



Weatherford®

Packer Systems

WRP Bridge Plug

Weatherford's WRP bridge plug is a retrievable plug set by conventional wireline or a hydraulic setting tool, such as the HST, to isolate temporarily the lower part of a wellbore. The standard caged, bidirectional carbide slips provide long life and durability and simple, effective anchoring to the casing.

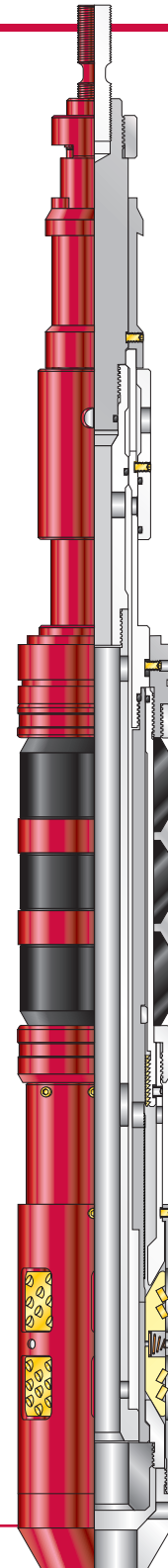
The compact plug enables easy retrieval on tubing, coiled tubing, or sand line with a retrieval tool. After the tool engages the top of the plug, the equalizing valve opens before the plug is released, preventing it from moving with differential pressure. Elastomeric sealing elements hold pressure from above and below.

Applications

- Zonal isolation
- Wellhead repair and replacement
- Casing-pressure testing
- Acidizing, fracturing, and cementing

Features, Advantages and Benefits

- The compact design enables deployment through tight doglegs and short lubricators.
- The swab-resistant packing element enables a faster run in, reducing the rig time to set the plug.
- The bridge plug can be set by wireline, coiled tubing, or a hydraulic setting tool and retrieved by a sand line or coiled tubing, depending on the well conditions.
- The straight-pull release provides simple operation on the rig.
- The rotational safety release enables the operator to release the plug if the straight pull has difficulties, reducing rig time.
- The equalizing valve opens before the plug is released to prevent movement from differential pressure and enable safe plug retrieval.
- The overshot washes to the gauge ring for easy, dependable retrieval.





WRP Bridge Plug

Specifications

Casing				Plug		
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Maximum OD (in./mm)	Product	
		Minimum	Maximum		Collet Latch	J-Latch
3-1/2 88.9	10.2 15.2	2.992 76.10	2.992 76.10	2.781 70.64	35WRP.1002	—
	7.7 to 9.2 11.5 to 13.7		3.068 77.93	2.867 72.82	35WRP.1001	—
4-1/2 114.3	9.5 to 13.5 14.1 to 20.1	3.910 99.31	4.090 103.89	3.771 95.78	43WRP.1001	43WRP.1002
5 127.0	15.0 to 18.0 22.3 to 26.8	4.250 107.95	4.408 111.96	4.125 104.78	43WRP.1003	43WRP.1004
	11.5 to 15.0 17.1 to 22.3	4.408 111.96	4.560 115.82	4.250 107.95	43WRP.1007	—
5-1/2 139.7	26.0 38.7	4.408 111.96	4.560 115.82	4.250 107.95	43WRP.1007	—
	20.0 to 23.0 29.8 to 34.2	4.625 117.48	4.778 121.36	4.500 114.30	45WRP.1001	45WRP.1002
	15.5 to 20.0 23.1 to 29.8	4.778 121.36	4.950 125.73	4.641 117.88	45WRP.1003	45WRP.1004
	13.5 to 15.5 20.1 to 23.1	4.950 125.73	5.190 131.83	4.781 121.44	45WRP.1005	45WRP.1006
6 152.4	26.0 38.7	4.950 125.73	5.190 131.83	4.781 121.44	45WRP.1005	45WRP.1006
6-5/8 168.3	24.0 to 32.0 35.7 to 47.6	5.610 142.49	5.921 150.39	5.484 139.29	45WRP.1009	45WRP.1010
	24.0 35.7	5.830 148.08	5.937 150.80	5.656 143.66	47WRP.1001	47WRP.1002
	17.0 to 20.0 25.3 to 29.8	5.938 150.83	6.135 155.83	5.812 147.62	47WRP.1003	47WRP.1004



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Specifications (continued)

Casing				Plug		
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Maximum OD (in./mm)	Product	
		Minimum	Maximum		Collet Latch	J-Latch
7 177.8	38.0 56.6	5.830 148.08	5.937 150.80	5.656 143.66	47WRP.1001	47WRP.1002
	32.0 to 35.0 47.6 to 52.1	5.938 150.83	6.135 155.83	5.812 147.62	47WRP.1003	47WRP.1004
	26.0 to 29.0 38.7 to 43.2	6.136 155.85	6.276 159.41	5.968 151.59	47WRP.1005	47WRP.1006
	23.0 to 26.0 34.2 to 38.7	6.276 159.41	6.366 161.70	6.078 154.38	47WRP.1007	47WRP.1008
	17.0 to 20.0 25.3 to 29.8	6.456 163.98	6.578 167.08	6.266 159.16	47WRP.1009	47WRP.1010
7-5/8 193.7	33.7 to 39.0 50.2 to 58.0	6.579 167.11	6.797 172.64	6.453 163.91	47WRP.1011	47WRP.1012
	24.0 to 29.7 35.7 to 44.2	6.798 172.67	7.025 178.44	6.672 169.47	47WRP.1013	47WRP.1014
	20.0 to 24.0 29.8 to 35.7	7.025 178.44	7.125 180.98	6.812 173.02	47WRP.1015	47WRP.1016
8-5/8 219.1	20.0 to 28.0 29.8 to 41.7	8.017 203.63	8.097 205.66	7.781 197.64	49WRP.1005	49WRP.1006
9-5/8 244.5	47.0 to 53.5 69.9 to 79.6	8.343 211.91	8.681 220.50	8.218 208.74	51WRP.1001	51WRP.1002
	40.0 to 47.0 59.5 to 69.9	8.681 220.50	8.835 224.41	8.437 214.30	51WRP.1003	51WRP.1004
	29.3 to 36.0 43.6 to 53.6	8.836 224.43	9.063 230.20	8.593 218.26	51WRP.1005	51WRP.1006