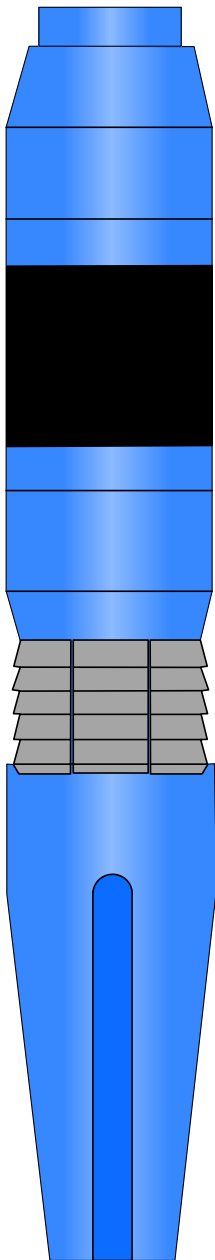
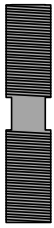
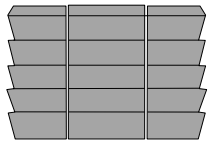


PetroQuip Cast Iron Cement Retainer (CICR)



The **PetroQuip Cast Iron Cement Retainer (CICR)** is a modular, field-proven design that makes it a versatile tool in a variety of applications. The **CICR** may be set on wireline or mechanically by changing the top slips. The **CICR** also converts to a bridge plug by replacing the sleeve valve with a small plug.

Features and Benefits:

- Cast iron drillable design
- Valve automatically closes when stinger is removed
- Converts between mechanical and wireline set by changing top subs
- Easily millable
- Temp rating to 325°F
- Differential Pressure Rating to 10,000 thru 7-5/8"
- Allows pressure testing before squeeze
- Convertibility reduces inventory requirements

PetroQuip Cast Iron Cement Retainer (CICR)



Casing		CICR	Setting Range	
Size (in)	Weight (lb/ft)	OD (in)	Min (in)	Max (in)
4-1/2	9.5 - 16.2	3.593	3.826	4.090
5	11.5 - 18.0	3.937	4.154	4.560
5-1/2	13 - 23	4.312	4.580	5.044
6	10.5 - 12	5.375	5.959	6.135
6-5/8	17 - 35			
7	32.0 - 38.0	5.375	5.959	6.135
	17 - 35	5.687	6.004	6.538
7-5/8	20 - 39	6.312	6.625	7.263
8-5/8	24 - 49	7.125	7.511	8.248
9-5/8	29.3 - 53.5	8.125	8.438	9.063
10-3/4	54 - 81	9.000	9.250	9.660
	32.7 - 51	9.437	9.660	10.192
13-3/8	77 - 72	11.562	11.633	12.464
	48 - 72	12.000	12.175	12.715
16.000	65 - 109	14.250	14.688	15.250
20.000	133 - 169	18.380	18.730	19.124