



## “BDRQ” Bottom No-Go Lock Mandrel

The “**BDRQ**” **Lock Mandrel** is a bottom no go lock mandrel which is designed to land and lock Sub-Surface Safety Valve (SSSV) in an BDRQ landing nipple profile.

A removable No-Go Ring above the packing section permits the lock mandrel to also locate the BDRQ landing nipple with its keys. It is designed to hold pressure differentials from above or below and is installed/retrieved by standard wire line methods.

### BENEFITS

- Installed/retrieved by standard wireline methods.
- Spring-loaded shear pin designed to hold key expander sleeve in locked position when flowing differential pressure is insufficient to activate primary hold-down.
- Matching non-helical teeth inside the keys and on OD of expander sleeve engage and becomes primary hold-down when lock has pressure differential from below. This inhibits lock mandrel from being flowed from landing nipple.



**BDRQ Bottom  
No-Go  
Lock Mandrel**

Please contact our BDWS Sales representative.  
Material available other than 9CR- 1MO.

Size		Weight		Landing Nipple Upper Packing Bore		Part Number
Inch	mm	Inch	mm	Inch	mm	
2.875	73.03	6.40	9.53	2.313	58.75	LM231RQ
3.500	88.90	7.70	11.47	2.313	58.75	LM232RQ
		9.20	13.70	2.813	71.45	LM281RQ
4.500	114.30	13.50	20.10	3.688	93.68	LM368RQ
		10.50	15.64	3.813	96.85	LM381RQ
5.000	127.00	15.00	22.34	4.125	104.78	LM412RQ
		11.50	17.13	4.313	109.55	LM431RQ
5.500	139.70	23.00	34.26	4.313	109.55	LM432RQ
		20.00	29.79	4.437	112.70	LM443RQ
		13.00	19.36	4.562	115.87	LM456RQ
7.000	177.80	17.00	25.32	5.750	146.05	LM575RQ
				5.875	149.23	LM587RQ
		23.00	34.26	5.963	151.46	LM596RQ
		26.00	38.73	6.000	152.40	LM600RQ