

Hydril 18-15 WCSR-X Rams

Trust the HMH WCSR-X to shear the toughest pipe, when most needed

Product description

Efficient and consistent casing, pipe and wireline shearing is a differentiator for high specification rigs. HMH has developed the X version to cut the most difficult pipes including super duplex stainless steel, heavy walled casing.

Benefits

The HMH WCSR-X has successfully sheared the following casing and pipe:

- 10-3/4", 108.7 lb.ft, SDSS/125KSI
- 14IN. S115 LB/FT, C-125 HC
- 10.75IN. 108.7 LB/FT, SDSS/125KSI
- 10.75IN. 109 LB/FT, C-110
- 10.75IN. 85.3 LB/FT, C-110HC

Lower shear force required to shear compared to legacy blade geometry

Key features

In addition to the pipe and casing shearing capability, the WCSR-X has the following additional features:

- Wireline shearing completed without tension
- Bolted blade design for the WCSR to accommodate blade replacements
- API 16A 4th Ed PR2 compliant



10.75IN. 108.7 lb/ft, SDSS/125KSI casing after WCSR-X shear

Shear Pressure (psi) and (% Decrease)		
Sample	Existing Blade (psi)	New Blade (psi)
14.15" Q-125XHP 127#	4,182	3,593 (-14%)
7.5" C-110 1.123" WT	3,126	2,881 (-8%)
16.1" Q125ICY 110.5#		3,071
6.625" UD-165 64#	4,098	3,479 (-15%)
6.625" V-150 57#	3,313	2,957 (-11%)
6.625" V-150 57# Side Load	3,507	3,101 (-12%)

