



238CR-400CR Cement Retainer

Weatherford's 238CR-400CR cement retainer is a cast-iron, drillable isolation tool that holds pressure from below for cementing in tubing sizes from 2 3/8- to 4-in. (60.3- to 101.6-mm) OD.

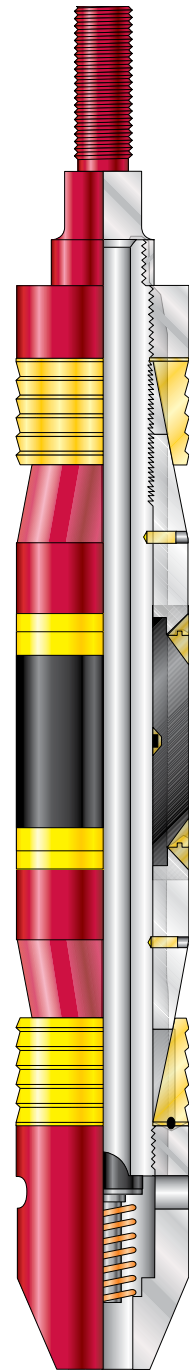
The retainer is rated at 10,000 psi (68,948 kPa) and 300°F (149°C).

Applications

- Cementing
- Well abandonment

Features, Advantages and Benefits

- The modular design eases conversion to a bridge plug and from mechanical to wireline setting, reducing inventory.
- The field-proven design enables the retainer to set securely in P110 casing.
- The simple, spring-loaded valve holds differential pressure from below for effective backpressure control.
- The valve isolates hydrostatic pressure to protect sensitive zones in low-fluid-level wells.
- Retaining rings help to prevent element extrusion and maintain seal integrity.
- The rotationally locked, cast-iron components enable a fast drillout to save rig time.





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Specifications

Retainer

Tubing				Retainer		
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Maximum OD (in./mm)	Set Force Required (lbf/N)	Product
		Minimum	Maximum			
2.375 60.33	4.00 to 5.80 5.95 to 8.63	1.780 45.21	2.074 52.68	1.760 44.70	9,000 40,034	238CR-WL
2.875 73.03	6.40 to 6.50 9.52 to 9.67	2.340 59.44	2.525 64.14	2.225 56.52	9,000 40,034	278CR-WL
3.500 88.90	5.75 to 10.30 8.56 to 15.33	2.815 71.50	3.223 81.86	2.750 69.85	9,000 40,034	350CR-WL
4.000 101.60	5.60 to 14.00 8.33 to 20.83	3.340 84.84	3.732 94.79	3.140 79.76	20,000 88,964	400CR-WL

Seal Stinger

Retainer		Stinger			
Product	ID (in./mm)	Connection OD ¹ (in./mm)	Stinger OD (in./mm)	Stinger ID (in./mm)	Product
238CR-WL	0.718 18.24	1.750 44.45	0.714 18.14	0.370 9.40	238CR-38
278CR-WL	0.812 20.62	2.220 56.39	0.809 20.55	0.490 12.45	278CR-38
350CR-WL	0.812 20.62	2.220 56.39	0.809 20.55	0.490 12.45	278CR-38
400CR-WL	0.812 20.62	2.220 56.39	0.809 20.55	0.490 12.45	278CR-38

¹The thread is 1.050-in. EU 10 RD.