

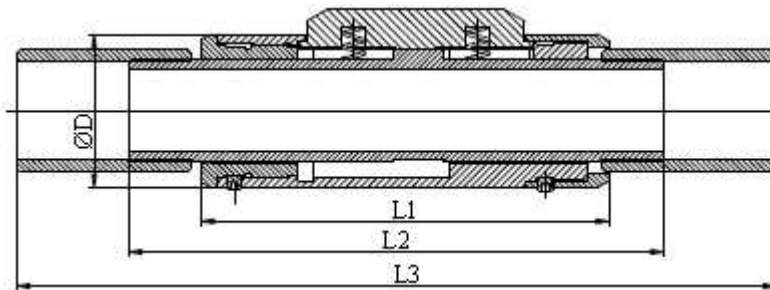
TORQUE ANCHOR AT – TYPE

Torque anchor is used to take the reactive torque given by the friction between the rotor and the stator of the pump with progressive cavities, to prevent the tubing from unscrewing.

It is mounted under the pump.

It uses the principle of a mandrel with three cams [2] pushing out the anchoring blades [3], mounted in a case [5]. The blades are permanently pushed and kept in touch with the well casing wall by means of helicoidal springs [6]. The oil pumped is passing through the central hollow shaft [1] onto which the cams are mounted.

When the tubing rotates clockwise, the anchoring blades bite into the casing wall whenever a reactive torque is developed. Disengaging is done rotating the tubing counter-clockwise from the surface.



Code	Casing dia. [mm]	Dimensions [mm]				Connection [inch]
		ØD	L ₁	L ₂	L ₃	
AT 5-1/2	119...139	116.8	312	409	566	2 – 7/8 EU
AT 5-3/4						
AT 6-5/8 I	135...155					
AT 6-5/8 II	143...163					
AT 7	152...172	116.8	312	409	566	3 – 1/2 EU
		142	142	422	590	
AT 8-5/8	192...212	142	142	402	566	2 – 7/8 EU
					590	3 – 1/2 EU
AT 9-5/8 I	215...235				590	3 – 1/2 EU
AT 9-5/8 II	220...240				590	3 – 1/2 EU