

Dodge® Torque-Arm family: shaft dimensional requirements

All Torque-Arm Family reducers that are shaft mounted must have a shaft that is designed and machined properly so that the gearbox will fit and be concentric to the shaft. This includes the diameter, keyway width, keyway depth, and the length of the diameter and keyway. Improper design or machining of these features will cause the reducer not to go on the shaft when mounting, have excessive movement of the reducer when running, or will make it hard to remove the inboard bushing of tapered bore reducers.

Shaft requirements are listed in Torque-Arm catalogs and manuals, but this white paper will put tolerances and dimensions to these requirements that are easier to measure when the shaft is being produced. Most of these tolerances are in line with commercial shaft tolerance, AGMA, and/or ISO tolerances.

Each Torque-Arm family reducer will be listed with all the appropriate bushing sizes for each reducer. This will be for all ratios and variations of the reducers (except screw conveyor drives that use the screw conveyor adapter and a driveshaft).

It will start with TXT for standard shafts only, move on to TAII/MTA for standard shafts, and then finish with TAII/MTA for metric shafts. See the table of contents on the next pages to help find the gearbox and shaft that you are looking for.

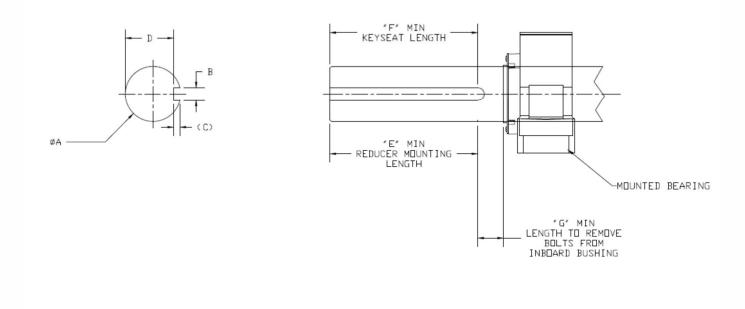


Figure 1. Shaft Requirements



TXT Reducers for Standard Shafts	Page #
TXT1 (standard shafts)	4
TXT2 (standard shafts)	4
TXT3 (standard shafts)	5
TXT4 (standard shafts)	5
TXT5 (standard shafts)	6
TXT6 (standard shafts)	6
TXT7 (standard shafts)	7
TXT8 (standard shafts)	7
TXT9 (standard shafts)	8
TXT10 (standard shafts)	8
TXT12 (standard shafts)	9
TXT13 (standard shafts)	9
TXT14 (standard shafts)	10
TXT15 (standard shafts)	10
TAII/MTA Reducers for Standard Shafts	Page #
TA0107L (standard shafts)	11
TA1107H (standard shafts)	11

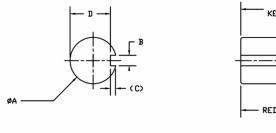


TA2115H/MTA2115H (standard shafts)	12
TA3203H/MTA3203H (standard shafts)	12
TA4207H/MTA4207H (standard shafts)	13
TA5215H/MTA5215H (standard shafts)	13
TA6307H/MTA6307H (standard shafts)	14
TA7315H/MTA7315H (standard shafts)	14





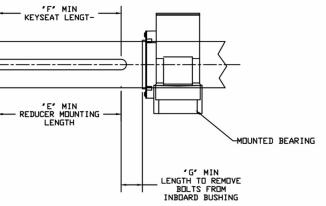
REQUIREMENTS TO MOUNT TXT1 REDUCER ON SHAFT



В

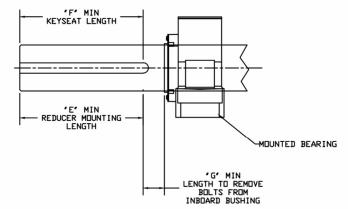
(C)

ØΑ



	TXT1 REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	A	В	С	D	E	F	G					
1-7/16	1. 4375+0. 000	0. 375+0. 002	3/16	1. 225+0. 000 1. 225-0. 005		TAPERED BORE: 6-7/16' STRAIGHT BORE: 2'						
1-3/8		0. 313+0. 002	5/32	1. 200+0. 000 -0. 005		TAPERED BORE: 6-7/16' STRAIGHT BORE: N/A						
1-5/16			5/32	1. 137+0. 000		TAPERED BORE: 6-7/16" STRAIGHT BORE: 2"						
1-1/4		0. 250+0. 002	1/8	1. 112+0. 000	TAPERED BORE: 6-1/2" STRAIGHT BORE: 5-5/8"	TAPERED BORE: 6-7/16' STRAIGHT BORE: 2'	TAPERED BORE: 1-1/4" STRAIGHT BORE: N/A					
1-3/16	1. 1875 <u>+0. 000</u> -0. 002	0. 250+0. 002	1/8	1. 049+0. 000 -0. 005		TAPERED BORE: 6-7/16' STRAIGHT BORE: 2'						
1-1/8	1. 125+0. 000 -0. 002	0. 250+0. 002	1/8	0. 985+0. 000		TAPERED BORE: 6-7/16" STRAIGHT BORE: 1-3/4"						
1	1. 000+0. 000	0. 250+0. 002	1/8	0. 859+0. 000 -0. 005		TAPERED BORE: 6-7/16' STRAIGHT BORE: 1-3/4'						

REQUIREMENTS TO MOUNT TXT2 REDUCER ON SHAFT

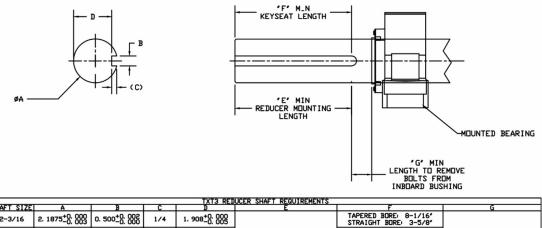


	TXT2 REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	Α	В	С	D	E	F	G					
1-15/16	1. 9375 ^{+0.} 000 -0. 003	0. 500+0. 002	1/4	1. 654 ^{+0.} 000 -0. 005		TAPERED BORE: 6-11/16' STRAIGHT BORE: 2-1/2'						
1-3/4	1. 750 ^{+0.} 000 -0. 003	0. 375+0. 002	3/16	1. 542+0. 000 1. 542-0. 005		TAPERED BORE: 6-11/16' STRAIGHT BORE: 2-7/8'						
1-11/16	1. 6875 <u>+0. 000</u> -0. 003	0. 375+0. 002	3/16	1. 478 ^{+0.} 000 -0. 005		TAPERED BORE: 6-11/16' STRAIGHT BORE: 2-7/8'						
1-5/8	1. 625+0. 000	0. 375+0. 002	3/16	1. 415+0. 000 1. 415-0. 005		TAPERED BORE: 6-11/16' STRAIGHT BORE: 2-7/8'						
1-1/2	1. 500+0. 000	0. 375+0. 002	3/16	1. 288+0. 000 1. 288-0. 005	TAPERED BORE: 6-3/4"	TAPERED BORE: 6-11/16' STRAIGHT BORE: 2-1/2'						
1-7/16	1. 4375+0. 000	0 375+0 002	3/16	1. 225_0. 000	STRAIGHT BORE: 5-13/16	TAPERED 30RE: 6-11/16" STRAIGHT 30RE: 2-1/2"	TAPERED BORE: 1-1/4" STRAIGHT BORE: N/A					
86 ¥+32⁄8 4-5	703752818882	maggate geo	nc \$⁄32 ria	10 000	lolland Road, Simpsonvill		ndustrial.com					
1-5/16	1 3125+0.000	0 313+0 002	5/32	yright +0,000 1,137-0,005	Industrial Inc. 2021, 202	STRAIGHT BORE 2"						
1-1/4	1. 250+0. 000	0 250+0 002	1/8	1. 112-0. 000		TAPERED 30RE: 6-11/16" STRAIGHT BORE: 2"						
1-3/16	1. 1875_0. 000	0. 250+0. 002	1/8	1. 049+0. 000		TAPERED 30RE: 6-11/16" STRAIGHT BORE: 2"						
1-1/8	1. 125+0. 000	0. 250+0. 002	1/8	0. 985 <u>+0. 000</u>		TAPERED BORE: 6-11/16" STRAIGHT BORE: N/A						

ø۵

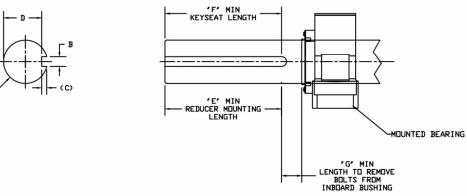


REQUIREMENTS TO MOUNT TXT3 REDUCER ON SHAFT



SHAFT SIZE	A	В	C	D	E	E E E	6
2-3/16	2. 1875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 908+0. 000 -0. 005		TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-5/8'	
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000 -0. 005		TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-5/8'	
1-15/16	1. 9375 ^{+0.} 000 -0. 003	0. 500+0, 002	1/4	1. 654+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-5/8'	
1-7/8	1. 875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 591 <u>+0. 000</u> 1. 591 <u>-0. 005</u>		TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-5/8'	
1-3/4	1. 750 ^{+0.} 000 -0. 003	0. 375+0. 002	3/16	1. 542+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-1/4'	
1-11/16	1. 6875 ^{+0.} 000 -0. 003	0. 375+0. 002	3/16	1. 478+0. 000	TAPERED BORE: 8-9/16" STRAIGHT BORE: 7-11/16"	TAPERED BORE: 8-1/16' STRAIGHT BORE: 3-1/4'	TAPERED BORE: 1-1/2' STRAIGHT BORE: N/A
1-5/8	1. 625 <u>+0. 000</u>	0. 375+0. 002	3/16	1. 415+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 2-1/4'	
1-1/2	1. 500+0. 000	0. 375+0. 002	3/16	1. 288+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 2-1/4'	
1-7/16	1. 4375+0. 000	0. 375+0. 002	3/16	1. 225+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 2-1/4'	
1-3/8	1. 375+0. 000 -0. 002	0. 313+0. 002	5/32	1. 200+0. 000		TAPERED BORE: 8-1/16' STRAIGHT BORE: 2-1/4'	
1-5/16	1. 3125 ^{+0.} 000 -0. 002	0. 313+0. 002	5/32	1. 137+0. 000 -0. 005		TAPERED BORE: 8-1/16' STRAIGHT BORE: 2-1/4'	

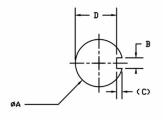
REQUIREMENTS TO MOUNT TXT4 REDUCER ON SHAFT

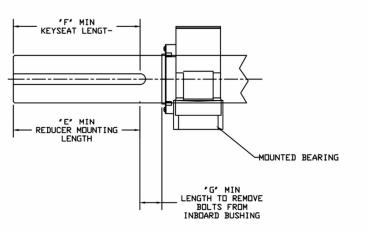


	SHAFT SIZE	A	B	С	D	UCER SHAFT REQUIREMENTS E	F	G
	2-7/16	2. 4375+0. 000	0. 625+0. 003	5/16	2. 084+0. 000		TAPERED BORE: 9-1/32' STRAIGHT BORE: 3-3/8'	
	2-1/4	2. 250+0. 000	0. 500+0. 002	1/4	1. 971+0. 000		TAPERED BORE: 9-1/32' STRAIGHT BORE: 3-3/8'	
	2-3/16	2. 1875+0. 000	0. 500+0. 002	1/4	1. 908+0. 000		TAPERED BORE: 9-1/32' STRAIGHT BORE: 3-3/8'	
	2-1/8	2. 125+0. 000	0. 500+0. 002	1/4	1. 845+0. 000		TAPERED BORE: 9-1/32' STRAIGHT BORE: 3-3/8'	
	2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000	TAPERED BORE: 9-5/16"	TAPERED BORE: 9-1/32' STRAIGHT BORE: 4'	TAPERED BORE: 1-3/4"
	1-15/16	1. 9375_0. 000	0 500+0.002	1/4	1. 654+0. 000	STRAIGHT BORE: 8-1/4"	TAPERED BORE: 9-1/32' STRAIGH BORE: 4'	STRAIGHT BORE: N/A
	1-3/4	1. 750+0. 000	0 375+0.002	3/16	1. 542+0. 000		TAPERED BORE 9-1/32" STRAIGHT BORE 2-7/16"	
864-284	57-90/16e	ngi 6875101000	00015t8: 888	strialeco		lland Road, Simpson	STRAIGHT BURE 2-7/16	lodgeindustrial.com
	1-1/2	1. 500+0 000	0 375+0.002	3/16	1. 288_0. 005	idustrial Inc. 2021, 2	STRAIGHT BORE 9-1/32'	
	1 7/16	1. 4375+0. 000	0. 375+0. 002	3/16	1. 225_0. 000		TAPERED BORE 9-1/32' STRAIGHT BORE 2-7/16'	



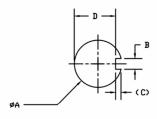
REQUIREMENTS TO MOUNT TXT5 REDUCER ON SHAFT

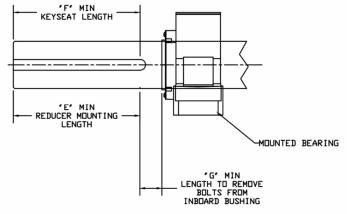




				TXT5 REI	DUCER SHAFT REQUIREMENTS		
SHAFT SIZE	A	В	С	D	E	F	G
2-15/16	2. 9375+0. 000 -0. 004	0. 750 ^{+0.} 003 -0. 000	3/8	2. 513+0. 000 -0. 006		TAPERED BORE: 9-3/8' STRAIGHT BORE: 4-3/8'	
2-11/16	2. 6875 + 0. 000 -0. 004	0. 625+0. 003	5/16	2. 338+0. 000		TAPERED BORE: 9-3/8' STRAIGHT BORE: 4-3/8'	
2-1/2	2. 500+0. 000 -0. 003	0. 625+0. 003	5/16	2. 147+0. 000 -0. 006	TAPERED BORE 9-3/4"	TAPERED BORE: 9-3/8' STRAIGHT BORE: 4-3/8'	
2-7/16	2. 4375 ^{+0.} 000 -0. 003	0. 625+0. 003	5/16	2. 084 ^{+0, 000} -0, 006		TAPERED BORE: 9-3/8' STRAIGHT BORE: 4-3/8'	TAPERED BORE: 1-13/16
2-1/4	2. 250+0. 000 -0. 003	0. 500+0. 002	1/4	1. 971 <u>+0. 000</u> 1. 971 <u>-0. 005</u>	STRAIGHT BORE 8-11/16'	TAPERED BORE: 9-3/8" STRAIGHT BORE: 3"	STRAIGHT BORE: N/A
2-3/16	2. 1875 ^{+0, 000} -0, 003	0. 500+0. 002	1/4	1. 908+0. 000 -0. 005		TAPERED BORE: 9-3/8" STRAIGHT BORE: 3"	
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000 -0. 005		TAPERED BORE: 9-3/8" STRAIGHT BORE: 3"	
1-15/16	1. 9375 ^{+0, 000} -0, 003	0. 500+0. 002	1/4	1. 654 ^{+0.} 000 -0. 005		TAPERED BORE: 9-3/8' STRAIGHT BORE: 3'	

REQUIREMENTS TO MOUNT TXT6 REDUCER ON SHAFT

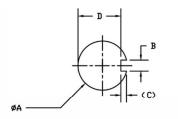


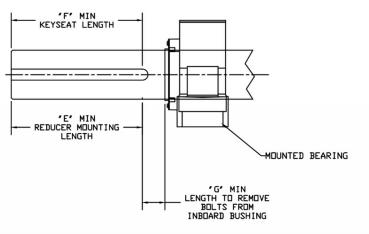


	TXT6 REDUCER SHAFT REQUIREMENTS												
SHAFT SIZE	A	В	С	D	E	F	G						
3-7/16	3. 4375+0. 000 -0. 004	0. 875+0. 003 -0. 000	7/16	2. 943+0. 000 -0. 006		TAPERED BORE: 10-11/16" STRAIGHT BORE: 5-7/8"							
3	3. 000 + 0. 000 -0. 004	0. 750+0. 003	3/8	2. 577+0. 000 -0. 006		TAPERED BORE: 10-11/16' STRAIGHT BORE: 5-7/8'							
2-15/16	2. 9375+0. 000 -0. 004	0. 750+0. 003	3/8	2. 513+0. 000		TAPERED BORE: 10-11/16' STRAIGHT BORE: 5-7/8'							
2-7/8	2. 875+0. 000 -0. 004	0 750+0 003	3/8	2. 450-0. 000		TAPERED 30RE: 10-11/16' STRAIG⊢ 30RE: 5-7/8'							
204-28 4-	52.6875±91884	eoinezst8c683	in duss ria	. @ 338 _0.000 ⊢	OIISTRAIGHT BORE 110-3/41	JAPERED BURE A 10 11/16 in	DUSTRAIGHT BORE: 1-13/16'						
2-1/2	2 500 <u>+0.000</u>	0 625+0 003	5/16	2. 147-0 006	ndustrial Inc. 2021, 2023	TAPERED 30RE: 10-11/16' STRAIGHT BORE 3-1/2'							
2-7/16	2. 4375+0. 000 -0. 003	0 625+0 003	5/16	2. 084-0. 000		TAPERED 30RE: 10-11/16' STRAIGHT BORE: 3-1/2'							
2-1/4	2. 250+0. 000 -0. 003	0. 500+0. 002	1/4	1. 971 <u>+0. 000</u> 1. 971 <u>-0. 005</u>		TAPERED 3DRE: 10-11/16' STRAIGHT BDRE: 3-1/2'							
2-3/16	2. 1875 ^{+0.} 000 -0. 003	0. 500+0. 002	1/4	1. 908+0. 000		TAPERED BORE: 10-11/16' STRAIGHT BORE: 3-1/2'							

REQUIREMENTS TO MOUNT TXT7 REDUCER ON SHAFT



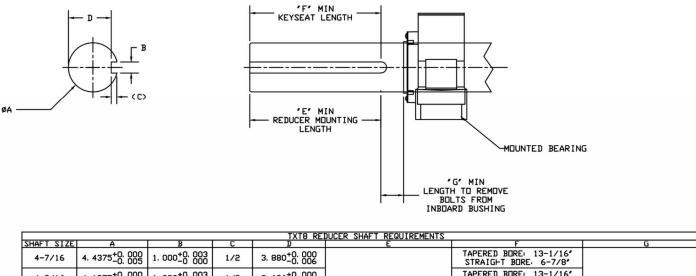




	TXT7 REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	A	B	C	D	E	F	G				
3-15/16	3. 9375+0. 000 -0. 004	$1.\ 000\substack{+0.\\-0.}{000}$	1/2	3. 372 ^{+0.} 000 -0. 006		TAPERED BORE: 11-27/32" STRAIGHT BORE: 4-7/8"					
3-7/16	3. 4375 ^{+0.} 000 -0. 004	0. 875+0. 003	7/16	2. 943+0. 000 -0. 006		TAPERED BORE: 11-27/32' STRAIGHT BORE: 6-3/8'					
3-3/16	3. 1875+0. 000 -0. 004	0. 750+0. 003 -0. 000	3/8	2. 767+0. 000 -0. 006		TAPERED BORE: 11-27/32" STRAIGHT BORE: 6-3/8"					
3	3. 000 + 0. 000 -0. 004	0. 750 <u>+0. 003</u> -0. 000	3/8	2. 577+0. 000 -0. 006	TAPERED BORE: 11-15/16" STRAIGHT BORE: 10-3/4"	TAPERED BORE: 11-27/32' STRAIGHT BORE: 6-3/8'	TAPERED BORE: 2-1/16' STRAIGHT BORE: N/A				
2-15/16	2. 9375+0. 000 -0. 004	0. 750+0. 003 -0. 000	3/8	2. 513+0. 000 -0. 006		TAPERED BORE: 11-27/32' STRAIGHT BORE: 4-7/8'					
2-11/16	2. 6875+0. 000 -0. 004	0. 625+0. 003	5/16	2. 338+0. 000		TAPERED BORE: 11-27/32' STRAIGHT BORE: 3-1/2'					
2-7/16	2. 4375 <u>+0. 000</u>	0. 625+0. 003	5/16	2. 084+0. 000 -0. 006		TAPERED BORE: 11-27/32" STRAIGHT BORE: 3-1/2"					

REQUIREMENTS TO MOUNT TXT8 REDUCER ON SHAFT

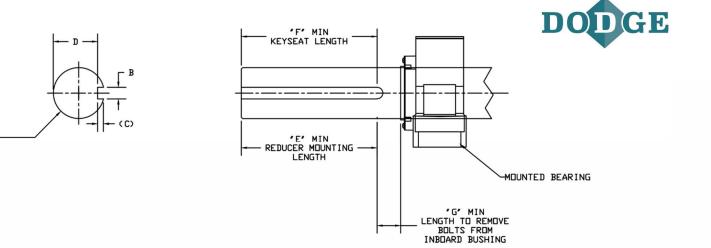




4-3/16	4. 1875 <u>+0. 000</u> -0. 005	$1.000^{+0.003}_{-0.000}$	1/2	3. 626 ^{+0.} 000		TAPERED BORE: 13-1/16" STRAIGHT BORE: 6-7/8"	
3-15/16	3. 9375 ⁺⁰ 000 -0. 004	1. 000+0 003	1/2	3. 372+0. 000 -0. 006	TAPERED BORE: 13-1/8" STRAIGHT BORE: 11-3 8"	TAPERED BORE: 13-1/16" STRAIGHT BORE: 6-7/8"	TAPERED BORE: 2-1/16" STRAIGHT BORE: N/A
3-7/16	3. 4375 ^{+0.} 000 -0 004	0. 875+0 003	7/16	2. 943 ^{+0.} 000 -0. 006		TAPERED BORE: 13-1/16" STRAIGHT BORE: 6-7/8"	
2-15/16	2. 9375 ^{+0.} 000 -0. 004	0. 750+0 003	3/8	2. 513+0. 000 -0. 006		TAPERED BORE: 13-1/16" STRAIGHT BORE: 4-3/8"	

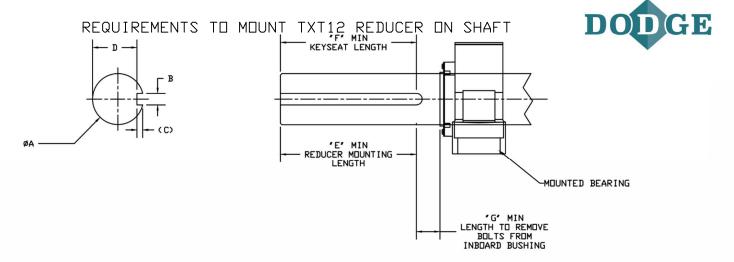
7 REQUIREMENTS TO MOUNT TXT9 REDUCER ON SHAFT

ØA



				TXT9 REI	DUCER SHAFT REQUIREMENTS		
SHAFT SIZE	A	В	С	D	ы	F	G
4-15/16	4. 9375 ^{+0.} 000 -0. 005	1. 250+0. 004 -0. 000	5/8	4. 232+0. 000 -0. 007	TAPERED BORE: 13'	TAPERED BORE: 12-15/16' STRAIGHT BORE: 11-3/8'	
4-7/16	4. 4375 ^{+0.} 000 -0. 005	1. 000+0. 003 -0. 000	1/2	3. 880+0. 000 -0. 006		TAPERED BORE: 12-15/16' STRAIGHT BORE: 11-3/8'	TAPERED BORE: 2-7/16"
3-15/16	3. 9375 ^{+0.} 000 -0. 004	1. 000+0. 003	1/2	3. 372+0. 000 -0. 006	STRAIGHT BORE: 11-3/8"	TAPERED BORE: 12-15/16' STRAIGHT BORE: 11-3/8'	STRAIGHT BORE: N/A
3-7/16	3. 4375 ^{+0, 000} -0, 004	0. 875+0. 003 -0. 000	7/16	2. 943+0. 000 -0. 006		TAPERED BORE: 12-15/16' STRAIGHT BORE: 5'	

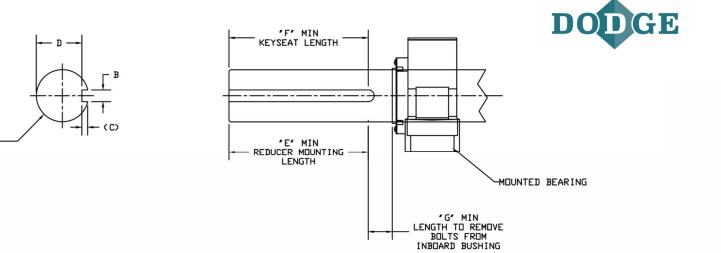
REQUIREMENTS TO MOUNT TXT10 REDUCER ON SHAFT



	TXT10 REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	A	В	С	D	E	F	G					
5-7/16	5. 4375+0. 000 -0. 005	1. 250+0. 004 -0. 000	5/8	4. 739 ⁺⁰ 000 -0. 007		TAPERED BORE: 14-1/16" STRAIGH BORE: 12-3/8"						
4-15/16	4. 9375+0. 000 -0. 005	1. 250+0. 004 -0. 000	5/8	4. 232 ⁺⁰ 000 -0. 007	TAPERED BORE: 14-3/16	TAPERED BORE: 14-1/16" STRAIGHT BORE 12-3/8"	TAPERED BORE: 2-7/16					
4-7/16	4. 4375_0. 000	$1.\ 000\substack{-0.\\-0.\\000}$	1/2	3. 880+0. 000 -0 006	STRAIGHT BOPE 12-3/8"	TAPERED BORE 14-1/16" STRAIGHT BORE 12-3/8"	STRAIGHT 3DRE: N/A					
3-15/16	3. 9375 ^{+0. 000}	$1.\ 000\substack{-0.\\-0.}\limits^{-0.} \substack{003\\-000}$	1/2	3. 372 ^{-0. 000}		TAPERED BOPE: 14-1/16" STRAIGHT BORE: 6-5/8"						

8

ØA



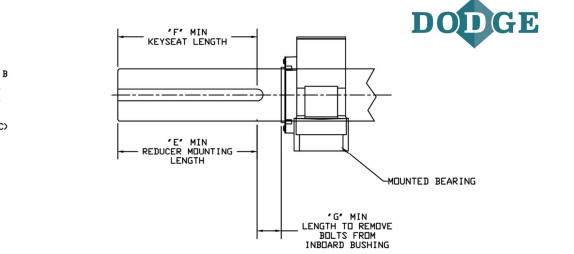
	TXT12 REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	Α	В	С	D	E	F	G				
6-1/2	6. 500+0. 000	1. 500+0. 004	3/4	5. 662+0. 000 -0. 008							
6-7/16	6. 4375 ^{+0.} 000 -0. 006	1. 500+0. 004	3/4	5. 598+0. 000 -0. 008							
6	6. 000 <u>+0. 000</u> -0. 005	1. 500+0. 004	3/4	5. 154+0. 000 -0. 007	17-3/8*	17-5/16*	2-7/16*				
5-15/16	5. 9375 <u>+0. 000</u>	1. 500+0. 004	3/4	5. 091+0. 000 -0. 007							
5-7/16	5. 4375 ^{+0.} 000 -0. 005	1. 250 ^{+0.} 004 -0. 000	5/8	4. 739 ^{+0.} 000 -0. 007							

REQUIREMENTS TO MOUNT TDT13 REDUCER ON SHAFT

ØA

п

 $\langle c \rangle$

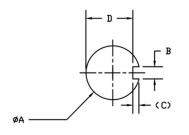


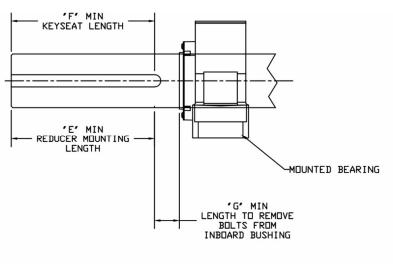
	TDT13 REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	A	В	С	D	E	F	G				
7	7. 000+0. 000 -0. 006	1. 750+0. 004 -0. 000	3/4	6. 138 ⁺⁰ 000 -0. 008							
6-1/2	6. 500 <u>-</u> 0, 000 -0 006	1. 500+0. 004	3/4	5. 662+0 000 008	19 7/8	19-9/16*	2 11/16*				
6	6. 000 <u>+0. 000</u> -0. 005	1. 500_0. 004	3/4	5. 154+0. 000 -0. 007	19 778	17-9/16	2 11/16				
5-15/16	5. 9375_0. 000 _0. 005	1. 500 ^{+0, 004} 0, 000	3/4	5. 091 <u>-0. 000</u> -0 007							

9

REQUIREMENTS TO MOUNT TDT14 REDUCER ON SHAFT

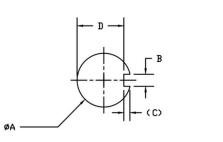


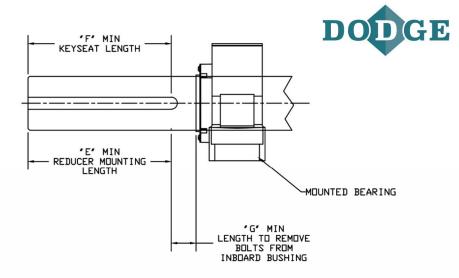




	TDT14 REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	A	В	С	D	E	F	G				
8	8. 000 ^{+0.} 000 -0. 006	2. 000+0. 004	3/4	7. 122+0. 000 7. 122-0. 008							
7	7. 000+0. 000 -0. 006	1. 750+0. 004 -0. 000	3/4	6. 138 ^{+0.} 000 -0. 008	22-3/8*	22-1/4'	24				
6-1/2	6. 500+0. 000 -0. 006	1. 500+0. 004 -0. 000	3/4	5. 662+0. 000 -0. 008	22-3/8	22-1/4	3				
6	6. 000 <u>+0. 000</u> -0. 005	1. 500+0. 004 -0. 000	3/4	5. 154+0. 000 -0. 007							

REQUIREMENTS TO MOUNT TDT15 REDUCER ON SHAFT



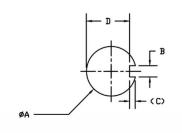


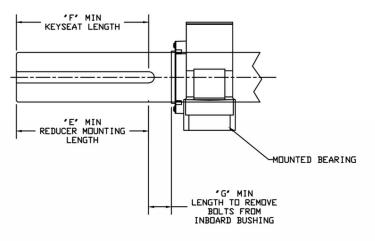
	TDT15 REDUCER SHAFT REQUIREMENTS									
SHAFT SIZE	A	В	С	D	E	F	G			
10	10. $000^{+0}_{-0.008}$	2. 500+0. 004	7/8	8. 966 ^{+0, 000} -0, 008						
9	9. 000 ^{+0.} 000 -0. 007	2 000+0 004	3/4	8. 137 ^{+0, 000} -0 008	27-3/8'	27 5/16*	3'			
8-1/2	8. 500+0. 000 -0. 007	2. 000+0. 004	3/4	7. 630 ⁺⁰ 000 -0. 008	27-378	27 5716	3			
8	8. 000 <u>+0. 000</u> -0. 006	2. 000 ^{+0.} 004	3/4	7. 122 <u>+0. 000</u> 7. 122 <u>-0. 0 8</u>						

10

REQUIREM NTS TO MOUNT TA0107L REDUCER ON SHAFT

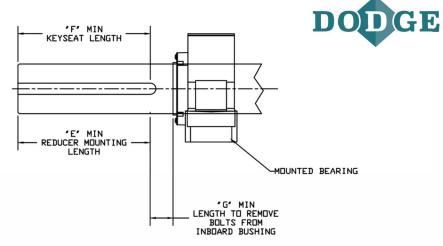


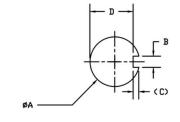




	TA0107L REDUCER SHAFT REQUIREMENTS									
SHAFT SIZE	A	В	C	D	E	F	G			
1-7/16	1. 4375 ^{+0.} 000 -0. 002	0. 375+0. 002	3/16	1. 225+0. 000	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A				
1-3/8	1. 375+0. 000 -0. 002	0. 313+0. 002	5/32	1. 200+0. 000 -0. 005	Standard Shaft: 6.83" Short Shaft: N/A	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A				
1-5/16	1. 3125+0. 000 -0. 002	0. 313+0. 002	5/32	1. 137+0. 000 -0. 005	Standard Shaft: 6.83" Short Shaft: N/A	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A				
1-1/4	1. 250+0. 000 -0. 002	0. 250+0. 002	1/8	1. 112+0. 000	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A	1. 08*			
1-3/16	1. 1875+0. 000 -0. 002	0. 250+0. 002	1/8	1. 049+0. 000	STANDARD SHAFT: 6.83" SHORT SHAFT: 4.35"	STANDARD SHAFT: 6.83" SHORT SHAFT: 4.35"				
1-1/8	1. 125+0. 000 1. 125-0. 002	0. 250+0. 002	1/8	0. 985+0, 000 -0. 005	Standard Shaft: 6.83" Short Shaft: 4.35"	STANDARD SHAFT: 6.83" SHORT SHAFT: 4.35"				
1	1. 000+0. 000 -0. 002	0. 250+0. 002	1/8	0. 859+0. 000 -0. 005	Standard Shaft: 6,83" Short Shaft: 4,35"	Standard Shaft: 6,83" Short Shaft: 4,35"				

REQUIREMENTS TO MOUNT TA1107H REDUCER ON SHAFT



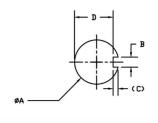


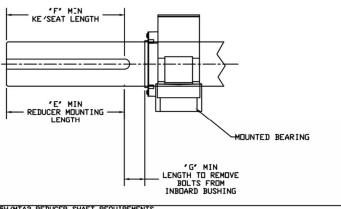
				TA1107H R	DUCER SHAFT REQUIREMENTS		
SHAFT SIZE	Α	В	С		E	F	G
1-1/2	1. 500+0. 000 -0. 002	0. 375+0. 002	3/16	1. 288+0. 000 1. 288-0. 005	Standard Shaft: 6.95" Short Shaft: N/A	STANDARD SHAFT: 6.83" SHORT SHAFT: N/A	
1-7/16	1. 4375 ^{+0.} 000 -0. 002	0. 375+0. 002	3/16	1. 225+0. 000 1. 225-0. 005	Standard Shaft: 6.95" Short Shaft: 4.43"	Standard Shaft: 6.95" Short Shaft: 4.43"	
1-3/8	1. 375 ^{-0, 000} -0, 002	0. 313+0. 002	5/32	1. 200+0. 000	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"	
1-5/16	1. 3125+0. 000	0. 313+0. 002	5/32	1. 137_0. 000	STANDARD SHAFT: 6.95' SHORT SHAFT: 4.43'	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"]
1-1/4	1 250+0.000 -0.002	0 250+0 002	1/8	1. 112-0. 000	STANDARD SHAFT: 6.95' SHORT SHAFT: 4.43'	STANDARD SHAFT: 6,95" SHORT SHAFT: 4,43"	1. 20*
1-3/16	1. 1875+0. 000	0 250+0 002	1/8	1. 049_0. 000	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"	
1-1/8	1. 125+0. 000 -0. 002	0. 250+0 002	1/8	0. 985+0. 000 -0. 005	STANDARD S-AFT: 6.95" SHORT SHAFT: 4.43"	STANJARD SHAFT: 6.95" SHORT SHAFT: 4.43"	
1-1/16	1. 0625+0. 000	0 250+0.002	1/8	0. 922 <u>-0. 000</u>	STANDARD SHAFT: 6.95" SHORT SHAFT: 4.43"	STANJARD SHAFT: 6, 95" SHORT SHAFT: 4, 43"	
1	1. 000+0. 000 -0. 002	250+0 002 -0. 000	1/8	0.859_0.000 0.859_0.005	S ANDARD SHAF1: 6,95' SHORI SHAFT: 4,43'	STANDAPD SHAFT: 6.95' SHORT SHAFT: 4.43'	

11

REQUIREM NTS TO MOUNT TA2115H/MTA2 REDUCER ON SHAFT

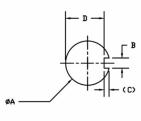


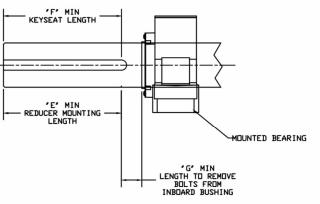




	TA2115H/MTA2 REDUCER SHAFT REQUIREMENTS									
SHAFT SIZE	A	В	C	D	E	F	G			
2-3/16	2. 1875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 908+0. 000 -0. 005	Standard Shaft: 7.81" Short Shaft: N/A	Standard Shaft: 7.80" Short Shaft: N/A				
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000 -0. 005	Standard Shaft: 7.81" Short Shaft: N/A	Standard Shaft: 7,80" Short Shaft: N/A				
1-15/16	1. 9375+0. 000 -0. 003	0. 500+0. 002	1/4	1. 654+0. 000 -0. 005	STANDARD SHAFT: 7.81" SHORT SHAFT: 4.80"	Standard Shaft: 7.80" Short Shaft: 4.80"				
1-7/8	1. 875 ^{+0.} 000 -0. 003	0. 500+0. 002	1/4	1. 591 ^{+0.} 000 -0. 005	STANDARD SHAFT: 7.81" SHORT SHAFT: 4.80"	STANDARD SHAFT: 7.80" SHORT SHAFT: 4.80"				
1-3/4	1. 750 ^{+0.} 000 -0. 003	0. 375+0. 002	3/16	1. 542+0. 000	STANDARD SHAFT: 7.81" SHORT SHAFT: 4.80"	STANDARD SHAFT: 7.80" SHORT SHAFT: 4.80"				
1-11/16	1. 6875 ^{+0.} 000 -0. 003	0. 375+0. 002	3/16	1. 478 ^{+0.} 000 -0. 005	Standard Shaft: 7.81" Short Shaft: 4.80"	STANDARD SHAFT: 7.80" SHORT SHAFT: 4.80"	1. 20*			
1-5/8	1. 625+0. 000 -0. 003	0. 375+0. 002	3/16	1. 415-0. 000	STANDARD SHAFT: 7.81" SHORT SHAFT: 4.80"	STANDARD SHAFT: 7,80" SHORT SHAFT: 4,80"				
1-1/2	1. 500+0. 000 -0. 002	0. 375+0. 002	3/16	1. 288+0. 000 -0. 005	STANDARD SHAFT: 7.81" SHORT SHAFT: 4.80"	STANDARD SHAFT: 7,80" SHORT SHAFT: 4,80"				
1-7/16	1. 4 375+0. 000 -0. 002	0. 375+0. 002	3/16	1. 225+0. 000	Standard Shaft: 7.81" Short Shaft: 4.80"	Standard Shaft: 7.80" Short Shaft: 4.80"				
1-3/8	1. 375+0. 000 -0. 002	0. 313+0. 002	5/32	1. 200+0. 000 -0. 005	Standard Shaft: 7.81" Short Shaft: 4.80"	Standard Shaft: 7.80" Short Shaft: 4.80"				
1-5/16	1. 3125+0. 000	0. 313+0. 002	5/32	1. 137+0. 000 -0. 005	Standard Shaft: 7.81" Short Shaft: 4.80"	Standard Shaft: 7.80" Short Shaft: 4.80"				

REQUIREMENTS TO MOUNT TA3203H/MTA3 REDUCER ON SHAFT



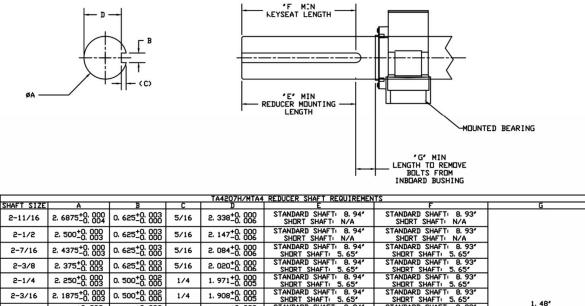


				TA3203H/MTA3	REDUCER SHAFT REQUIREMEN	TS	
SHAFT SIZE	A	В	С	D	E	F	G
2-3/8	2. 375+0. 000 -0. 003	0. 625+0. 003	5/16	2. 020+0. 000	Standard Shaft: 8.62" Short Shaft: N/A	Standard Shaft: 8.55" Short Shaft: N/A	
2-1/4	2. 250 <u>+0. 000</u>	0. 500+0. 002	1/4	1. 971 <u>+0. 000</u> 1. 971 <u>-0. 005</u>	Standard Shaft: 8,62" Short Shaft: N/A	STANDARD SHAFT: 8.55" SHORT SHAFT: N/A	
2-3/16	2. 1875 <u>+0. 000</u> -0. 003	0. 500+0. 002	1/4	1. 908+0. 000 -0. 005	Standard Shaft: 8.62" Short Shaft: 5.46"	Standard Shaft: 8.55" Short Shaft: 5.46"	
2-1/8	2. 125+0. 000	0. 500+0. 002	1/4	1.845+0.000	STANDARD SHAFT: 8.62" SHORT SHAFT: 5.46"	STANDARD SHAFT: 8,55" SHORT SHAFT: 5,46"	
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000	STANDARD SHAFT: 8.62" SHOR SHAFT: 5 46"	STANDARD SHAFT: 8.55" SHOR SHAFT: 5 46"	
1-15/16	1. 9375+0 000	0. 500+0. 002	1/4	1.654+0 000	STANDARD SHAF - 8 62" SHOR SHAF - 5 46"	STANDARD SHAF" 8 55" SHOR" SHAF" 5 46"	1. 20*
86 4-2⁄8 4-5			ein ekt str	alicont-0.000	Standard Shaft, 51463Son	STANDARD SHAFT, 8,55' VIIIeshor 234461 USS46' do	dgeindustrial.com
1-3/4	1. 750 ^{+0.} 000 -0. 003	0 375+0.002	3/160	py. 54210 000 g	e STANDARD SHAFT 54621, 2	20 STANDARD SHAFT: 8,55" SHOR SHAFT: 5,46"	
1-11/16	1. 6875+0 000	0 375+0.002	3/16	1. 478 ^{+0.} 000 -0. 005	Standard SHAFT: 8.62" Shor Shaft: 5.46"	STANDARD SHAFT: 8 55" SHORT SHAFT: 5, 46"	
1-5/8	1. 625+0. 000 -0. 003	0. 375+0. 002	3/16	1. 415_0. 000	STANDARD SHAF 8. 62" SHOR SHAF 5 46"	Standard Shaft' 8 55' Short Shaft: 5, 46'	
1-1/2	1. 500+0. 000	0 375+0.002	3/16	1. 288+0,000	STANJARD SHAF ^{-,} 8.62" SHDR ⁻ SHAF ^{-,} 5.46"	STANDARD SHAFT: 8,55" SHORT SHAFT: 5,46"	
1-7 16	1. 4375+0 000	375+0 002	3/16	1. 25+0 00	STANDARD S AF · 8 62' SHOPT SHAFI · 5 46'	STANDARD S-AFT, 8 55' SHORT S-AFI: 5 46'	



D

REQUIR MENTS TO MOUNT TA4207H/MTA4 REDUCER ON SHAFT

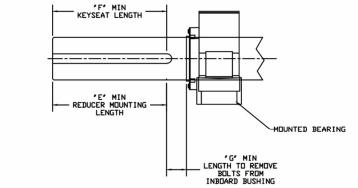


2-3/16	2. 1875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 908+0. 000 -0. 005	STANDARD SHAFT: 8.94" SHORT SHAFT: 5.65"	STANDARD SHAFT: 8.93" SHORT SHAFT: 5.65"	1. 48*
2-1/8	2. 125+0. 000 -0. 003	0. 500+0. 002	1/4	1. 845+0. 000 -0. 005	Standard Shaft: 8.94" Short Shaft: 5.65"	STANDARD SHAFT: 8, 93" SHORT SHAFT: 5, 65"	1. 48
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0. 000 -0. 005	Standard Shaft: 8.94" Short Shaft: 5.65"	STANDARD SHAFT: 8.93" SHORT SHAFT: 5.65"	
1-15/16	1. 9375+0. 000 -0. 003	0. 500+0. 002	1/4	1. 654+0. 000	Standard Shaft: 8.94" Short Shaft: 5.65"	Standard Shaft: 8,93" Short Shaft: 5,65"	
1-7/8	1. 875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 591+0. 000	STANDARD SHAFT: 8.94" SHORT SHAFT: 5.65"	STANDARD SHAFT: 8.93" SHORT SHAFT: 5.65"	
1-3/4	1. 750+0. 000 -0. 003	0. 375+0. 002	3/16	1. 542+0. 000 1. 542-0. 005	Standard Shaft: 8.94" Short Shaft: 5.65"	Standard Shaft: 8.93" Short Shaft: 5.65"	
1-11/16	1. 6875+0. 000	0. 375+0. 002	3/16	1. 478+0. 000	Standard Shaft: 8.94" Short Shaft: 5.65"	Standard Shaft: 8, 93" Short Shaft: 5, 65"	

REQUIREMENTS TO MOUNT TA5215H/MTA5 REDUCER ON SHAFT

Г₿

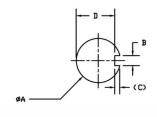
ØÅ

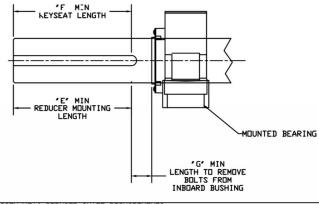


SHAFT SIZE	Δ	R	С		REDUCER SHAFT REQUIREMEN	F	6
3-3/16	3. 1875 <u>+0. 000</u>	0. 750 ^{+0.} 003 0. 750 ^{+0.} 000	3/8	2. 767+0. 000 2. 767-0. 006	STANDARD SHAFT: 10. 34" SHORT SHAFT: N/A	STANDARD SHAFT: 10.34" SHORT SHAFT: N/A	
3	3. 000 ^{+0.} 000 -0. 004	0. 750+0. 003	3/8	2. 577+0. 000 -0. 006	Standard Shaft: 10.34" Short Shaft: N/A	STANDARD SHAFT: 10, 34" SHORT SHAFT: N/A	
2-15/16	2. 9375 <u>+0. 000</u> -0. 004	0. 750+0. 003	3/8	2. 513+0. 000 -0. 006	STANDARD SHAFT: 10.34" SHORT SHAFT: 6.36"	STANDARD SHAFT: 10, 34" SHORT SHAFT: 6, 36"	
2-7/8	2. 875+0. 000 -0. 004	0. 750+0. 003	3/8	2. 450+0. 000 -0. 006	STANDARD SHAFT: 10. 34" SHORT SHAFT: 6. 36"	STANDARD SHAFT: 10. 34" SHORT SHAFT: 6. 36"	
2-11/16	2. 6875+0. 000	0. 625+0. 003	5/16	2. 338+0. 000	STANDARD SHAFT: 10.34" SHORT SHAFT: 6.36"	Standard Shaft: 10, 34" Short Shaft: 6, 36"	
2-1/2	2 500+0,000	0 625+0,003	5/16	2. 147 ^{+0.} 000 -0. 006	STANDARD SHAFT: 10.34" SHORT SHAFT: 6 36"	STANDARD SHAFT: 10, 34" SHORT SHAFT: 6, 36"	
2-7/16	2. 4375_0. 000	0. 625+0. 003	5/16	2. 084+0 000	STANDARD SHAF 10 34" SHOR SHAF 6 36"	STANDARD SHAFT 10 34" SHORT SHAFT 6 36"	1. 81*
4- 223/18 570				-0 008	HETANDAR REHALT, SHOLDS ON		odgeindustrial.com
2-1/4	2 250+0.000 -0.003	0. 500_0. 002	1/4	1. 971-0.000	STANDARD SHAFT 10, 344, SHOR SHAFT 6, 36'	SHORT SHAFT: 10 34"	
2-3/16	2. 1875-0. 000	0. 500_0, 002	1/4	1. 908+0 000	STANDARD SHAF 10 34" SHORT SHAF 6 36"	STANDARD SHAFT: 10 34" SHORT SHAFT: 6 36"	
2-1/8	2. 125+0. 000	0. 500_0. 002	1/4	1.845+0.000	STANDARD SHAFT: 10 34" SHORT SHAFT: 6 36"	STANDARD SHAF 10, 34" SHOR SHAFT 6 36"	
2	2. 000+0. 000	0. 500+0. 002	1/4	1. 718+0.000	STANDARD SHAFT 10.34" SHORT SHAFT 6 36"	Standard Shaft, 10, 34" Short Shaft, 6, 36"	
1 15/16	1. 9375-0. 000	0. 500 ^{-0. 002}	1/4	1. 654+0. 000	STANDAPD SHAFI: 10 34" SHOP SHAFI: 6, 36'	STANDARD SHAFT 10. 34" S-DR SHAFT 6 36"	



REQUIREMENTS TO MOUNT TA630711/MTA6 REDUCER ON SHAFT

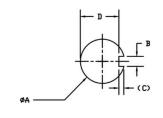




	TAG307H/MTAG REDUCER SHAFT REQUIREMENTS									
SHAFT SIZE	A	В	С	D	E	F	G			
3-7/16	3. 4375+0. 000 -0. 004	0. 875+0. 003	7/16	2. 943 ^{+0.} 000 -0. 006	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	Standard Shaft: 10.82" Short Shaft: 6.72"				
3-3/16	3. 1875+0. 000 -0. 004	0. 750+0. 003	3/8	2. 767+0. 000 -0. 006	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
3	3. 000 ^{+0.} 000 -0. 004	0. 750+0. 003	3/8	2. 577+0. 000 -0. 006	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-15/16	2. 9375 <u>+0. 000</u> -0. 004	0. 750+0. 003	3/8	2. 513+0. 000	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-7/8	2. 875+0. 000 -0. 004	0. 750+0. 003	3/8	2. 450+0. 000	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-11/16	2. 6875+0. 000 -0. 004	0. 625+0. 003	5/16	2. 338+0. 000	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"	1. 81*			
2-1/2	2. 500 <u>+0. 000</u>	0. 625+0. 003	5/16	2. 147 ^{+0.} 000 -0. 006	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-7/16	2. 4375 <u>+0. 000</u> -0. 003	0. 625+0. 003	5/16	2. 084+0. 000 -0. 006	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-3/8	2. 375+0. 000 -0. 003	0. 625+0. 003	5/16	2. 020+0. 000	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				
2-1/4	2. 250+0. 000	0. 500+0. 002	1/4	1. 971 <u>+0. 000</u> 1. 971 <u>-0. 005</u>	STANDARD SHAFT: 10.84" SHORT SHAFT: 6.72"	Standard Shaft: 10.82" Short Shaft: 6.72"				
2-3/16	2. 1875+0. 000 -0. 003	0. 500+0. 002	1/4	1. 908 ^{+0, 000} -0, 005	Standard Shaft: 10.84" Short Shaft: 6.72"	STANDARD SHAFT: 10.82" SHORT SHAFT: 6.72"				



REQUIREMENTS TO MOUNT TA7315H/MTA7 REDUCER ON SHAFT



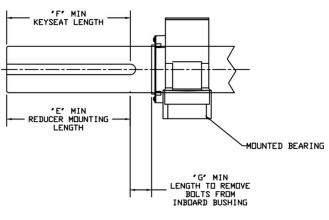
'E' MIN ← REDUCER MOUNTING	
	'G' MIN LENGTH TO REMOVE BOLTS FROM INBOARD BUSHING
5H/MTA7 REDUCER SHAFT REQUIREMEN	TS E

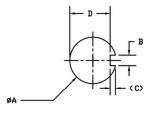
	TA7315H/MTA7 REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	A	В	С	D	E	F	G					
4-7/16	4. 4375 ^{+0.} 000 -0. 005	1. 000+0. 003	1/2	3. 880 ^{+0,} 000 -0,006	STANDARD SHAFT: 11.87" SHORT SHAFT: N/A	STANDARD SHAFT: 11.87" SHORT SHAFT: N/A						
4-3/16	4. 1875 <u>+0. 000</u> -0. 005	1. 000+0. 003	1/2	3. 626+0. 000	STANDARD SHAFT: 11.87" SHORT SHAFT: N/A	STANDARD SHAFT: 11.87" SHORT SHAFT: N/A						
3-15/16	3. 9375+0. 000 -0. 004	1. 000+0. 003	1/2	3. 372+0. 000 -0. 006	STANDARD SHAFT: 11.87" SHORT SHAFT: 7.62"	Standard Shaft: 11.87" Short Shaft: 7.62"						
3-7/16	3 4375+0.000 -0.004	0 875 <u>+0.003</u>	7/16	2. 943+0. 000 -0. 006	STANDARD SHAFT: 11.87' S-DRT SHAFT: 7 62'	STANDARD SHAFT: 11.87" SFORT SFAFT: 7.62"						
3-3/16	3. 1875-0. 000	0 750+0.003	3/8	2. 767 <u>-</u> 0. 000 -0. 006	STANDARD SHAF": 11.87" SHORT SHAFT: 7.62"	STANDARD SHAFT: 11.87" SHORT SHAFT: 7.62"						
3	3 000 ^{-0.000}	0 750+0.003	3/8	2. 577 <u>-</u> 0. 000 -0. 006	STANDARD SHAFT: 11.87" S-ORT SHAFT: 7.62"	STANDARD SHAFT 11.87" SHORT SHAFT 7 62"	2. 06*					
2-15/16	2 9375+0.000 -0.004	0. 750+0. 003	3/8	2. 513-0. 000 -0. 006	STANDARD SHAF [™] 11.87" S-DR [™] SHAFT⊨ 7 62"	STANDARD SHAFT: 11.87" SHORT SHAFT: 7.62"						
2-7/8	2. 875+0. 000 -0. 004	0. 750_0. 003	3/8	2. 450 <u>-</u> 0. 000	STANDARD S-AFT: 11.87" SHORT SHAFT: 7.62"	STANDARD SHAF 11.87" SHORT SHAFT: 7.62"						
2-11/16	2. 6875+0. 000 -0. 004	0. 625_0. 003	5/16	2. 338-0. 000	STANDARD SHAF 11.87" SHOR SHAFT: 7.62"	STANDARD SHAFT: 11.87" SHORT SHAFT: 7.62"						
2-1/2	2. 500+0. 000	0. 625+0. 003	5/16	2. 147-0. 000	STANDARD SHAFT 11.87" SHORT SHAFT 7.62"	STANDARD S-AF ^{-,} 11.87" SHORT SHAFT, 7.62"						
2 7/16	2. 4375_0. 000 _0. 003	0. 625_0. 003	5/16	. 084 ⁻ : 000 : 006	STANDARD -AF + 11.87" S-DRT SIAFI 7 62'	S ANDAPD S-AF 11 87' SHOR SHAFT: 7 62'						

14



REQUIREMENTS TO MOUNT TA8407H MTA8 REDUCER ON SHAFT

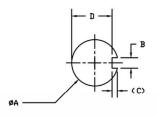


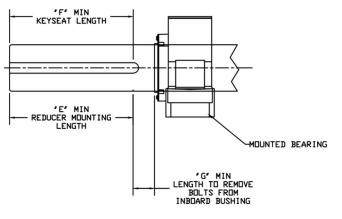


				TA8407H/MTA8	REDUCER SHAFT REQUIREMEN	TS	
SHAFT SIZE	A	В	С	D	E	F	G
4-7/16	4. 4375+0. 000	$1.\ 000^{+0.}_{-0.}\ 003\\ 000$	1/2	3. 880+0. 000 -0. 006	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	Standard Shaft: 12, 82" Short Shaft: 8, 10"	
4-3/16	4. 1875 <u>+0. 000</u> -0. 005	1. 000+0. 003	1/2	3. 626+0. 000	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	
3-15/16	3. 9375 ^{+0.} 000 -0. 004	1. 000+0. 003	1/2	3. 372+0. 000 -0. 006	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	
3-7/16	3. 4375 ^{+0, 000} -0, 004	0. 875+0. 003	7/16	2. 943+0. 000 -0. 006	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	STANDARD SHAFT: 12, 82" SHORT SHAFT: 8, 10"	2. 06*
3-3/16	3. 1875 ^{+0.} 000 -0. 004	0. 750+0. 003	3/8	2. 767+0. 000 -0. 006	STANDARD SHAFT: 12.82' SHORT SHAFT: 8.10'	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	
3		0. 750 ^{+0.} 003 -0. 000	3/8	2. 577+0. 000 -0. 006	STANDARD SHAFT: 12.82' SHORT SHAFT: 8.10'	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	
2-15/16	2. 9375+0. 000 -0. 004	0. 750+0. 003 -0. 000	3/8	2. 513+0. 000 -0. 006	STANDARD SHAFT: 12.82" SHORT SHAFT: 8.10"	Standard Shaft: 12, 82" Short Shaft: 8, 10"	



REQUIREMENTS TO MOUNT TA9415H REDUCER ON SHAFT



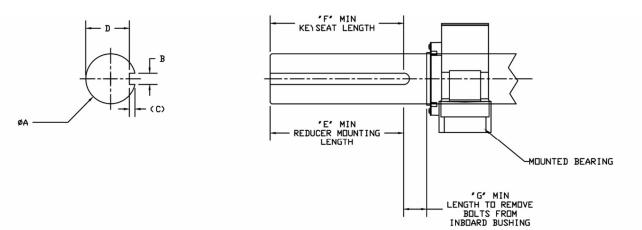


	TA9415H REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	A	В	С	D	E	F	G				
4-15/16	4. 9375+0. 000	1. 250+0. 004	5/8	4. 232+0. 000 -0. 007	STANDARD SHAFT: 13.75" SHORT SHAFT: 8.56"	STANDARD SHAFT: 13.74" SHORT SHAFT: 8.56"					
4-7/16	4. 4375 ^{+0.} 000	$1.\ 000^{-0.}_{-0.}\ 003_{-00}$	1/2	3. 880 ^{+0.} 000	STANDARD SHAFT 13.75" SHORT SHAFT 8.56"	STANDARD SHAFT: 13.74" SH⊡RT SHAFT: 8.56"					
	4. 1875 ⁺⁰ 000 -0. 005		1/2	3. 626_0. 000	STANDARD SHAF ⁻¹ 13. 75" SHDR ⁻ S-AFT: 8. 56"	STANDARD STAFT 13.74" SHORT SHAFT 8.56"	2. 39″				
3-15/16	3. 9375 ⁺⁰ 000 -0. 004	$1.\ 000^{+0.}_{-0.}\ 003_{-0.}$	1/2	3. 372 <u>-</u> 0 000	STANDARD SHAFT: 13.75" S-DRT S-AFT: 8.56"	STANDARD S-AFT: 13.74" SHORT SHAFT: 8.56"					
3-7/16	3. 4375+0. 000 -0. 004	0. 875+0. 003	7/16	2. 943 ^{_0} 000	STANDARD S-AFI: 13 75" SHORT S-AFT 8, 56"	SIANDAPD SHAFT: 13.74" SHOPT SHAFT: 8.56"					

15

REQUIREMENTS TO MOUNT TA10507H REDUCER ON SHAFT



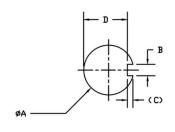


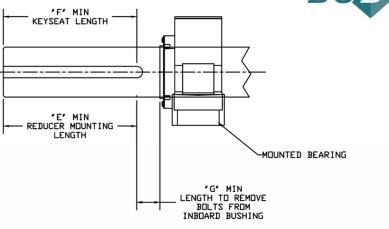
	TA10507H REDUCER SHAFT REQUIREMENTS										
				<u></u>	EDUCER SHAFT REQUIREMENTS						
SHAFT SIZE	A	В	С	D	E	F	G				
6	6. 000 <u>+0. 000</u>	1. 500+0. 004	3/4	5. 154+0. 000 -0. 007	STANDARD SHAFT: 15.47" SHORT SHAFT: N/A	STANDARD SHAFT: 15.46" SHORT SHAFT: N/A					
5-15/16	5. 9375 <u>+0. 000</u>	1. 500+0. 004	3/4	5. 091 <u>+0. 000</u> -0. 007	STANDARD SHAFT: 15.47" SHORT SHAFT: N/A	STANDARD SHAFT: 15.46" SHORT SHAFT: N/A					
5-7/16	5. 4375 ^{+0.} 000 -0. 005	1. 250+0. 004 -0. 000	5/8	4. 739 ^{+0.} 000 -0. 007	STANDARD SHAFT: 15.47" SHORT SHAFT: 9.67"	STANDARD SHAFT: 15. 46" SHORT SHAFT: 9. 67"					
4-15/16	4. 9375 <u>+0. 000</u> -0. 005	1. 250+0. 004 -0. 000	5/8	4. 232+0. 000	STANDARD SHAFT: 15.47" SHORT SHAFT: 9.67"	STANDARD SHAFT: 15.46" SHORT SHAFT: 9.67"	2. 39*				
4-7/16	4. 4375+0. 000	$1.\ 000\substack{+0.\\-0.}{000}$	1/2	3. 880+0. 000	STANDARD SHAFT: 15.47" SHORT SHAFT: 9.67"	STANDARD SHAFT: 15. 46" SHORT SHAFT: 9. 67"					
4-3/16	4. 1875 <u>+0. 000</u> -0. 005	1. 000+0. 003	1/2	3. 626+0. 000	STANDARD SHAFT: 15.47" SHORT SHAFT: 9.67"	STANDARD SHAFT: 15. 46" SHORT SHAFT: 9. 67"					
3-15/16	3. 9375+0. 000 -0. 004	1. 000+0. 003	1/2	3. 372+0. 000	STANDARD SHAFT: 15.47" SHORT SHAFT: 9.67"	STANDARD SHAFT: 15. 46" SHORT SHAFT: 9. 67"					

REQUIREMENTS TO MOUNT TA12608H REDUCER ON SHAFT

REQUIREMENTS TO MOUNT TAO107L REDUCER ON SHAFT

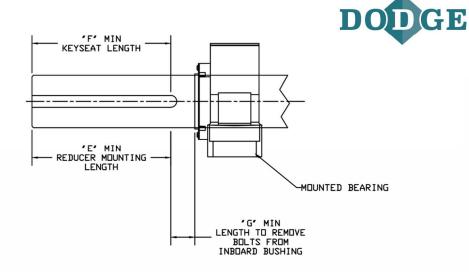


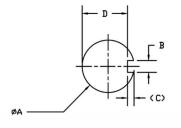




	TA12608H REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	A	D	C		EDUCER SHAFT REQUIREMENTS	F	c				
7	7. 000 <u>+0</u> 000 -0. 006	1. 750 ^{+0.} 004 0. 000	3/4	6. 138 ^{+0.} 000 -0. 008	STANDARD SHAFT: 18 33' SHORT SHAFT: N/A	STANDARD SHAFT: 18.32" SHORT SHAFT: N/A	0				
6-1/2	6. 500+0. 000 -0 006	1. 500_0. 004	3/4	5. 662_0.000	STANDARD SHAFT: 18.33" SHORT SHAFT: 11.60"	STANDARD SHAFT: 18.32" SHORT SHAFT: 11.60"					
6-7/16	6. 4375 <u>+0. 000</u>	1. 500_0. 004	3/4	5. 598-0. 000 007	S"ANDARD SHAFT: 18.33" SHOR" S-AFT 11.60"	STANDARD SHAF 18.32" SHORT SHAF 11.60"					
6	6. 000 <u>+0. 000</u>	1. 500+0. 004	3/4	5. 154 ^{-0.} 000 007	STANDARD SHAFT 18.33" SHORT STAFT 11.60"	STANDARD S-AF ⁻ : 18.32" SHDR ⁻ S-AFT 11.60"	2. 39*				
5-15/16	5. 9375 <u>+0. 000</u> -0. 005	1. 500+0. 004	3/4	5. 091+0. 000 -0. 007	STANDARD S-AF 18.33" S-DRT S-AFT: 11.60"	STANDARD SHAFT 18.32" SHORT SHAFT 11.60"					
5-7/16	5. 4375+0. 000 -0. 005	1. 250+0. 004	5/8	4. 739+0. 000 -0. 007	S-ANDARD S-AF-: 18.33" S-DR- S-HAFT: 11.60"	STANDARD SHAF ⁻ : 18 32" SHORT SHAF ⁻ : 11, 60"					
4-15/16	4. 9375 ^{+0.} 000 -0. 005	1. 250+0. 004	5/8	4. 32 ^{10.000}	STANDAPD ΙΛΓΤ: 18.33' SHOR S-ΛΓ 11.60'	SIANDAPD SIAFT 18.32" SHOP SHAFT 11.60"					

16



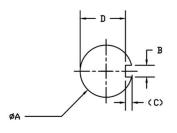


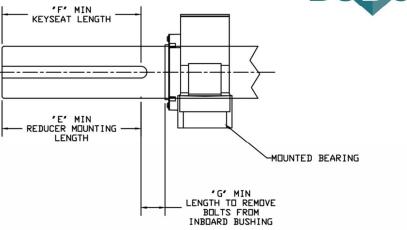
	TAO107L REDUCER SHAFT REQUIREMENTS										
SHAFT SIZE	Α	G									
35mm	35+0,000 -0,050	10+0. 036	5	30 + 0, 000 -0, 130	STANDARD SHAFT: 174mm SHORT SHAFT: N/A	STANDARD SHAFT: 174mm SHORT SHAFT: N/A					
32mm	32+0,000 -0,050	10+0. 036 10-0. 000	5	27+0, 000 -0, 130	STANDARD SHAFT: 174mm SHORT SHAFT: N/A	STANDARD SHAFT: 174mm SHORT SHAFT: N/A	30mm				
30mm	30+0.000 -0.050	8+0. 036 -0. 000	4	26+0.000 -0.130	STANDARD SHAFT: 174mm SHORT SHAFT: 110mm	STANDARD SHAFT: 174mm SHORT SHAFT: 110mm					
25mm	25+0.000 -0.050	8+0. 036 -0. 000	4	21+0.000 -0.130	STANDARD SHAFT: 174mm SHORT SHAFT: 110mm	STANDARD SHAFT: 174mm SHORT SHAFT: 110mm					

REQUIREMENTS TO MOUNT TA1107H REDUCER ON SHAFT

REQUIREMENTS TO MOUNT TA2115H/M-A2 REDUCER ON SHAFT







	TA1107H REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	AFT SIZE A B			D	E	F	G					
40mm	40 ^{+0.} 000 -0.075	12+0, 043 12-0, 000	5	35+0 000 -0. 130	STANDARD S-AF ^{-,} 177mm S-ORT SHAFT [,] N/A	S ⁻ ANJARJ SHAF ⁻ 177mm SHOR ⁻ S-AF ⁻ : N/A						
38mm	38+0. 000 38-0. 050	10+0. 036 10-0. 000	5	33 ⁺⁰ 000 33 ^{-0,} 130	STANDARD SHAFT: 177mm SHORT SHAFT: N/A	STANDARD SHAF": 177mm SHOR" SHAFT: N/A						
35mm	35+0.000 35-0.050	10+0. 036 10-0. 000	5	30+0.000 30-0 130	STANDARD SHAFT, 177mm SHORT SHAFT 113mm	STANDARD SHAFT: 177mm SHORT SHAFT: 113mm	30mm					
32mm	32+0.000 32-0.050	10+0. 036 10-0. 000	5	27+0 000 -0. 130	STANDARD SHAF 177mm SHORT S-AFT 113mm	STANDARD S-AF 177mm SHORT SHAF 113mm						
30mm	30+0.000 -0.050	8 <u>+0, 036</u> 8_0, 000	4	26+0,000 -0,130	STANDARD SHAF ^{-,} 177mm SHOPT SHAFI [,] 113mm	SIANDARD SHAFT: 177mm SHORT SHAFT: 113mm						

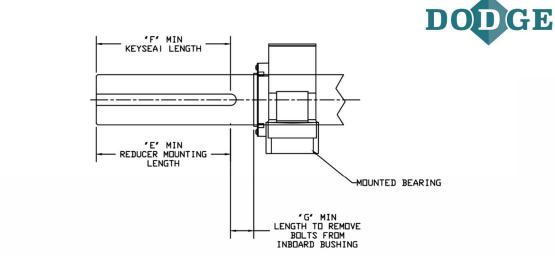
17

D

ØA

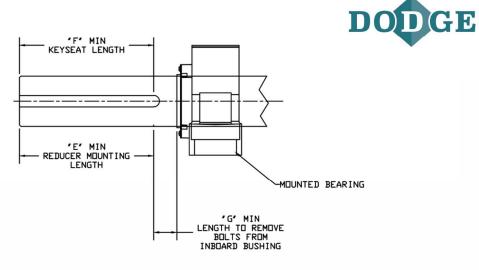
В

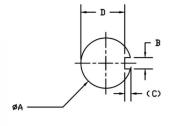
(C)



	TA2115H/MTA2_REDUCER_SHAFT_REQUIREMENTS											
SHAFT SIZE	A	В	С	D	E	F	G					
55mm	55 <u>+0. 000</u> -0. 075	16+0. 043 -0. 000	6	49 - 0, 130	STANDARD SHAFT: 199mm SHORT SHAFT: N/A	STANDARD SHAFT: 199mm SHORT SHAFT: N/A						
50mm	50+0. 000 -0. 075	14+0. 043 14-0. 000	5. 5	44. 5 + 0. 000 -0. 130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm						
45mm	45 <u>+0.000</u> -0.075	14+0. 043 14-0. 000	5, 5	39. 5+0. 000 39. 5-0. 130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm						
42mm	42+0, 000 42-0, 075	12+0, 043 12-0, 000	5	37+0.000 -0.130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	36mm					
40mm	40+0, 000 -0, 075	12+0, 043 12-0, 000	5	35+0,000 -0,130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm						
38mm	38+0, 000 38-0, 050	10 + 0, 036 10 <u>-0, 000</u>	5	33+0. 000 33-0. 130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm						
35mm	35+0, 000 35-0, 050	10 + 0. 036 10-0. 000	5	30+0. 000 -0. 130	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm	STANDARD SHAFT: 199mm SHORT SHAFT: 122mm						

REQUIREMENTS TO MOUNT TA3203H/MTA3 REDUCER ON SHAFT





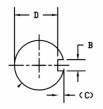
	TA3203H/MTA3 REDUCER SHAFT REQUIREMENTS											
SHAFT SIZE	Α	B	С	D	E	F	G					
60mm	60+0. 000 -0. 075	18 ^{+0.} 043	7	53 ^{+0.} 000 53 ^{-0.} 130	STANDARD SHAFT: 219mm SHORT SHAFT: N/A	STANDARD SHAFT: 218mm SHORT SHAFT: N/A						
55mm	55+0. 000 -0. 075	16+0. 043 16-0 000	6	49 ⁺⁰ 000 130	STANDARD SHAFT' 219mm SHORT S-AFT: 139mm	STANDARD SHAFT' 218mm SHORT S-AFT: 139mm						
50mm	50+0,000 -0,075	14+0 043 14-0.000	5. 5	44. 5 ^{+0.} 000 130	STANDARD SHAFT: 219mm SHORT SHAFT: 139mm	STANDARD SHAFT: 218mm SHORT SHAFT: 139mm						
45mm	45 <u>+0.000</u> 45 <u>-0.075</u>	14+0. 043 14-0. 000	5, 5	39. 5 ^{-0. 000} 130	STANDARD SHAFT: 219mm SHORT SHAFT: 139mm	STANDARD SHAF 218mm SHORT S-AF 139mm	36mm					
42mm	42+0. 000 42-0. 075	12+0 043 12-0.000	5	37+0 000 37-0 130	STANDARD S-AF ^{-,} 219mm SHORT SHAFT 139mm	STANDARD SHAF 218mm S-DR S-AF 139mm						
40mm	40+0.000 -0.075	12+0.043 12-0000	5	35+0 000 -0. 130	STANDARD S-AF ^{-,} 219mm SHORT SHAF ^{-,} 139mm	STANJARD SHAF ⁻ 218mm S-ORT SHAF ^{-,} 139mm						
38mm	38+0. 000 38-0. 050	10+0. 036 10-0 000	5	33+0 000 33-0 130	STANDARD SHAF ⁻ 219mm SHORT SHAF ⁻ 139mm	STANJARD SHAF ^{-,} 218mm S-ORT SHAF ^{-,} 139mm						
35mm	35+0, 000 35-0, 050	10_0.036 10_0.000	5	30 ⁺⁰ 000 -0. 130	STANDAPD AF 219mm SHORI SHAFI: 139mm	STANDAPD S IAFT 218mm SHORI SHAFT: 139mm						

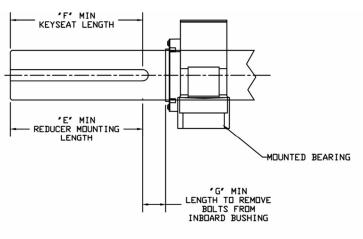
18

ØΑ

REQUIREMENTS TO MOUNT TA4207H/MTA4 REDUCER ON SHAFT



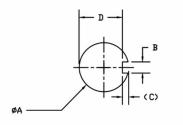


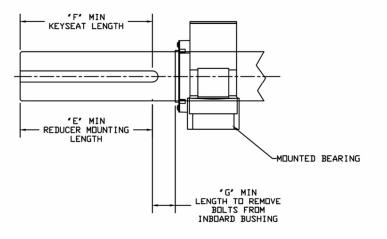


				TA4207H/MTA4	REDUCER SHAFT REQUIREMEN	TS	
SHAFT SIZE	Α	В	С	D	E	F	G
70mm	70+0. 000 -0. 100	20+0. 052 -0. 000	7. 5	62. 5+0. 000 -0. 150	STANDARD SHAFT: 227mm SHORT SHAFT: N/A	STANDARD SHAFT: 227mm SHORT SHAFT: N/A	
65mm	65+0.000 -0.100	18+0. 043 18-0. 000	7	58+0.000 58-0.150	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	
60mm	60+0. 000 -0. 075	18+0. 043 18-0. 000	7	53+0.000 53-0.130	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	
55mm	55+0.000 55-0.075	16+0. 043 16-0. 000	6	49+0. 000 -0. 130	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	36mm
50mm	50+0.000 -0.075	14 ^{+0.} 043 -0.000	5, 5	44. 5 + 0. 000 -0. 130	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	
45mm	45+0.000 45-0.075	14+0. 043 14-0. 000	5, 5	39. 5+0. 000 -0. 130	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	
42mm	42+0.000 42-0.075	12+0. 043 12-0. 000	5	37+0, 000 -0, 130	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	STANDARD SHAFT: 227mm SHORT SHAFT: 144mm	



REQUIREMENTS TO MOUNT TA5215H/MTA5 REDUCER ON SHAFT





				TA5215H/MTA5	REDUCER SHAFT REQUIREMEN	TS	
SHAFT SIZE	A	В	С	D	E	F	G
80mm	80+0. 000 -0. 100	22+0, 052 -0, 000	9	71+0 000 71-0.150	STANDARD SHAFT: 263mm SHORT S-AFT N/A	STANDARD SHAFT: 263mm SHORT SHAFT: N/A	
75mm	75+0 000 75-0. 100	20+0. 052 20-0 000	7, 5	67. 5 <u>-0. 000</u> 67. 5 <u>-0. 150</u>	STANDARD SHAFT' 263mm SHORT SHAFT: 162mm	STANDARD SHAFT [,] 263mm SHORT SHAFT [,] 162mm	
70mm	70+0, 000 70-0, 100	20+0, 052 -0, 000	7, 5	62 5 <u>-0,000</u> -0,150	STANDARD SHAFT: 263mm SHORT S-AFT: 162mm	STANDARD SHAFT: 263mm SHORT SHAFT: 162mm	
65mm	65+0, 000 65-0, 100	18 ⁺⁰ 043 18 ^{-0,000}	7	58+0 000 58-0, 150	STANDARD SHAFT: 263mm SHORT S-AFT 162mm	S ⁻ ANDARD SHAFT: 263mm SHORT SHAFT [,] 162mm	48mm
60mm	60+0,000 -0,075	18+0, 043 18-0, 000	7	53+0 000 53-0 130	STANDARD SHAF ⁻ 263mm SHOR ⁻ SHAFT ⁻ 162mm	STANJARJ S-AFT [,] 263mm SHORT SHAFT: 162mm	
55mm	55+0.000 -0.075	16 ⁺⁰ 043 16 ^{-0, 000}	6	49+0.000 -0 130	STANDARD SHAFT, 263mm SHORT SHAFT: 162mm	STANJARD SHAFT: 263mm SHORT SHAF ^{-,} 162mm	
50mm	50+0, 000 -0, 075	14 ⁺⁰ 043 0.000	5. 5	44. 5 ^{-0. 000} 0. 130	STANDAPD SHAFT: 263mm SHDR SHAFT: 162mm	STANDARD SLIAFT: 263mm SHOPT SHAFT 162mm	

19

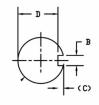
ØΑ

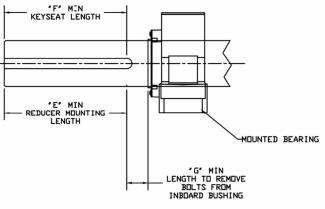


G

48mm

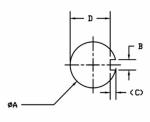
REQUIREMENTS TO MOUNT TA6307-1/MTA6 REDUCER ON SHAFI

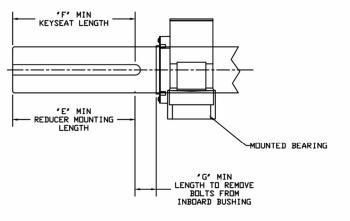




						INBUARD BOSHING	
				TA6307H/MTA6	REDUCER SHAFT REQUIREMEN	TS	
SHAFT SIZE	A	В	С	D	E	F	
90mm	90+0. 000 90-0. 100	25+0, 052 -0, 000	9	81+0. 000 -0. 150	STANDARD SHAFT: 275mm SHORT SHAFT: N/A	STANDARD SHAFT: 275mm SHORT SHAFT: N/A	
85mm	85+0.000 85-0.100	22+0. 052 -0. 000	9	76+0. 000 76-0. 150	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	
80mm	80+0. 000 -0. 100	22+0. 052 -0. 000	9	71+0.000 71-0.150	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	
75mm	75+0.000 75-0.100	20+0. 052 20-0. 000	7. 5	67. 5+0. 000 -0. 150	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	
70mm	70 + 0. 000 -0. 100	20+0, 052 -0, 000	7. 5	62. 5 + 0. 000 -0. 150	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	
65mm	65+0. 000 -0. 100	18+0. 043 18-0. 000	7	58+0.000 58-0.150	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	
60mm	60+0, 000 -0, 075	18+0. 043 18-0. 000	7	53+0. 000 53-0. 130	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	STANDARD SHAFT: 275mm SHORT SHAFT: 171mm	

REQUIREMENTS TO MOUNT TA7315H/MTA7 REDUCER ON SHAFT

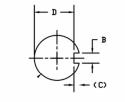




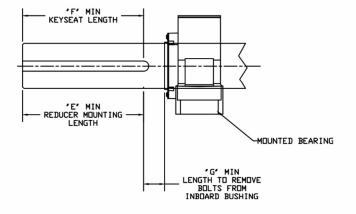
	TA7315H/MTA7 REDUCER SHAFT REQUIREMENTS							
SHAFT SIZE	A	B	С	D	E	F	G	
110mm	110+0.000 -0.130	28+0, 052 -0, 000	10	100 + 0. 000 -0. 180	STANDARD SHAFT: 302mm SHORT SHAFT: N/A	STANDARD SHAFT: 302mm SHORT SHAFT: N/A		
100mm	100+0. 000 -0. 130	28+0, 052 -0, 000	10	90 - 0, 000 -0, 180	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm		
95mm	95+0.000 -0.100	25+0, 052 -0, 000	9	86+0.000 -0 150	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm		
90mm	90 - 0, 100	25+0. 052	9	81+0.000 -0 150	STANDARD SHAFT: 302mm SHORT S-AFT: 194mm	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm		
864-284 85mm	-5/000,000gin 85-0,100		geindust	rial <u>com</u> 000.06	LISTANDARDRSHAFT, SIBORGON	VIIISTANDARD SHAFUS 302-100	geindustrial.com 53mm	
85mm	85+0, 000 85-0, 100	22+0, 052 -0, 000	9	76-0.000 76-0 150	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm	STANDARD SHAF": 302mm SHOR" SHAFT: 194mm		
80mm	80+0. 000 -0. 100	22_0, 052 -0, 000	9	71+0 000 71-0 150	STANDARD SHAF 302mm SHOR S-AFT: 194mm	STANDARD SHAF ⁻ : 302mm SHOR ⁻ SHAFT [.] 194mm		
75mm	75+0. 000 75-0. 100	20+0, 052 -0, 000	7. 5	67. 5-0. 000 -0. 150	STANDARD SHAF": 302mm SHORT SHAFT: 194mm	STANDARD S-AFT, 302mm SHORT SHAFT, 194mm		
70mm	70+0. 000 -0. 100	20 ^{_0, 052}	7.5	62. 5+0 000 -0. 150	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm	STANDARD SHAFT: 302mm SHORT SHAFT: 194mm		
65mm	65 <u>-0, 100</u>	18 ^{-0, 043} 0, 000	7	58+0 000 58-0 150	STANDARD SHAF" 302mm SHORI SHAFI, 194mm	STANDAPD SHAF 302mm SHORI SHAFI: 194mm		



REQUIREMENTS TO MOUNT TA8407H/MTA8 REDUCER ON SHAFT



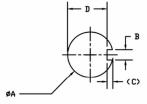
ØA

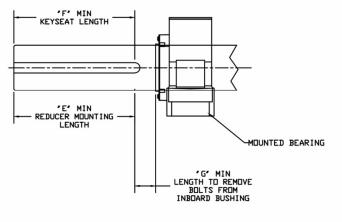




	TA8407H/MTA8 REDUCER SHAFT REQUIREMENTS							
SHAFT SIZE	Α	B	C	D	E	F	G	
120mm	120+0.000 -0.130	32+0, 062 -0, 000	11	109 + 0. 000 -0. 180	STANDARD SHAFT: 326mm SHORT SHAFT: N/A	STANDARD SHAFT: 326mm SHORT SHAFT: N/A		
110mm	110+0.000 -0.130	28+0. 052 28-0. 000	10	100 <u>+0.000</u> 100 <u>-0.180</u>	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		
100mm	100+0. 000 -0. 130	28+0. 052 28-0. 000	10	90 + 0. 000 90 <u>-</u> 0. 180	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		
95mm	95 <u>-0.</u> 100	25+0. 052 -0. 000	9	86+0.000 -0.150	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	53mm	
90mm	90+0. 000 -0. 100	25+0. 052 -0. 000	9	81+0.000 -0.150	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		
85mm	85+0. 000 85-0. 100	22+0. 052 -0. 000	9	76+0.000 76-0.150	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		
80mm	80+0. 000 -0. 100	22+0, 052 -0, 000	9	71+0.000 71-0.150	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		
75mm	75+0.000 -0.100	20+0. 052 20-0. 000	7. 5	67. 5 + 0. 000 -0. 150	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm	STANDARD SHAFT: 326mm SHORT SHAFT: 206mm		

REQUIREMENTS TO MOUNT TA9415H REDUCER ON SHAFT



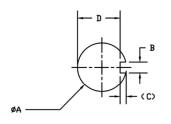


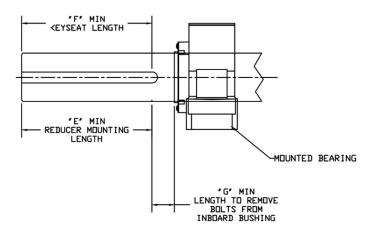
	TA9415H REDUCER SHAFT REQUIREMENTS								
SHAFT SIZE	A	В	C	D	E	F	G		
130mm	130+0.000 -0.130	32+0. 062 -0. 000	11	119 - 0, 000 -0, 180	STANDARD SHAFT: 349mm SHORT SHAFT: N/A	STANDARD SHAFT: 349mm SHORT SHAFT: N/A			
125mm	125+0. 000 -0. 130	32+0. 062 32-0. 000	11	114 ^{+0.000} -0.180	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm			
120mm	120+0. 000 -0. 130	32+0. 062 32-0. 000	11	109+0. 000 -0. 180	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm]		
110mm	110 ^{+0.} 000 -0.130	28+0. 052 28-0. 000	10	100+0.000 -0.180	STANDARD SHAF": 349mm SHORT SHAFT: 217mm	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm	60mm		
100mm	100 ^{+0.} 000 -0. 130	28+0. 052 28-0. 000	10	90+0.000 -0.180	STANDARD SHAFT' 349mm SHORT SHAFT' 217mm	STANDARD SHAFT, 349mm SHORT SHAFT, 217mm			
95mm	95+0.000 95-0.100	25+0. 052 -0. 000	9	86+0. 000 86-0. 150	STANDARD S-AFT: 349mm SHORT SHAFT: 217mm	STANDARD SHAFT: 349mm SHORT SHAFT: 217mm			
90mm	90+0.000 90-0.100	25 <u>+0. 052</u>	9	81-0,000 -0,150	STANDARD S AFI: 349mm SHORI SHAFT' 217mm	STANDAPD SHAFT: 349mm SHDR ⁻ S⊢AF ⁻ 217mm			

21



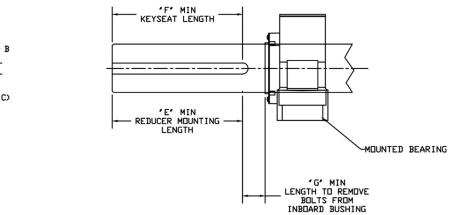
REQUIREMENTS TO MOUNT TA10507H REDUCER ON SHAFT





TA10507H REDUCER SHAFT REQUIREMENTS								
SHAFT SIZE	A	В	С	D	E	F	G	
150mm	150+0.000 -0.150	36+0. 062	12	138+0.000 -0.200	STANDARD SHAFT: 393mm SHORT SHAFT: N/A	STANDARD SHAFT: 393mm SHORT SHAFT: N/A		
130mm	130+0.000 -0.130	32+0. 062 -0. 000	11	119+0.000 -0.180	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm		
125mm	125+0. 000 -0. 130	32+0.062 -0.000	11	114 ^{+0.} 000 -0.180	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm		
120mm	120+0. 000 -0. 130	32+0. 062 -0. 000	11	109 ^{+0.} 000 -0. 180	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm		
110mm	110+0.000 -0.130	28+0. 052 28-0. 000	10	100+0.000 -0.180	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm		
100mm	100+0. 000 -0. 130	28+0. 052 28-0. 000	10	90 + 0. 000 -0. 180	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm	STANDARD SHAFT: 393mm SHORT SHAFT: 246mm		

REQUIREMENTS TO MOUNT TA12608H REDUCER ON SHAFT



D

1061 Holland Road, Simpsonville, SC 29681 USA | dodgeindustrial.com



Document Name | Date

TA12608H REDUCER SHAFT REQUIREMENTS									
SHAFT SIZE	Α	В	С	D	E	F	G		
160mm	160 <u>+0.000</u> -0.150	40+0.062	13	147 <u>+0.</u> 000 147 <u>-0.200</u>	STANDARD SHAFT: 466mm SHORT SHAFT: 295mm	STANDARD SHAFT: 466mm SHORT SHAFT: 295mm			
150mm	150 <u>+0.000</u> -0.150	36 <u>+0.062</u> 36 <u>-0.000</u>	12	138 <u>+0.</u> 000	STANJARD SHAFT: 466mm SHORT SHAFT: 295mm	STANJARD SHAFT: 466mm SHORT SHAFT: 295mm	60mm		
130mm	130+0. 000 -0. 130	32+0. 062 -0. 000	11	119 ^{-0.} 000 -0.180	STANDARD SHAFT: 466mm SHORT SHAFT: 295mm	STANDARD SHAFT: 466mm S-DR ⁻ SHAF ⁻ : 295mm	COMP		
125mm	125+0.000 -0.130	32+0, 062 32-0, 000	11	114 ^{+0, 000} -0, 180	SIANDARD SHAFT: 466mm SHORT SHAFT: 295mm	STANDARD SHAFT: 466mm SHORT SHAFT: 295mm			

22

D