

# ERCI

## EXTRA REACH CAST IRON BRIDGE PLUG

### DESCRIPTION

The Extra Reach Cast Iron Bridge Plug (ERCI) is a plug with a high expansion ratio for isolating the pipe space in cases where the descent of the bridge plug is complicated by a decrease in the passage diameter of the string. It is typically run on wireline, slickline, or tubing and is set mechanically or hydraulically, depending on the application.

Extra range bridge plug is a special plug for running through restrictions and then safely installing in a larger diameter.

The tool is constructed of high-strength cast iron and drillable components, which allow for easy and efficient removal by conventional drilling or milling methods.

Symoil offer a large range of plugs for most common tubing and casing sizes.

### FEATURES

- Packing element with a high expansion ratio
- Can be set on wireline, slickline, or tubing
- Bi-directional slips
- Simplicity of design ensures its reliability
- Ideal of abandonment applications
- Casing size plugs with OD to match PCE limitations



Can be set on wireline, slickline, or tubing.

Packing element with a high expansion ratio

Bi-directional slips

Casing size plugs with OD to match PCE limitations

Casing size  
in - [mm]Casing Weight  
Min-Max [lbs/ft]Wall thickness  
Min-Max [mm]

2.375 - [60.3]

4.6 - 5.8

4.83 - 6.45

Plug OD  
in - [mm]Pressure Rating  
Psi - [Bar]Setting Force  
klbf - [t]

Setting Tool

2.375 - [60.3]

4.6 - 5.8

4.83 - 6.45

1.406 - [35.7]

7500 - [517]

12 - [5.4]

1-1/2 Shorty

2.875 - [73]

6.4 - 7.8

5.51 - 7.01

1.75 - [44.5]

10000 - [689]

12 - [5.4]

1-11/16 MSST / #5

2.875 - [73]

6.4 - 7.8

5.51 - 7.01

1.906 - [48.4]

10000 - [689]

12 - [5.4]

1-11/16 MSST / #5

3.5 - [88.9]

9.2 - 12.7

5.49 - 9.53

2.187 - [55.5]

7500 - [517]

12 - [5.4]

1-11/16 MSST / #5

3.5 - [88.9]

9.2 - 12.7

5.49 - 9.53

2.281 - [57.9]

10000 - [689]

12 - [5.4]

1-11/16 MSST / #5

4 - [101.6]

9.6 - 13.2

5.74 - 8.55

2.5 - [63.5]

7500 - [517]

25 - [11.3]

2-1/8 MSST / #10

4.5 - [114.3]

11.6 - 21.6

6.35 - 12.7

2.75 - [69.9]

7500 - [517]

25 - [11.3]

2-1/8 MSST / #10

5 - [127]

15 - 24.2

5.51 - 12.7

3.25 - [82.6]

7500 - [517]

25 - [11.3]

2-1/8 MSST / #10

5.5 - [139.7]

17 - 26

7.72 - 12.09

3.95 - [100.3]

7500 - [517]

35 - [15.9]

#20

6.625 - [168.3]

20 - 32

7.32 - 12.07

4.94 - [125.5]

7500 - [517]

50 - [22.7]

#20

7 - [177.8]

26 - 38

9.2 - 13.72

4.94 - [125.5]

5000 - [345]

50 - [22.7]

#20

9.625 - [244.5]

43.5 - 58.4

11.05 - 13.84

5.5 - [139.7]

5000 - [345]

50 - [22.7]

#20