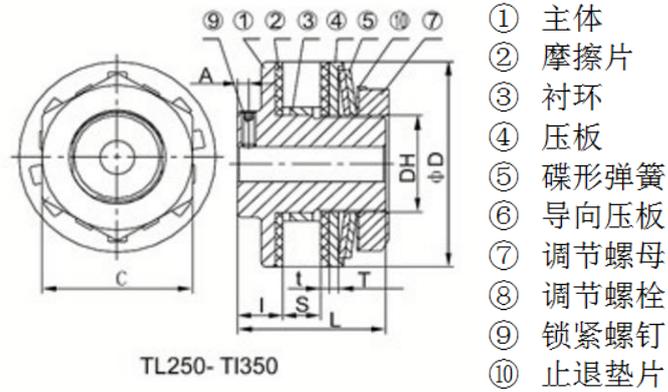


TL350-2 (特制) 磨擦式扭力限制器说明

① 尺寸图

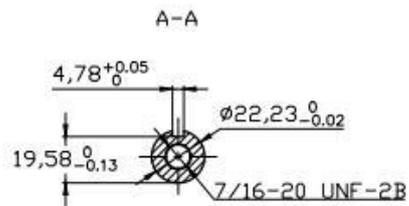


- ① 主体
- ② 摩擦片
- ③ 衬环
- ④ 压板
- ⑤ 碟形弹簧
- ⑥ 导向压板
- ⑦ 调节螺母
- ⑧ 调节螺栓
- ⑨ 锁紧螺钉
- ⑩ 止退垫片

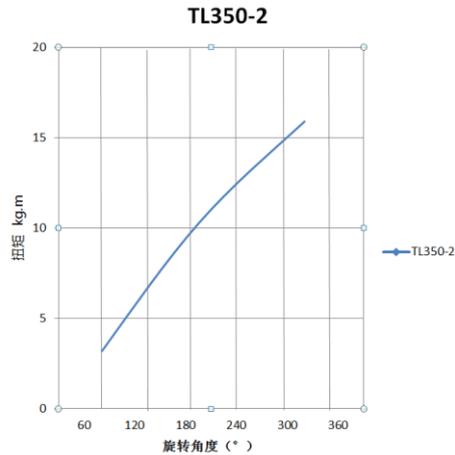
② 尺寸表

型号	成品内孔	键槽宽度	最大孔径	衬环长度	衬环外径	中心原件配合孔径	D	DH	L	I	T	t	S (max)	A	C	质量 kg	调节螺栓
TL350-2	22.23	4.78	25	6.0	-0.025 49 -0.050	+0.039 49 0	89	M42	62	19	4.0	3.2	16	5	65	2.48	—

③ 匹配的轴尺寸



④ 转角度与扭矩对应图



如何进行扭力设定

◇ 扭力设定 Setting Torque

扭力限制器的设定只需扭紧或放松调整螺栓/或调整螺帽便可，TL200至TL350型各具一调整螺帽，TL500至TL20型则各具调整螺栓供扭力调整用。

Torque setting of the Torque Limiter is achieved by tightening or loosening the adjustment bolts and/or the adjustment nuts. For torque adjustment of TL200 to TL350, an adjustment nut is provided, and for TL500 to TL20 adjustment bolts are provided.

扭力限制器在安装至轴上后，即可进行扭力调整，其步骤如下：

The torque setting can be made after mounting the Torque Limiter on the shaft.

TL200至350型 For TL200 to TL350:

首先，用手以全力转动调整螺帽使碟形弹簧固定至一压板。然后，暂时以一扳钳把螺帽扭紧至60度。

First, rotate the adjustment nut tightly by hand so that the disc spring fits the plate. Then tentatively tighten the nut by about 60 degrees with a wrench.

TL500至TL10、14、20型 From TL500 to TL10、14、20:

首先，转动一螺帽，把碟形弹簧固定至一压板，再将每一调整螺栓扭紧60度。其次，如于正常情况下扭力限制器仍然滑动，则逐渐拧紧螺帽（TL200-TL350型）或螺栓（TL500-TL20型），一直到扭力限制器不再滑动。注意，各螺栓之松紧度

必须均匀，先试行调整数次以求得相关机器之正确扭力设定，下一页为有效旋转角度和预设扭力关系图可参考。为求精确扭力之调整，宜将本扭力限制器在扭矩调整后把螺帽或螺栓旋转45度，于50-60RMP下试运转500回转。

First, rotate the nut for fixing the disc spring to the plate, and then tighten each adjustment bolt by about 60 degrees. Then, if the Torque Limiter slips under normal loading conditions, tighten the nut (for TL200 to TL350) or the bolts (for TL500 to TL20) gradually until the torque limiter stops slipping. Always tighten (or loosen) the bolts equally. Try this adjustment several times to find the proper torque setting for the machine. For your guidance, the chart on the next page shows the relation between the effective rotated angle and preset torque. For precise torque setting, run-in of torque limiter is recommended; for example, 500 revolutions at 50 to 60 r/min with a rotated angle of 45 degrees of adjustment nuts or the bolts.