



*Directional*  
*6 3/4" H5137*

*technical specifications*



*features*

- Short, one piece
- Nonsymmetrical blade layout

*operating parameters*

Rotary speed	Rotary or PDM
Weight on bit	3000 to 25000
Flow rate	150 to 300 GPM

*design specifications*

Total Cutters	23
No. gage cutters	5
No. Nozzles	7
No. Fixed Nozzles	2
Junk slot area	13.55
Gage length	1.0"
Gage protection	Fused carbide and diamond
Make up length	5"
Overall length	9.0"
API Pin connection	3/2" Reg.