

MODEL D BRIDGE PLUG

PRODUCT 20-145

The **TechWest Model D Bridge Plug** is a fully drillable, high performance permanent Bridge Plug suitable for zone abandonment or temporary suspension. It will safely handle working differential pressure of up to 70 MPa (10,000 PSI).

A one-piece element, combined with full 360° coverage metal back up rings, provide a dependable seal for high pressure and elevated temperature applications up for 300° F. The one-piece slip system will securely set in P-110 casing and lower-yield casing grades.

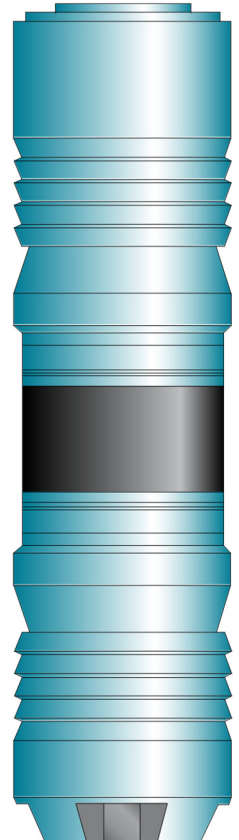
The Bridge Plug is designed for speed and safety while running on wireline, and for strength and durability after setting. High performance and reliability are not compromised in any way.

PRODUCT FEATURES

- Cast Iron drillable design
- Bi-directional, one-piece slips
- Sets in multiples casing types, including P-110
- No tension mandrel required.
- Retaining rings to assist in preventing element extrusion.

OPERATION

This plug may be run and set using a standard E-4 wireline Setting Tool and Sleeve with no special adapter equipment required. If necessary, the Bridge Plug may be run on tubing or coiled tubing using a B Hydraulic Setting Tool.



SPECIFICATIONS

20-145 SPECIFICATION GUIDE							
Casing Size	Casing Weight	Product Number	Pressure Rating	Tool OD	Setting Range		Set Force
					Min	Max	
in/mm	lbs/ft		psi	in/mm	in/mm	in/mm	lbs
2 3/8 60.3	4-5.8	20-145-0220	10k	1.750 44.45	1.780 45.21	2.074 52.68	9000
2 7/8 73.0	6.4-6.5	20-145-0250	10k	2.220 56.39	2.340 59.44	2.525 64.14	9000
3 1/2 88.9	5.75-10.3	20-145-0350	10k	2.750 69.85	2.867 72.82	3.258 82.75	9000
	12.8-15.8	20-145-0360	10k	2.430 61.72	2.548 64.72	2.764 70.21	9000
4 101.6	5.6-14	20-145-0400	10k	3.140 79.76	3.340 84.84	3.732 94.79	20000
4 1/2 114.3	9.5-15.1	20-145-0450	10k	3.562 90.47	3.826 97.18	4.090 103.89	33000
5 127.0	11.5-20.8	20-145-0500	10k	3.937 100.00	4.154 105.51	4.560 115.82	33000
5 1/2 139.7	13-23	20-145-0550	10k	4.312 109.52	4.580 116.33	5.044 128.12	33000
5 3/4 146.1	14-25.2	20-145-0600	10k	4.699 119.35	4.890 124.21	5.290 134.37	33000
6 5/8 168.3	17-32	20-145-0660	10k	5.375 136.53	5.595 142.11	6.135 155.83	50000
7 177.8	17-35	20-145-0700	10k	5.687 144.45	6.000 152.40	6.538 166.07	50000
7 5/8 193.7	20-39	20-145-0750	10k	6.312 160.32	6.625 168.28	7.125 180.98	50000
8 5/8 219.1	24-49	20-145-0850	10k	7.125 180.98	7.310 185.67	8.097 205.66	50000
9 5/8 244.5	29.3-58.4	20-145-0950	8k	8.125 206.38	8.435 214.25	9.063 230.20	50000
10 3/4 273.1	32.7-60.7	20-145-1070	5k	9.437 239.70	9.66 245.36	10.192 258.88	50000
11 3/4 298.5	38-60	20-145-1160	4k	10.437 265.10	10.772 273.61	11.150 283.21	50000
11 3/4 298.5	60-83	20-145-1180	4k	9.937 252.40	10.192 258.88	10.772 273.61	50000
13 3/8 339.7	48-84.5	20-145-1370	3k	11.88 301.75	12.175 309.25	12.715 322.96	50000
16 406.4	65-118	20-145-1600	2k	14.125 358.78	14.576 370.23	15.250 387.35	50000
20 508.0	94-133	20-145-2000	2k	18.375 466.73	18.73 475.74	19.124 485.75	50000