

DESCRIPTION**A-MRBP, A-098 – Mechanical Retrievable Bridge Plug****A-RTMRB, A-164 – Retrieving Tool for Mechanical Retrievable Bridge Plug**

The Mechanical Set Retrievable Bridge Plug is a high pressure plug for multiple zone and selective single zone operations such as acidizing, fracturing, cementing and testing. It features a large internal by-pass to reduce swabbing when running and retrieving. The by-pass closes during the setting of the plug and opens prior to releasing the upper slips to equalize pressure when unsetting. The Plug features an internal by-pass is located directly below the upper slips to help wash debris when the by-pass is open, that allows easy running in and retrieval.

This tool can be set in tension or compression. It can be set shallow in unsupported casing to contain pressure while working on wellhead equipment. It can be set in tension making it ideal for setting shallow to test wellhead equipment and also deep, high-pressure wells.

Caution: When running this tool with a packer, make sure the J-slots in the plug, running/retrieving tool and packer are all compatible.

The Plug features a J-setting system that allows it to be set by quarter turn rotation at the tool, in tension or compression.

FEATURES

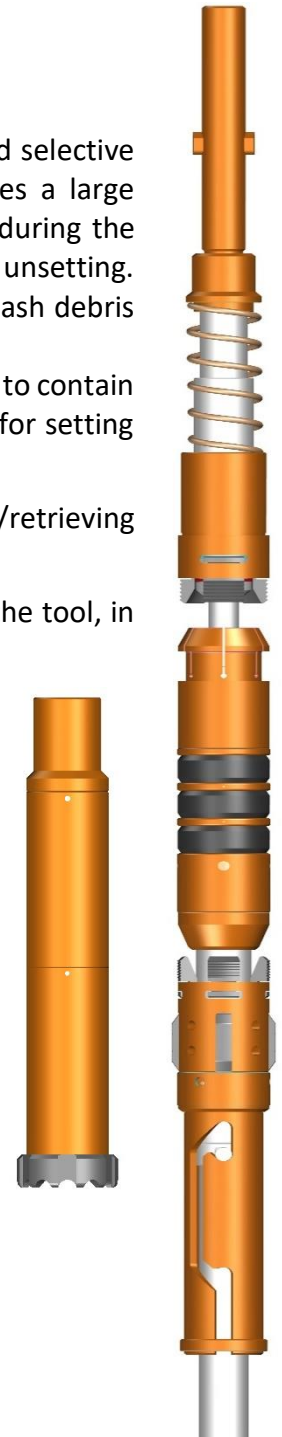
- Heavy-duty mandrel supports high hang-off weights
- Backup rings on O-rings seal for high pressure and temperature
- Tool joint connections are standard
- Rotationally locked end connections for torque transmission
- Standard automatic jay mechanism
- Holds pressure from above and below.
- Quarter turn to set and retrieve.
- Large By-pass

BENEFITS

- Large-diameter hold-down buttons reduce casing damage
- High-torque rating for manipulating heavy drillpipe into tight spots
- Simple, rig-friendly operation
- Running tool design prevents premature release
- Ability to clean debris over the slips before release
- Right-hand set and retrieved
- High run-in speeds
- Reliable operation, strong heavy-duty jay with has no weld points.

APPLICATIONS

- High-pressure and high-temperature testing and treating operations
- Storm packer applications
- Drillstem and production testing
- Temporary zonal isolation
- Shallow and Deep wells



SPECIFICATION guide

Casing size	Casing Weight	Casing ID Minimum	Casing ID Maximum	Bridge plug OD	End Connection
inch	lb/ft	inch	inch	inch	inch
3-1/2	7.7-10.2	2.922	3.068	2.781	1.900" EUE
4	9.5-11.0	3.476	3.548	3.250	1.900" EUE
4-1/2	9.5-13.5	3.92	4.09	3.75	2-3/8" EUE
	15.1-16.6	3.754	3.826	3.625	2-3/8" EUE
5	11.5-15.0	4.408	4.560	4.280	2-3/8" EUE
	18.0-20.8	4.156	4.276	4.000	2-3/8" EUE
5-1/2	9.0-13.0	5.044	5.192	4.812	2-3/8" EUE
	13.0-20.0	4.778	5.044	4.625	2-3/8" EUE
	20.0-23.0	4.670	4.778	4.500	2-3/8" EUE
6	17.0-20.0	5.352	5.450	5.188	2-3/8" EUE
6-5/8	17.0-24.0	5.921	6.135	5.750	2-3/8" EUE
	24.0-32.0	5.675	5.921	5.500	2-3/8" EUE
	32.0-35.0	5.575	5.675	5.375	2-3/8" EUE
7	17.0-26.0	6.276	6.538	5.969	2-7/8" EUE
	23.0-32.0	6.094	6.276	5.875	2-7/8" EUE
7-5/8	24.0-29.7	6.875	7.025	6.672	2-7/8" EUE
	33.7-39.0	6.625	6.765	6.453	2-7/8" EUE
8-5/8	20.0-28.0	8.017	8.191	7.750	3-1/2" EUE
	24.0-40.0	7.725	8.097	7.500	3-1/2" EUE
9-5/8	32.3-43.5	8.755	9.001	8.500	4-1/2" EUE
	43.5-53.5	8.535	8.755	8.250	4-1/2" EUE
13-3/8	54.5-77.0	12.275	12.615	12.000	4-1/2" EUE
18-5/8	87.5-117.5	17.439	17.755	17.000	4-1/2" IF

Note: Available for Standard and NACE services, any other end connections can be provided against requirement.