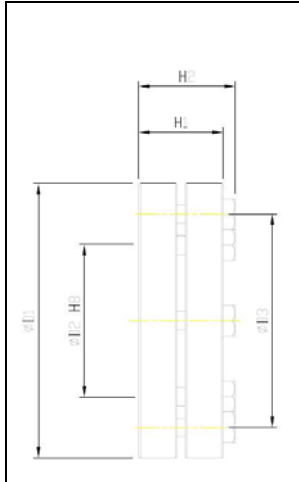


## Shrink Disc Installation Manual

◆ **Rotating shaft inside the hollow shaft is fixed by shrink disc.**

	C / FC Series	<b>D1</b>	<b>D2</b>	<b>D3</b>	<b>H1</b>	<b>H2</b>
	SD-d16xdw14	41	16	26	15	18.5
	SD-d22xdw18	50	22	36	19.5	23
	SD-d25xdw22	50	25	38	19.5	23
	SD-d44xdw32	80	44	61	25.5	29.5
	SD-d50xdw40	90	50	70	27.5	31.5
	SD-d62xdw50	110	62	86	30.5	34.5
	SD-d68xdw55	115	68	86	30.5	34.5
	SD-d75xdw60	138	75	100	32.5	38

**Note: Recommend tolerance for rotating shaft is h6.**

◆ **Attention:**

- **Rough surface will reduced transmitted torque.**
  - i) **Do not separate shrink disc apart before assemble, cleans rotating shaft O.D. and hollow shaft I.D.**
  - ii) **Apply light weight oil on hollow shaft O.D. and I.D. for rust prevention purpose only. Do not apply high pressure slippery oil or grease.**
- **Shrink disc clamping pressure will force hollow shaft deformed.**
  - i) **Fixed the rotating shaft position before tighten the shrink disc bolts.**
- **Tilted shaft will caused damaged.**
  - i) **Make sure the alignment of rotating shaft with hollow shaft.**
  - ii) **Do not use force to install rotating shaft into hollow shaft.**
  - iii) **Do not use hammer or access force when installed.**

◆ **Follow cross patent to tighten the shrink disc bolts. Separates to two or three step to finish. Confirmed the bolts tightening once again after finished. Tightening torque for bolt as chat:**

AT-C & AT-FC Series	Bolt size	Tightening torque (DIN 931-Class 10.9)	
		【Nm】	【In-lbs】
065、075、090、110	M5	4	36
140、170、210、240	M6	12	107
280	M8	30	266

◆ **Make sure the tightening of rotating shaft. If not, double check the tolerance of rotating shaft.**