

Dynabox Shrink Disc Installation Guide

Mounting of Shrink Disc, smooth hollow shaft only.

Shrink disc is delivered ready to use, **DO NOT DISMOUNT IT.**

Cleaning instructions:

Carefully remove any grease, oil or contamination from the gearbox output bore and from the machine shaft. See figure 1.0

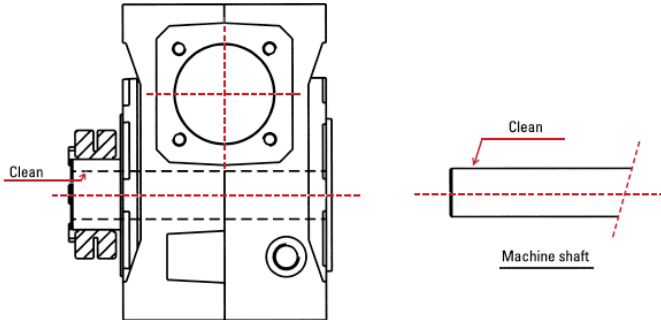


Fig. 1.0

Dimensions:

Hollow Bore ID Shaft Dimensions (mm)								
Dynabox Series	25	35	45	55	62	75	90	110
U (H7)	n/a	20	25	30	35	40	50	60

ISO Tolerances for Shafts (ISO 286-2)							
Nominal Shaft Sizes (mm)							
Over	18	30	40	50	65	80	100
Inc.	30	40	50	65	80	100	120
micrometers							
h7	-0 -21	-0 -25		-0 -30		-0 -35	

Mounting instructions:

Do not tighten the shrink disc fasteners before having engaged the gearbox on the machine shaft.

1. Engage the gearbox on the shaft.
2. Hold the gearbox on the machine.
3. Tighten the shrink disc screws, in the same order as shown in figure 2.0.
4. Increasing the torque **progressively** up to specification.

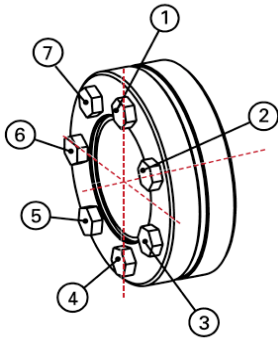


Fig. 2.0

Shrink Disc Screw Ø	Tightening torque
M5	4 Nm
M6	12 Nm
M8	30 Nm
M10	59 Nm