

**Make-up Torque Recommended  
For Rock Bit Pins**

<b>API PIN SIZE Inches</b>	<b>Recommended Torque Ft. - Lbs.</b>	<b>m-kg</b>
2 3/8	3,000 - 3,500	410 - 480
2 7/8	6,000 - 7,000	830 - 970
3 1/2	7,000 - 9,000	970 - 1240
4 1/2	12,000 - 16,000	1660 - 2210
6 5/8	28,000 - 32,000	3870 - 4420
7 5/8	34,000 - 40,000	4700 - 5530
8 5/8	40,000 - 60,000	5530 - 8300