

Cement Port Collar & Shifting Tool

The Cement Port Collar provides a full opening stage cementer that needs no plugs or balls to operate. An internal cementing sleeve is opened and closed with pipe manipulation using a shifting tool. Since no plugs are needed, multiple port collars can be run in a casing string. All can be operated with a single workstring trip. The port collar has a full opening to allow other tools to pass without restriction.

The Port Collar Shifting Tool uses spring loaded blocks that locate in the cementing sleeve providing a tie to the workstring. Once the blocks locate in the sleeve, right-hand pipe rotation and manipulation are used to open and close the sleeve. Multiple openings and closings are possible with each port collar.

Special Features

- Sleeves lock in the open and closed position
- No plug or ball drillout
- Multiple port collars in the same casing string
- Easy location of shifting tool in the port collar

Port Collar Shifting Tool Specification Guide

| Casing O.D. | Tool O.D. | Tool I.D. | Thread Connection Box up/Pin down | Part Number |
|-------------|-----------|-----------|--------------------------------------|-------------|
| 4½ | 3.750 | 1.250 | 2¾ EUE | 21745 |
| 5½ | 4.500 | 1.250 | 2¾ EUE | 21755 |

** Other sizes and connections available on request*

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| Casing O.D. | Tool O.D. | Tool I.D. | Thread Connection Box up/Pin down | Part Number |
|-------------|-----------|-----------|--------------------------------------|-------------|
| 4½ | 5.750 | 4.000 | 4½ 8RD | 23045 |
| 5½ | 6.750 | 5.000 | 5½ 8RD | 23055 |

** Other sizes and connections available on request*



Shifting
Tool



Cement
Port Collar