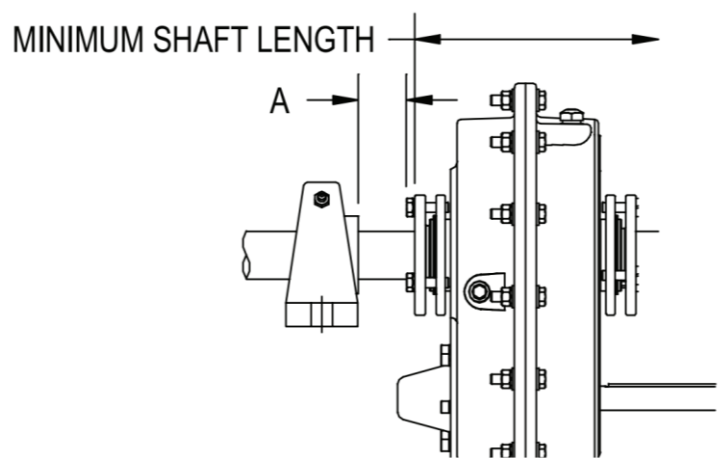


**Baldor•Dodge TAI: Customer Shaft Length Requirements**

C.O. Engineering - Gearing  
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On Baldor•Dodge Torque-Arm II (TAII) 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 1 and should be added to the minimum shaft length to allow for the removal of the bushings at disassembly.



**Figure 1 – Minimum Recommended Dimensions**

<b>Table 1 - Minimum Required Shaft Lengths</b>			
<b>Reducer Size</b>	<b>Standard Taper Bushing</b>	<b>Short Shaft Bushing</b>	<b>Bushing Screw Clearance "A"</b>
TA0107L	6.83	4.32	1.08
TA1107H	6.95	4.43	1.20
TA2115H	7.80	4.80	1.20
TA3203H	8.55	5.46	1.20
TA4207H	8.94	5.66	1.48
TA5215H	10.33	6.35	1.81
TA6307H	10.82	6.72	1.81
TA7315H	11.87	7.62	2.06
TA8407H	12.82	8.10	2.06
TA9415H	13.74	8.56	2.39
TA10507H	15.46	9.67	2.39
TA12608H	18.32	11.60	2.39