advanced Designs

## MORE CHOICES

Threaded Plug  
Push Plug/Pin  
Carbon Steel  
Stainless Steel  
Carbon/Stainless  
Bolt On  
Weld On  
Mechanical Joint  
Full Gasket Design  
Outlet Gasket Design



## MORE OPTIONS

Epoxy Coat  
Shop Coat  
Alloy Hardware  
Stainless Hardware  
Epoxy Hardware  
304 Stainless Steel  
316 Stainless Steel  
Gaskets



## MORE FEATURES

Line Stop Accuracy  
Certifiable Materials  
Rugged Design  
Safety Factor  
Up to 250 PSI  
Adapts to popular  
line stop machines  
Sizes 4" and larger



The JCM Line Stop Sleeve Family offers more selection in fitting styles, materials, coatings and hardware than any other manufacturer in the industry. State of the art design features offer a solid, durable connection for even the most aggressive line stopping procedures.

Field Proven - The Contractor's Choice  
Meeting your application, specification and expectation.





JCM Line Stop Fittings are the number one choice of professional, line stopping contractors. They know they can depend on JCM fitting fabrication quality, machine tolerance accuracy and unmatched availability.





# JCM 440 Line Stop Sleeves

## 440 Type Material Specifications

### All 440 Line Stop Fitting Types:

<b>Line Stop Plug:</b>	Ductile Iron per ASTM A536
<b>Plug O-Ring:</b>	Nitrile (NBR, Buna-N) Rubber - Gasket temperature range -40° to 180°F (-40°C to 82°C).
<b>Blind Flange:</b>	150#, ASTM A36 Carbon Steel, Epoxy Coated
<b>Blind Flange Gasket:</b>	Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
<b>Push Plug/Pin Hardware:</b>	SAE Grade 8

<b>440 Type 1</b> <b>440 Type 11</b>	<b>Body:</b> Stainless Steel, 18-8 Type 304 <b>Flange:</b> ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Type 304 Stainless Steel, recess for tapping valve MSS-SP60 <b>Bolts:</b> Stainless Steel 18-8 Type 304. <b>Gasket:</b> Full circumferential Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
<b>440 Type 2</b> <b>440 Type 12</b>	<b>Body:</b> ASTM A285 Grade C or A36 Carbon Steel or Equal <b>Flange:</b> ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel, recess for tapping valve MSS-SP60 <b>Bolts:</b> ASTM A242 corrosion resistant high strength, low alloy (per ANSI 21.11/AWWA C-111). Optional Stainless Steel 18-8 Type 304 or 316 available. <b>Finish:</b> Heavy coat of corrosion resistant shop coat primer. Optional fusion applied Epoxy Coating per ANSI/AWWA C213 Standard. <b>Gasket:</b> Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydro mechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82°C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.
<b>440 Type 3</b> <b>440 Type 13</b>	<b>Body:</b> Stainless Steel, 18-8 Type 304 <b>Flange:</b> ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Type 304 Stainless Steel, recess for tapping valve MSS-SP60 <b>Bolts:</b> Stainless Steel 18-8 Type 304. <b>Gasket:</b> Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydro mechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82°C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.
<b>440 Type 4</b> <b>440 Type 14</b>	<b>Body:</b> Stainless Steel, 18-8 Type 304 <b>Flange:</b> ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel, recess for tapping valve MSS-SP60, shop coat for corrosion resistance. <b>Bolts:</b> Stainless Steel 18-8 Type 304. <b>Gasket:</b> Full circumferential Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
<b>440 Type 5</b> <b>440 Type 15</b>	<b>Body:</b> Stainless Steel, 18-8 Type 304 <b>Flange:</b> ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel, recess for tapping valve MSS-SP60, shop coat for corrosion resistance. <b>Bolts:</b> Stainless Steel 18-8 Type 304. <b>Gasket:</b> Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydro mechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82° C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.

## JCM Line Stop Fittings with Full Circumferential Gasket

The 440 Line Stop Sleeve Family offers the sleeve you need for the application. As the **NUMBER ONE** choice of contractors, JCM continues to meet the challenge of field application requirements with product design, material selection and delivery expectations.

JCM 440 Line Stop Family continues to grow with advanced designs, material combinations and numerous options to fit your application.



JCM's patented Line Stop Sleeves adapt to popular line stop machines and can be rated up to 250 PSI.

JCM Line Stop Sleeves with Full Circumferential Gasket are designed for applications in which the pipe is susceptible to breaking during or after the tapping/line stop procedure. JCM 440 Line Stops with Full Circumferential Gasket are offered in two fabricated material combinations: All Stainless Steel or Stainless Steel with Carbon Steel Outlet.

Both sleeves are offered with either the "threaded plug" design or the "push plug" design.

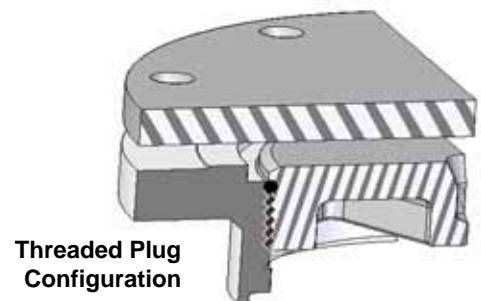
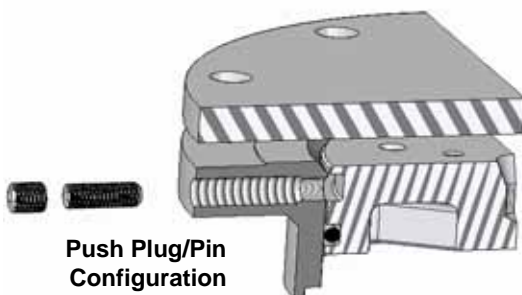
### JCM 440 Line Stop Sleeves with Full Circumferential Gasket Material Specifications

<b>Line Stop Plug:</b>	Ductile Iron per ASTM A536
<b>Plug O-Ring:</b>	Nitrile (NBR, Buna-N) Rubber - Gasket temperature range -40° to 180°F (-40°C to 82°C).
<b>Blind Flange:</b>	150#, ASTM A36 Carbon Steel, Epoxy Coated
<b>Blind Flange Gasket:</b>	Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
<b>Push Plug/Pin Hardware:</b>	SAE Grade 8
<b>  Bolts:</b>	Stainless Steel 18-8 Type 304.
<b>  Body:</b>	Stainless Steel, 18-8 Type 304
<b>Body Gasket:</b>	Full circumferential virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C)..

440 Line Stop Sleeve	Outlet Material Options for Stainless Steel Full Circumferential Gasket Sleeve
	<p><b>JCM 440 Type 1 - All Stainless Steel with Full Circumferential Gasket - Threaded Plug</b>  <b>JCM 440 Type 11 - All Stainless Steel with Full Circumferential Gasket - Push Plug/Pin</b></p> <p><b>Outlet Material: ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Type 304 Stainless Steel, recess for tapping valve MSS-SP60</b></p>
	<p><b>JCM 440 Type 4 - Stainless Steel Carbon Steel Outlet Full Circumferential Gasket - Threaded Plug</b>  <b>JCM 440 Type 14 - Stainless Steel Carbon Steel Outlet Full Circumferential Gasket - Push Plug/Pin</b></p> <p><b>Outlet Material: ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel, recess for tapping valve MSS-SP60, shop coated for corrosion resistance. Optional: Fusion applied epoxy coating.</b></p>

1. Determine O.D. of pipe
2. Select proper sleeve number
3. Select proper outlet size
4. Select proper outlet plug type code (threaded or push/pin)
5. Add Outlet Type Code (T1 or T11)

Example: For Ductile Iron with 6.90 O.D. with threaded plug, order: 440-0690 T1





**JCM 440 Type 1 Line Stop with Full Circumferential Gasket - Threaded Plug**  
**JCM 440 Type 11 Line Stop with Full Circumferential Gasket - Push Plug/Pin**  
**All Stainless Steel Construction - Full Circumferential Gasket**

Recommended for: cast iron, ductile iron, asbestos cement, PVC and other types of pipe susceptible to breakage.

NOMINAL PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X OUTLET SIZE X PLUG CODE	OUTLET SIZE	THREADED PLUG TYPE CODE	PUSH PLUG/PIN TYPE CODE	APPROX. WEIGHT (LBS.)
4	4.40 - 4.60	440-0450	x 4	T1	T11	56
	4.50 - 4.80	440-0465		T1	T11	
	4.74 - 5.00	440-0480		T1	T11	
	5.10 - 5.30	440-0520		T1	T11	
6	6.56 - 6.76	440-0663	x 4	T1	T11	63 81
	6.84 - 7.10	440-0690		T1	T11	
	7.05 - 7.25	440-0720	x 6	T1	T11	
	7.40 - 7.65	440-0745		T1	T11	
8	8.54 - 8.74	440-0863	x 6	T1	T11	86 132
	8.60 - 9.05	440-0900		T1	T11	
	8.98 - 9.30	440-0905	x 8	T1	T11	
	9.27 - 9.50	440-0940		T1	T11	
10	9.83 - 10.25	440-1000	x 8 x10	T1	T11	126 192
	10.64 - 10.86	440-1075		T1	T11	
	11.03 - 11.40	440-1110		T1	T11	
	11.36 - 11.80	440-1140		T1	T11	
	11.85 - 12.15	440-1200		T1	T11	
12	12.62 - 12.85	440-1275	x 8 x 12	T1	T11	144 269
	12.75 - 13.20	440-1300		T1	T11	
	13.12 - 13.50	440-1320		T1	T11	
	13.70 - 14.09	440-1392		T1	T11	
	14.10 - 14.35	440-1420		T1	T11	



**JCM 440 Type 4 Line Stop Full Circumferential Gasket - Threaded Plug**  
**JCM 440 Type 14 Line Stop Full Circumferential Gasket - Push Plug/Pin**  
**Stainless Steel Body - Carbon Steel Outlet - Full Circumferential Gasket**




Recommended for: cast iron, ductile iron, asbestos cement, PVC and other types of pipe susceptible to breakage.

NOMINAL PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X OUTLET SIZE X PLUG CODE	OUTLET SIZE	THREADED PLUG TYPE CODE	PUSH PLUG/PIN TYPE CODE	APPROX. WEIGHT (LBS.)
4	4.40 - 4.60	440-0450	x 4	T4	T14	56
	4.50 - 4.80	440-0465		T4	T14	
	4.74 - 5.00	440-0480		T4	T14	
	5.10 - 5.30	440-0520		T4	T14	
6	6.56 - 6.76	440-0663	x 4	T4	T14	63 81
	6.84 - 7.10	440-0690		T4	T14	
	7.05 - 7.25	440-0720	x 6	T4	T14	
	7.40 - 7.65	440-0745		T4	T14	
8	8.54 - 8.74	440-0863	x 6	T4	T14	86 132
	8.60 - 9.05	440-0900		T4	T14	
	8.98 - 9.30	440-0905	x 8	T4	T14	
	9.27 - 9.50	440-0940		T4	T14	
10	9.83 - 10.25	440-1000	x 8 x 10	T4	T14	126 192
	10.64 - 10.86	440-1075		T4	T14	
	11.03 - 11.40	440-1110		T4	T14	
	11.36 - 11.80	440-1140		T4	T14	
	11.85 - 12.15	440-1200		T4	T14	
12	12.62 - 12.85	440-1275	x 8 x 12	T4	T14	144 269
	12.75 - 13.20	440-1300		T4	T14	
	13.12 - 13.50	440-1320		T4	T14	
	13.70 - 14.09	440-1392		T4	T14	
	14.10 - 14.35	440-1420		T4	T14	

Other sleeve ranges and outlet sizes available upon request.

## JCM Line Stop Fittings with Outlet Seal Gasket

The JCM 440 Line Stop Fitting with Outlet Seal Gasket are fabricated for types of pipe that are not susceptible to breaking and for large diameter pipelines. JCM offers the broadest selection of material combination in the industry and can meet the exacting standards of your application. Fabrication materials include: carbon steel, carbon/stainless and all stainless steel. JCM patented Line Stop Sleeves adapt to popular line stop machines and can be rated up to 250 PSI. Other designs available: weld-on outlets and sleeves, mechanical joint sleeves, specialty configurations. All combinations are available with “threaded plug” design or “push plug” design.

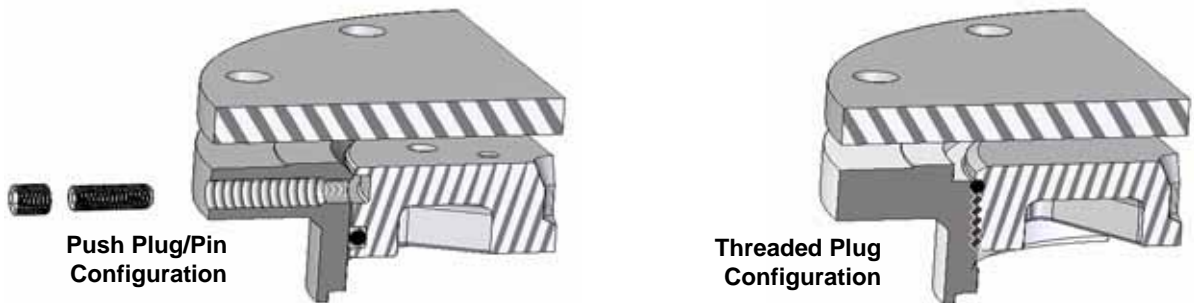
440 Line Stop Sleeve	Outlet Gasket Sleeve Description
	<p><b>JCM 440 Type 2 - Carbon Steel Construction - Outlet Seal Gasket - Threaded Plug</b>  <b>JCM 440 Type 12 - Carbon Steel Construction - Outlet Seal Gasket - Push Plug/pin</b></p> <p>Pipe Sizes: 4" - 20" and larger                      Optional epoxy coating per ANSI/AWWA Standard C213                      Optional Hardware 304 or 316 stainless                      Optional gasket materials.                      Recommended for: cast iron, ductile iron, C-900/C905 PVC, HDPE, steel</p>
	<p><b>JCM 440 Type 3 - All Stainless Steel Construction - Outlet Seal Gasket - Threaded Plug</b>  <b>JCM 440 Type 13 - All Stainless Steel Construction - Outlet Seal Gasket - Push Plug Pin</b></p> <p>Pipe Sizes: 4" - 20" and larger                      Optional gasket materials                      Recommended for: cast iron, ductile iron, C-900/C905 PVC, HDPE, steel</p>
	<p><b>JCM 440 Type 5 - Stainless Steel Body - Carbon Steel Outlet - Outlet Seal Gasket - Threaded Plug</b>  <b>JCM 440 Type 15 - Stainless Steel Body - Carbon Steel Outlet - Outlet Seal Gasket - Push Plug Pin</b></p> <p>Pipe Sizes: 4" - 20" and larger                      Optional gasket materials                      Recommended for: cast iron, ductile iron, C-900/C905 PVC, HDPE, steel</p>

**How To Order:**

1. Determine O.D. of pipe
2. Select proper sleeve number
3. Select proper outlet size
4. Select proper outlet plug type code (threaded or push/pin)
5. Add Outlet Type Code (T2 or T12)

Example: For Ductile Iron with 6.90 O.D. with threaded plug, order: 440-0690 T2

Other sleeve size and outlet size combinations available upon request.



**JCM 440 Type 2 - Carbon Steel - Outlet Seal Gasket - Threaded Plug  
JCM 440 Type 12 - Carbon Steel - Outlet Seal Gasket - Push Plug/Pin**

Furnished standard shopcoat with alloy hardware



- Line Stop Plug:** Ductile Iron per ASTM A536
- Plug O-Ring:** Nitrile (NBR, Buna-N) Rubber - Gasket temperature range -40° to 180°F (-40°C to 82°C).
- Blind Flange:** 150#, ASTM A36 Carbon Steel, Epoxy Coated
- Blind Flange Gasket:** Styrene-Butadiene Rubber (SBR) - for use with water, salt solutions, mild acids and bases. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
- Push Plug/Pins:** SAE Grade 8
- Outlet Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82°C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.
- Body:** ASTM A285 Grade C or A36 Carbon Steel or Equal
- Flange:** ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel  
Flange recess for tapping valve MSS-SP60
- Bolts:** ASTM A242 corrosion resistant high strength, low alloy (per ANSI 21.11/AWWA C-111).  
Optional Stainless Steel 18-8 Type 304 or 316 available.

**JCM 440 Type 2 - Carbon Steel - Outlet Seal Gasket - Threaded Plug  
JCM 440 Type 12 - Carbon Steel - Outlet Seal Gasket - Push Plug/Pin**

NOMINAL PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X OUTLET SIZE X PLUG CODE	OUTLET SIZE	THREADED PLUG TYPE CODE	PUSH PLUG/PIN TYPE CODE	APPROX. WEIGHT (LBS.)
4	4.50	440-0450	x 4	T2	T12	48
	4.80	440-0480		T2	T12	
	5.20	440-0520		T2	T12	
	5.56	440-0556		T2	T12	
6	6.63	440-0663	x 4	T2	T12	92 114
	6.84 - 7.10	440-0690		T2	T12	
	7.05 - 7.25	440-0720	x 6	T2	T12	
	7.40 - 7.65	440-0745	T2	T12		
8	8.63	440-0863	x 6	T2	T12	120 172
	8.98 - 9.30	440-0905		T2	T12	
	9.27 - 9.50	440-0940	x 8	T2	T12	
	9.83 - 10.25	440-1000	T2	T12		
10	10.64 - 10.86	440-1075	x 8 x 10	T2	T12	179 267
	11.03 - 11.40	440-1110		T2	T12	
	11.36 - 11.80	440-1140		T2	T12	
	11.85 - 12.15	440-1200		T2	T12	
12	12.62 - 12.85	440-1275	x 8 x 12	T2	T12	194 324
	13.12 - 13.50	440-1320		T2	T12	
	13.70 - 14.09	440-1392		T2	T12	
	14.10 - 14.35	440-1420		T2	T12	
14	14.59 - 15.08	440-1475	x 12	T2	T12	328
	15.23 - 15.80	440-1530		T2	T12	
	15.73 - 16.22	440-1600		T2	T12	
	16.30 - 16.73	440-1650		T2	T12	
16	16.74 - 17.26	440-1684	x 12	T2	T12	338
	17.33 - 17.87	440-1740		T2	T12	
	17.88 - 18.43	440-1800		T2	T12	
	18.62 - 19.19	440-1875		T2	T12	
18	18.87 - 19.45	440-1920	x 12	T2	T12	353
	19.41 - 20.01	440-1950		T2	T12	
	20.00 - 20.60	440-2000		T2	T12	
	20.29 - 20.94	440-2050		T2	T12	
	20.93 - 21.57	440-2130		T2	T12	
20	21.51 - 22.15	440-2160	x 12	T2	T12	363
	22.16 - 22.81	440-2254		T2	T12	
	22.78 - 23.45	440-2294		T2	T12	
	23.46 - 24.16	440-2400		T2	T12	
	24.15 - 24.85	440-2450		T2	T12	
	24.82 - 25.52	440-2502		T2	T12	

Other sleeve ranges and outlet sizes available upon request.

**JCM 440 Type 3 - All Stainless Steel - Outlet Seal Gasket - Threaded Plug  
JCM 440 Type 13 - All Stainless Steel - Outlet Seal Gasket - Push Plug/Pin**



- Line Stop Plug:** Ductile Iron per ASTM A536
- Plug O-Ring:** Nitrile (NBR, Buna-N) Rubber - Gasket temperature range -40° to 180°F (-40°C to 82°C).
- Blind Flange:** 150#, ASTM A36 Carbon Steel, Epoxy Coated
- Blind Flange Gasket:** Styrene-Butadiene Rubber (SBR) - for use with water, salt solutions, mild acids and bases. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
- Push Plug/Pins:** SAE Grade 8
- Outlet Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82° C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.
- Body:** Stainless Steel, 18-8 Type 304
- Flange:** ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Type 304 Stainless Steel, recess for tapping valve MSS-SP60
- Bolts:** Stainless Steel 18-8 Type 304.

**JCM 440 Type 3 - All Stainless Steel - Outlet Seal Gasket - Threaded Plug  
JCM 440 Type 13 - All Stainless Steel - Outlet Seal Gasket - Push Plug/Pin**

NOMINAL PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X OUTLET SIZE X PLUG CODE	OUTLET SIZE	THREADED PLUG TYPE CODE	PUSH PLUG/PIN TYPE CODE	APPROX. WEIGHT (LBS.)
4	4.50	440-0450	x 4	T3	T13	48
	4.80	440-0480		T3	T13	
	5.20	440-0520		T3	T13	
	5.56	440-0556		T3	T13	
6	6.63	440-0663	x 4	T3	T13	92 114
	6.84 - 7.10	440-0690		T3	T13	
	7.05 - 7.25	440-0720	x 6	T3	T13	
	7.40 - 7.65	440-0745	T3	T13		
8	8.63	440-0863	x 6	T3	T13	120 172
	8.98 - 9.30	440-0905		T3	T13	
	9.27 - 9.50	440-0940	x 8	T3	T13	
	9.83 -10.25	440-1000	T3	T13		
10	10.64 - 10.86	440-1075	x 8 x 10	T3	T13	179 267
	11.03 - 11.40	440-1110		T3	T13	
	11.36 - 11.80	440-1140		T3	T13	
	11.85 - 12.15	440-1200		T3	T13	
12	12.62 - 12.85	440-1275	x 8 x 12	T3	T13	194 324
	13.12 - 13.50	440-1320		T3	T13	
	13.70 - 14.09	440-1392		T3	T13	
	14.10 - 14.35	440-1420		T3	T13	
14	14.59 - 15.08	440-1475	x 12	T3	T13	328
	15.23 - 15.80	440-1530		T3	T13	
	15.73 - 16.22	440-1600		T3	T13	
	16.30 - 16.73	440-1650		T3	T13	
16	16.74 - 17.26	440-1684	x 12	T3	T13	338
	17.33 - 17.87	440-1740		T3	T13	
	17.88 - 18.43	440-1800		T3	T13	
	18.62 - 19.19	440-1875		T3	T13	
18	18.87 - 19.45	440-1920	x 12	T3	T13	353
	19.41 - 20.01	440-1950		T3	T13	
	20.00 - 20.60	440-2000		T3	T13	
	20.29 - 20.94	440-2050		T3	T13	
	20.93 - 21.57	440-2130		T3	T13	
20	21.51 - 22.15	440-2160	x 12	T3	T13	363
	22.16 - 22.81	440-2254		T3	T13	
	22.78 - 23.45	440-2294		T3	T13	
	23.46 - 24.16	440-2400		T3	T13	
	24.15 - 24.85	440-2450		T3	T13	
	24.82 - 25.52	440-2502		T3	T13	

Other sleeve ranges and outlet sizes available upon request.



**JCM 440 Type 5 - Stainless Body - Carbon Steel Outlet - Outlet Seal Gasket - Threaded Plug**  
**JCM 440 Type 15 - Stainless Body - Carbon Steel Outlet - Outlet Seal Gasket - Push Plug/Pin**



- Line Stop Plug:** Ductile Iron per ASTM A536
- Plug O-Ring:** Nitrile (NBR, Buna-N) Rubber - Gasket temperature range -40° to 180°F (-40°C to 82°C).
- Blind Flange:** 150#, ASTM A36 Carbon Steel, Epoxy Coated
- Blind Flange Gasket:** Styrene-Butadiene Rubber (SBR) - for use with water, salt solutions, mild acids and bases. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C).
- Push Plug/Pins:** SAE Grade 8
- Outlet Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40° to 180°F (-40° - 82° C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage.
- Body:** Stainless Steel, 18-8 Type 304
- Flange:** ASME/ANSI 150 lb. Drilling, B16.1 Class 125 Compatible, Carbon Steel, recess for tapping valve MSS-SP60, shop coat for corrosion resistance. Optional: Fusion applied epoxy coating.
- Bolts:** Stainless Steel 18-8 Type 304.

**JCM 440 Type 5 - Stainless Body - Carbon Steel Outlet - Outlet Seal Gasket - Threaded Plug**  
**JCM 440 Type 15 - Stainless Body - Carbon Steel Outlet - Outlet Seal Gasket - Push Plug/Pin**

NOMINAL PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X OUTLET SIZE X PLUG CODE	OUTLET SIZE	THREADED PLUG TYPE CODE	PUSH PLUG/PIN TYPE CODE	APPROX. WEIGHT (LBS.)
4	4.50	440-0450	x 4	T5	T15	48
	4.80	440-0480		T5	T15	
	5.20	440-0520		T5	T15	
	5.56	440-0556		T5	T15	
6	6.63	440-0663	x 4	T5	T15	92 114
	6.84 - 7.10	440-0690		T5	T15	
	7.05 - 7.25	440-0720	x 6	T5	T15	
	7.40 - 7.65	440-0745	T5	T15		
8	8.63	440-0863	x 6	T5	T15	120 172
	8.98 - 9.30	440-0905		T5	T15	
	9.27 - 9.50	440-0940	x 8	T5	T15	
	9.83 -10.25	440-1000	T5	T15		
10	10.64 - 10.86	440-1075	x 8 x 10	T5	T15	179 267
	11.03 - 11.40	440-1110		T5	T15	
	11.36 - 11.80	440-1140		T5	T15	
	11.85 - 12.15	440-1200		T5	T15	
12	12.62 - 12.85	440-1275	x 8	T5	T15	194 324
	13.12 - 13.50	440-1320		T5	T15	
	13.70 - 14.09	440-1392	x 12	T5	T15	
	14.10 - 14.35	440-1420	T5	T15		
14	14.59 - 15.08	440-1475	x 12	T5	T15	328
	15.23 - 15.80	440-1530		T5	T15	
	15.73 - 16.22	440-1600		T5	T15	
	16.30 - 16.73	440-1650		T5	T15	
16	16.74 - 17.26	440-1684	x 12	T5	T15	338
	17.33 - 17.87	440-1740		T5	T15	
	17.88 - 18.43	440-1800		T5	T15	
	18.62 - 19.19	440-1875		T5	T15	
18	18.87 - 19.45	440-1920	x 12	T5	T15	353
	19.41 - 20.01	440-1950		T5	T15	
	20.00 - 20.60	440-2000		T5	T15	
	20.29 - 20.94	440-2050		T5	T15	
	20.93 - 21.57	440-2130		T5	T15	
20	21.51 - 22.15	440-2160	x 12	T5	T15	363
	22.16 - 22.81	440-2254		T5	T15	
	22.78 - 23.45	440-2294		T5	T15	
	23.46 - 24.16	440-2400		T5	T15	
	24.15 - 24.85	440-2450		T5	T15	
	24.82 - 25.52	440-2502		T5	T15	



Other sleeve ranges and outlet sizes available upon request.

## JCM Fabricated Weld On Line Stop Outlets

Carbon Steel and All Stainless Steel (304 & 316) Construction Available

Outlets, partial sleeves and full sleeves readily available for steel pipe 4" and larger. Size on size and reducing outlets to accommodate folding head or bag stop machinery available. Outlets and partial sleeves available for tank and bulkhead use.

**JCM 440 Type 6 - Full Body- Threaded Plug**  
**JCM 440 Type 16 - Full Body - Push Plug/Pin**  
**JCM 440 Type 7 - Outlet Only - Threaded Plug**  
**JCM 440 Type 17 - Outlet Only - Push Plug/Pin**

Nominal Pipe Size (IN.)	Sleeve Number	Outlet Sizes				
			SLEEVE STYLE THREADED PLUG TYPE CODE	SLEEVE STYLE PUSH PLUG/PIN TYPE CODE	SLEEVE STYLE THREADED PLUG TYPE CODE	SLEEVE STYLE PUSH PLUG/PIN TYPE CODE
4	440-0450	x 4	T6	T16	T7	T17
6	440-0663	x 4 x 6	T6 T6	T16 T16	T7 T7	T17 T17
8	440-0863	x 6 x 8	T6 T6	T16 T16	T7 T7	T17 T17
10	440-1075	x 8 x 10	T6 T6	T16 T16	T7 T7	T17 T17
12	440-1275	x 8 x 12	T6 T6	T16 T16	T7 T7	T17 T17
14	440-1400	x 12	T6	T16	T7	T17
16	440-1600	x 12	T6	T16	T7	T17
18	440-1800	x 12	T6	T16	T7	T17
20	440-2000	x 12	T6	T16	T7	T17

### How To Order:

1. Determine O.D. of pipe
2. Select proper sleeve number
3. Select proper outlet size
4. Select proper sleeve style and outlet plug type code (threaded or push/pin)
5. Add Outlet Type Code (T6 or T16)

Example: For Steel Pipe with 6.63 O.D., full sleeve style, with threaded plug, order: 440-0663 T6

**JCM 440 Weld On Line Stop Fittings are standard no test plugs. For optional test plug, contact JCM. Fittings are fabricated to exact O.D. of pipe.**

**Larger sizes available.**

**Other designs offered; contact JCM Industries.**



**JCM patented Line Stop Fittings are the number one choice of line stopping professionals and exacting end users. This reputation is built on decades of responding to the challenges and experiences encountered in the field by line stopping crews who know what makes an application successful.**

**JCM developed the family of 440 Line Stop sleeves at the request of skilled contractors who asked for stronger, more durable sleeves that reinforce the pipe and provide the structural strength to withstand the two major processes involved - tapping the pipe and the line stopping procedure.**



**Full Circumferential Gasket**



**Outlet Seal Gasket**

Features of JCM Line Stop Fittings:

- Largest selection of sleeve design and material options in the industry.
- High Pressure Seal Gaskets are resistant to surges and pressure fluctuations - contact JCM Industries.
- Extra Heavy Duty Design - JCM line stops are built to withstand the two rigorous procedures in the process - tapping and line stopping
- Secure Flange/Neck Connection - withstand the most aggressive line stopping procedures without warping or flexing
- Massive Completion Plug available with either JCM LSA special machined threads or push plug/pin style - allow for easy insertion of completion plug
- Pressure Rated Blind Flange - coated for corrosion resistance

# JCM Line Stop Fittings

## Why we are the Professional's Choice

Pressure Rated Blind Flange  
coated for  
corrosion resistance

Massive  
Completion Plug  
with special machined  
threads allow easy insertion  
of completion plug



Secure Flange/Neck  
Connection  
withstands the most  
aggressive line stop  
procedures without  
warping or flexing

High Pressure Seal  
Gaskets  
resistant to surges and  
pressure fluctuations

Designs Available  
Rated for  
250 PSI  
Working Pressure

**NOW AVAILABLE  
PUSH PLUG/PIN  
CONFIGURATION  
SEE INSIDE**

Extra Heavy Duty  
Design - withstands the two  
rigorous procedures in the  
process -  
tapping and line stopping

JCM Line Stop Fittings are the number one choice of line stopping professionals and exacting end users. This reputation is built on decades of responding to the challenges and experiences encountered in the field by line stopping crews who know what makes an application successful.

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JCM 440 Line Stops are available constructed of Carbon Steel, Stainless Steel, Carbon/Stainless combination with numerous options of gasket sealing configurations, coatings, hardware and pressure capabilities.



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