TCC-PB

Mounting base for hinged joints

Technopolymer

INOX STAINLESS STEEL | RoHS | PA | +100° -20°

BASE
Glass-fibre reinforced polyamide based (PA) technopolymer, RAL 9005 (C9) black colour or grey RAL 7040 (C33) colour, resistant to UV rays, matte finish.

SCREW AND NUT *(SUPPLIED)*
Cylindrical-head screws with hexagon socket in AISI 304 stainless steel with anti-seizure treatment.
Self-locking nut in AISI 304 stainless steel.

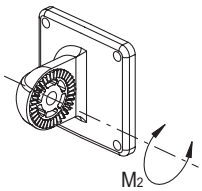
STANDARD EXECUTIONS
- **TCC-PB-E**: external teeth.
- **TCC-PB-S**: without teeth.

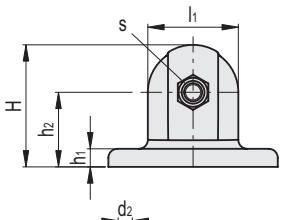
FEATURES
A base with external teeth can be joined to a clamp with internal teeth, or a base without teeth to a clamp without teeth, to create a hinged joint.
The joints composed of clamps with internal teeth of 18 mm diameter have 24 teeth and an adjustment angle of 15°, while those of 30 mm diameter have 36 teeth and an adjustment angle of 10°.
Joints comprising bases and clamps without teeth can be positioned at any angle.
The "s" grub screw may be replaced by the kit TCC-KS.

TECHNICAL DATA
The resistance values shown in the table were measured during laboratory tests at ambient temperature with the screws tightened to the suggested torque "C#".

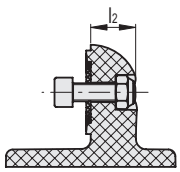
ACCESSORIES ON REQUEST (TO BE ORDERED SEPARATELY)
- TCC-KS (see page -): clamping kit.
- TCC-KV (see page -): screws and clamping nuts.

ELESA Original design — GERMAN DESIGN AWARD WINNER 2024

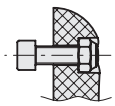


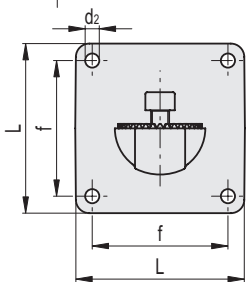


TCC-PB-E



TCC-PB-S





C9 RAL9005 C33 RAL7040

TCC-PB-E

INOX STAINLESS STEEL

Code	Description	L	H	d2	f ±0.2	h1	h2	l1	l2	s	C# [Nm]	M2*** [Nm]	⚖
600321-C9	TCC-PB-18-E-C9	45	34	5.5	30	5	20	26.5	13	M6	5	35	25
600321-C33	TCC-PB-18-E-C33	45	34	5.5	30	5	20	26.5	13	M6	5	35	25
600421-C9	TCC-PB-30-E-C9	75	54	6.5	60	7.5	32.5	40	20	M8	12	100	81
600421-C33	TCC-PB-30-E-C33	75	54	6.5	60	7.5	32.5	40	20	M8	12	100	81

TCC-PB-S

INOX STAINLESS STEEL

Code	Description	L	H	d2	f ±0.2	h1	h2	l1	l2	s	C# [Nm]	M2*** [Nm]	⚖
600325-C9	TCC-PB-18-S-C9	45	34	5.5	30	5	20	26.5	13	M6	5	3	25
600325-C33	TCC-PB-18-S-C33	45	34	5.5	30	5	20	26.5	13	M6	5	3	25
600425-C9	TCC-PB-30-S-C9	75	54	6.5	60	7.5	32.5	40	20	M8	12	7	81
600425-C33	TCC-PB-30-S-C33	75	54	6.5	60	7.5	32.5	40	20	M8	12	7	81

Suggested torque for screw assembly.
*** Resistance to joint rotation.

10/2024