



### *ClearCut™ MP Mill*

Weatherford's *ClearCut* MP mill is specifically designed to mill out industry-standard composite bridge plugs. It is engineered for the greatest efficiency and fastest rate of penetration when used in conjunction with Weatherford's downhole motors. The mill is dressed with durable *CustomCut*™ tungsten carbide inserts to minimize drill times while producing small, uniform pieces of debris that can be easily removed. With proprietary rakes and chip breakers, the *CustomCut* inserts are available in a variety of geometries to offer uncompromised consistency.

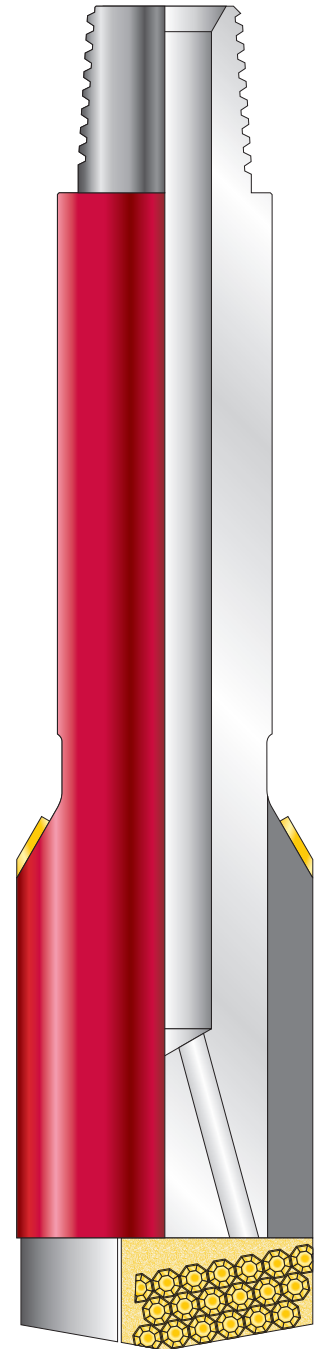
Weatherford's *ClearCut* MP mill is a product of the company's MillSmart<sup>SM</sup> technology, an engineered approach to milling that encompasses a wide range of proven products, services, and technical resources. It is developed and refined by the world's largest and most experienced provider of milling and fishing services. Backed by Weatherford's suite of modeling software, this mill ensures a well-planned, efficient operation.

### *Applications*

- Specifically designed to remove Weatherford's high-pressure, high-temperature composite bridge plugs
- Suitable for use during removal of most industry standard composite bridge plugs

### *Features, Advantages and Benefits*

- The durable, five-bladed mill head is engineered for maximum longevity and efficiency to ensure reliable, low-cost milling operations.
- Inset with *CustomCut* tungsten carbide inserts, the blades are configured to reduce torque and minimize drill time.
- The optimized alignment of the *CustomCut* inserts produces fine debris particles of consistent sizes, which facilitates debris removal and expedites the milling operation, prolonging the life of the mill to reduce additional trips when milling multiple plugs.



**MillSmart technology, featuring CustomCut inserts—because each job is different**



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### *Specifications*

Casing/Tubing Size (in./mm)	Top Pin Connection	Mill Blade OD (in./mm)
2-3/8 60.3	1-in. AMMT	1.750 or 1.947 44.45 or 49.45
2-7/8 73.0	1- or 1 1/2-in. AMMT	1.971 or 2.347 49.54 or 59.61
3-1/2 88.9	1 1/2-in. AMMT	2.477 or 2.943 62.92 or 74.75
4-1/2 114.3	2 3/8-in. PAC or 2 3/8-in. Reg	3.625 or 3.965 92.08 or 100.71
5 127.0	2 3/8-in. PAC or 2 3/8-in. Reg	3.875 or 4.500 98.43 or 114.30
5-1/2 139.7	2 3/8-in. PAC or 2 7/8-in. Reg	4.545 or 4.919 115.44 or 124.94
7 177.8	2 3/8-in. PAC or 2 7/8-in. Reg	5.795 or 6.500 147.19 or 165.10

Note all sizes are suggested; care must be taken to ensure that mill bodies are fishable and mill blade OD will pass any profiles in the well.