

Melon-Type Equalizing Housing

The Melon-Type Equalizing Housing is a commonly used method of achieving pressure equalization across a set plug. It incorporates a simple equalizing melon that is run “on-seat” in the sealed position and allows the SIM* or SIM^{PLUS}* Plug to be conveyed in a single run.

Recovery of the Melon-Type Equalizing Housing requires two-runs-to-pull. The Melon-Type Equalizing Prong is run prior to the MATS/GS Pulling Prong to equalize pressure across the plug and allow safe recovery. Jarring down on the Equalising Prong will move the Melon “off-seat” allowing pressure across the plug to equalize.

APPLICATIONS

- To provide a Melon-Type equalizing option for the SIM and SIM^{PLUS} Plug
- For use with a Peak SIM Plug or SIM^{PLUS} Plug when a single run application is required

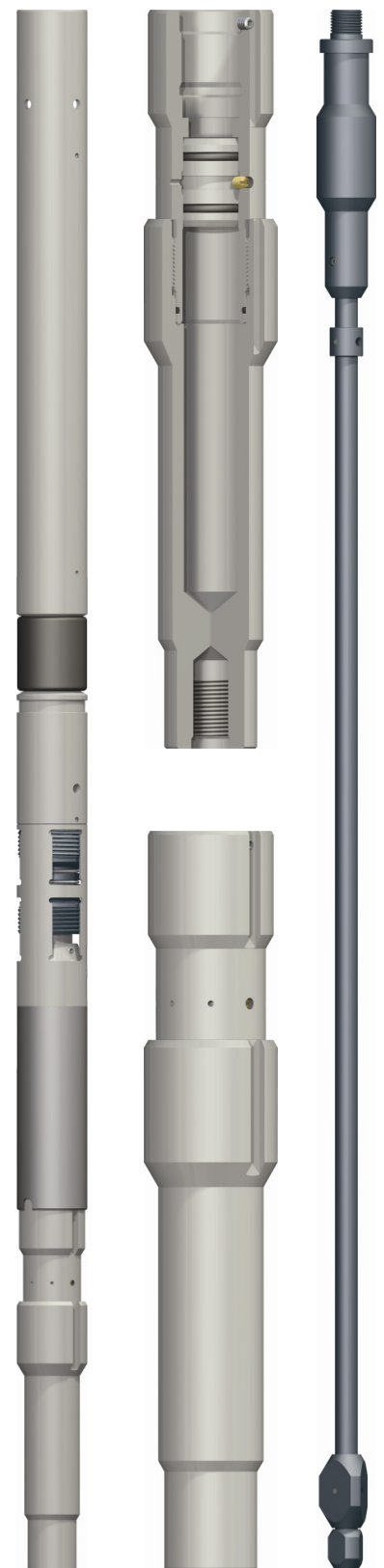
FEATURES AND BENEFITS

- Threaded equalizing port options to control the rate of equalization
- Associated Equalizing Prong incorporates tell-tale feature to ensure Melon has moved into the “off-seat” position
- Sour service components to NACE MR0175
- All components ENP treated to prevent thread galling and corrosion
- Simplistic design with minimal components
- Sucker Rod Box thread in Equalizing Assembly Bottom Sub to convey downhole gauges or to provide a connection for roller options in high angle, deviated wells
- Robust design

TECHNICAL INFORMATION

To Suit Plug, in	Standard Length, in	Minimum ID, in
2 3/8*		
2 7/8	13.90	0.709
3 1/2	12.20	1.142
4 1/2	12.60	1.870
5	12.60	1.870
5 1/2	16.18	1.870

*Does not include the Melon Equalizing Option.



▲ SIM Plug with Melon-Type Equalizing Housing

▲ Melon-Type Equalizing Prong

*Mark of Schlumberger

Product Code: Melon-Type Equalising Housing / 352

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