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Adjustable Setting Instructions

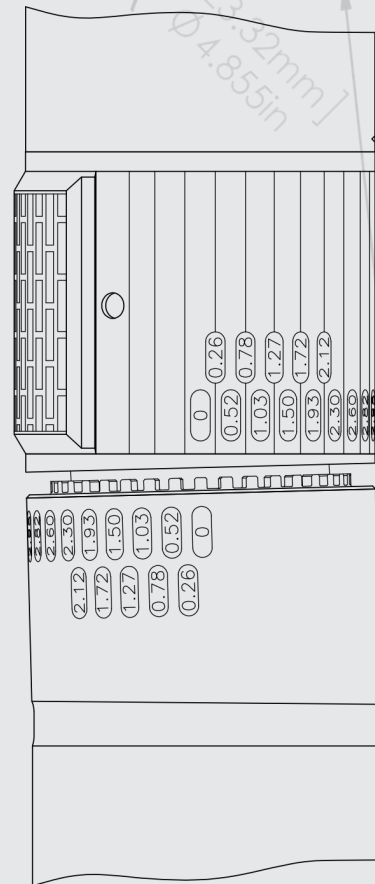
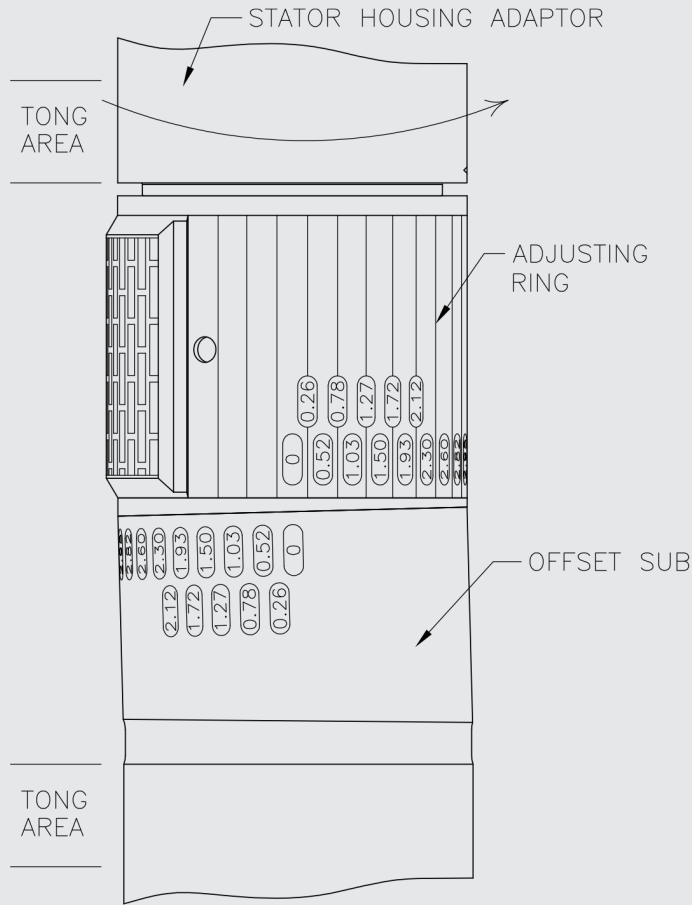


Figure 1

Break stator housing adaptor from adjusting ring using tongs on the tong areas. Now use chain tongs only. Back off stator housing adaptor 2 turns. Ensure adjusting ring remains engaged to offset sub.

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Figure 2

Place chain tongs on adjusting ring and lift up to disengage teeth. Rotate adjusting ring cw (rotary right) to increase bend setting and ccw to decrease. Align desired bend setting value on adjusting ring with the same number on the offset sub and engage adjusting ring with offset sub. The setting figure 3 is 1.72°



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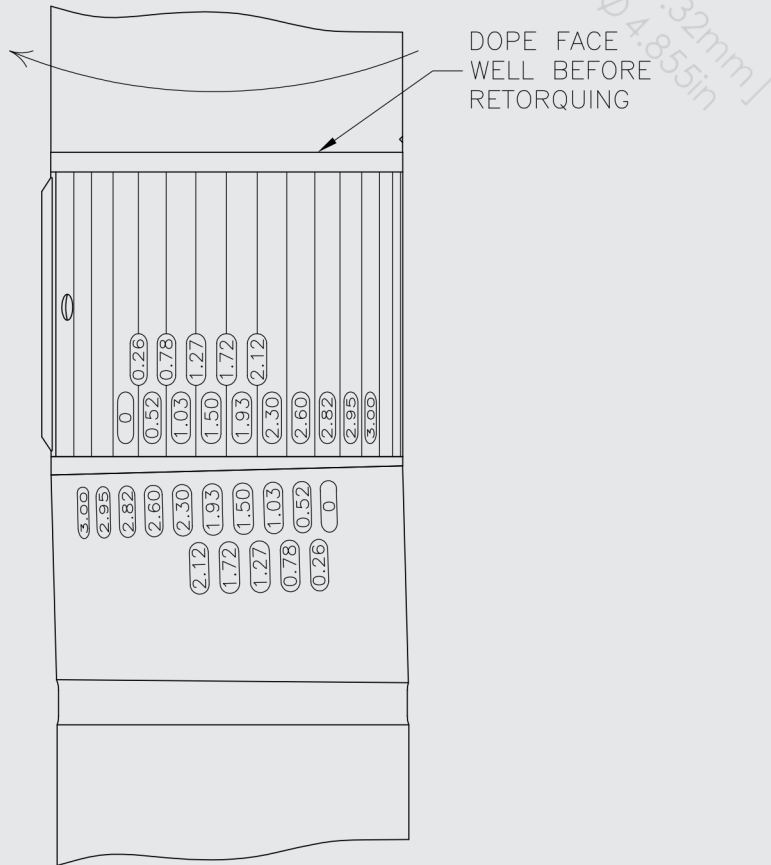


Figure 3

The aligned numbers mark the bend angle and the high side of the bend. Dope the adjusting ring face well and torque the stator housing adaptor as per spec on reverse. Do not allow adjusting ring to rotate cw (ie. Rotary right) beyond a 3° setting or ccw beyond a 0° setting. If the adjustment range is lost the adjustable assembly must be reset.

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Adjustable Setting Instructions Torque Specifications

Motor Size	Adjustable Torque Values		Stabilizer Torque Values	
	Imperial	Metric	Imperial	Metric
3 1/2"	5,000 ft-lbs	6,800 Nm	N/A	N/A
4 3/4"	10,000 ft-lbs	14,000 N-m	5,000 ft-lbs	6,800 Nm
6 3/4"	30,000 ft-lbs	40,000 N-m	10,000 ft-lbs	14,000 Nm
8"	45,000 ft-lbs	61,000 N-m	15,000 ft-lbs	20,000 Nm

Adjustable Bent Housing Reset Procedure

1. Place chain tongs on adjusting ring and disengage from offset sub.
2. Turn the adjusting ring cw (ie rotary right) until the bent mandrel (which is splined to the adjusting ring) bottoms out in the offset sub.
3. With adjusting ring still disengaged, rotate ccw until a 3° bend setting is attained (ie "3.00" On the adjusting ring lines up with "3.00" On the offset sub).
4. To set to 0, rotate ccw until the "0.00's" line up.

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