

JUNK MILLS

APPLICATIONS

- General Junk Milling operations
- Ball Valve removal
- Bore enlargement/clean out
- Flapper check valve milling
- Plug removal

FEATURES

- One piece Body
- Various Diameters available
- Tungsten Carbide Inserts and/or Crushed Carbide
- Other Matrix available on request
- Flow ports at cutting face
- Tool joint or service connections

ADDITIONAL INFORMATION

- Typical example configurations shown above.
- Mill Bodies are AISI 4140 HT steel as standard.
- Bespoke designs available to suit job specific applications
- Other threaded connections and OD's available on request.

The WellEnTech Junk Mills come in a wide variety of designs and configurations. The Mills are dressed with either Tungsten Carbide Inserts, Crushed Carbide Matrix, a combination of both or Diamond Impregnated matrix. Available as Flat Bottomed (shown below), Concave, Convex, Taper Stage or Bull nose, the Junk Mills can also be supplied as a blank body design or with integral blades (shown below). The Junk Mills are suitable for milling a range of materials and WellEnTech have extensive experience of designing mills and milling operations, providing the most suitable mill for a particular application.

OPERATION

The Junk Mill can be run on either jointed pipe or below a Downhole Motor. Circulation ports permit pumped fluids to exit the Mill at the cutting face and flutes on the body OD allow cuttings to be circulated up past the mill. Dressing on the Mill gauge diameter ensure the mill remains central preventing the mill damaging casing.

TECHNICAL SPECIFICATION

Thread	Shank Dia	OD	Mill Types
1"AMMT	1.563"	2.00	Flat Bottomed Concave Convex Taper Bull Nose Diamond Matrix Stage Mills
		2.25	
		2.50	
		2.75	
		3.00	
1-1/4"AMMT	1.750"	2.25	
		2.50	
		2.75	
		3.00	
		3.25	
1-1/2"AMMT	2.000"	2.50	
		2.75	
		3.00	
		3.25	
		3.50	
2-3/8" PAC	2.875"	3.5	
		3.75	
		4.00	
		4.25	
		4.50	

