

Baldor•Dodge TXT/HXT: Customer Shaft Length Requirements

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October 29, 2015

On Baldor•Dodge Torque-Arm (TXT) reducers, the driven shaft must extend through the output hub as specified below. The minimum shaft length, as measured from the end of the shaft to the outer edge of the bushing flange (see Figure 1), is given in Table 1. This dimension does not include dimension "A". Dimension "A" is found in Table 2 and should be added to the minimum shaft length to allow for the removal of the bushings at disassembly.

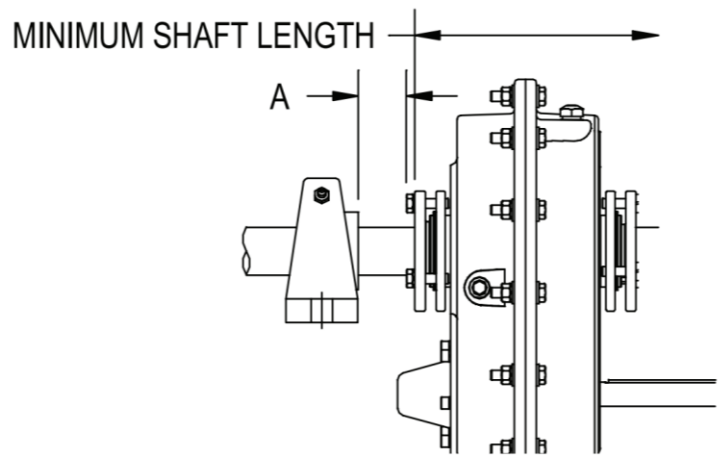


Figure 1 – Minimum Recommend Dimensions

Table 1 - Minimum Required Shaft Length		
Reducer Size	Taper Bushing	Straight Bushing
TXT1A	6-1/2	5-5/8
TXT2A	6-3/4	5-13/16
TXT3B	8-9/16	7-11/16
TXT4B	9-5/16	8-1/4
TXT5C	9-3/4	8-11/16
TXT6A	10-3/4	9-5/8
TXT7A	11-15/16	10-3/4
TXT8A	13-1/8	11-3/8
TXT9A	13-0	11-3/8
TXT10A	14-3/16	12-3/8

Table 2 - Bushing Screw Clearance "A" for Taper Bushing
1-1/4
1-1/4
1-1/2
1-3/4
1-13/16
1-13/16
2-1/16
2-1/16
2-7/16
2-7/16