

## CENTRALIZERS

### Features

- Reduces wear on tubing in deviated wells
- 4140 Heat-Treated Stress-Relieved Mandrel with Rolled Threads
- Field Replaceable Nylon Rotor
- Rotor Interchangeable Between 1" and 1-1/8" couplings



### Dimensional Info

Pin Size [in]	Tubing Size [in]	Part Number	Rotor Dia. D [in]	Flow Area		Coupling Type (1)
				Min. (1) [sq. in.]	Max. (2) [sq. in.]	
7/8	2-7/8"	C 7/8 x 2-7/8	2.27	0.81	1.25	Standard
7/8	3-1/2"	C 7/8 x 3-1/2	2.79	1.42	2.11	Standard
1	2-7/8"	C 1 x 2-7/8	2.27	0.81	1.25	Slim Hole
1	3-1/2"	C 1 x 3-1/2	2.79	1.42	2.11	Standard or Slim Hole
1	4-1/2"	C 1 x 4-1/2	3.21	2.94	6.99	Standard or Slim Hole
1-1/8	3-1/2"	C 1-1/8 x 3-1/2	2.79	1.42	2.11	Standard or Slim Hole
1-1/8	4-1/2"	C 1-1/8 x 4-1/2	3.21	2.94	6.99	Standard or Slim Hole

Note:

(1) Data for selection of coupling type to be used.

### Material Specification

Mandrel: 4140 HTSR

Sleeve: standard - Nylon 6, or other material available

Max. Operating Temperature: 104 ° C (Nylon 6)

### Ordering Information

1. Specify Pin Size
2. Specify Tubing Size.

**All centralizers are shipped without couplings.**