

Clamps for hinged joints

Technopolymer

CLAMP

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

SCREWS AND NUTS

Cylindrical-head screw with hexagon socket in AISI 304 stainless steel with anti-seizure treatment.

Self-locking nuts in AISI 304 stainless steel.

Supplied: two screws and two nuts for versions TCC-TP-E and TCC-TP-S, one screw and one nut for version TCC-TP-I

STANDARD EXECUTIONS

- **TCC-TP-E:** external teeth.
- **TCC-TP-I:** internal teeth.
- **TCC-TP-S:** without teeth.

FEATURES

Two clamps, one with external teeth and one with internal teeth or two without teeth, can be joined to create a hinged joint.

Joints comprising clamps with external/internal teeth (36 teeth) have a 10° adjustment angle.

Joints comprising clamps without teeth can be positioned at any angle.

Clamps for tubes with a diameter of 30 ± 0.2 mm.

For smaller diameter tubes, the hole reduction sleeve can be used TCC-A (to be ordered separately).

The "s" grub screws may be replaced by the kit TCC-KS.

TECHNICAL DATA

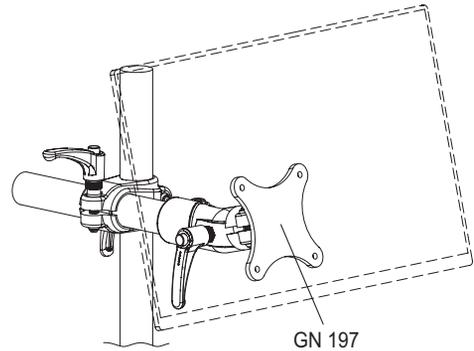
The resistance values shown in the table were measured during laboratory tests at ambient temperature with the screws tightened to the suggested torque "C#".

ACCESSORIES ON REQUEST (TO BE ORDERED SEPARATELY)

- TCC-A: reduction sleeves.
- TCC-KS: clamping kit.
- GN 197: monitor mounts.
- TCC-KV: screws and clamping nuts.
- GN 990: connecting tubes.

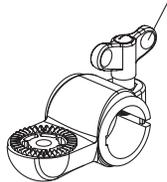
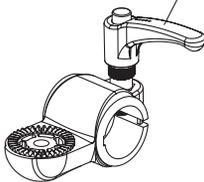


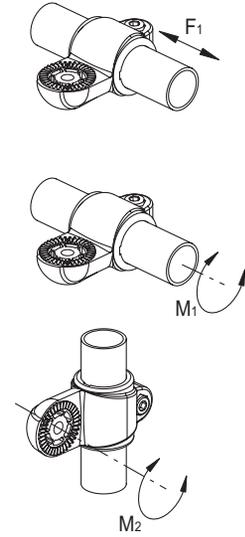
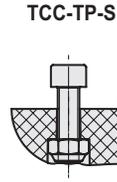
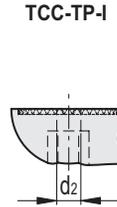
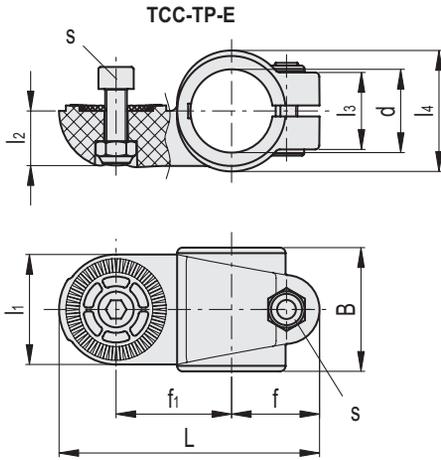
ELESA Original design



TCC-KS-ERX

TCC-KS-EWN





C9
 RAL9005

C33
 RAL7040

TCC-TP-E

STAINLESS STEEL

Code	Description	d	L	B	d2	f	f1	l1	l2	l3	l4	s	C# [Nm]	F1* [N]	M1** [Nm]	M2*** [Nm]	⚖️	
600311-C9	TCC-TP-18-E-C9	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	56	38	
600311-C33	TCC-TP-18-E-C33	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	56	38	
600411-C9	TCC-TP-30-E-C9	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	120	102	
600411-C33	TCC-TP-30-E-C33	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	120	102	

TCC-TP-I

STAINLESS STEEL

Code	Description	d	L	B	d2	f	f1	l1	l2	l3	l4	s	C# [Nm]	F1* [N]	M1** [Nm]	M2*** [Nm]	⚖️	
600313-C9	TCC-TP-18-I-C9	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	56	38	
600313-C33	TCC-TP-18-I-C33	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	56	38	
600413-C9	TCC-TP-30-I-C9	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	120	102	
600413-C33	TCC-TP-30-I-C33	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	120	102	

TCC-TP-S

STAINLESS STEEL

Code	Description	d	L	B	d2	f	f1	l1	l2	l3	l4	s	C# [Nm]	F1* [N]	M1** [Nm]	M2*** [Nm]	⚖️	
600315-C9	TCC-TP-18-S-C9	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	4	38	
600315-C33	TCC-TP-18-S-C33	18	64.5	29	6.5	22	28.5	26.5	13	21	29	M6	5	1100	11	4	38	
600415-C9	TCC-TP-30-S-C9	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	4	102	
600415-C33	TCC-TP-30-S-C33	30	95	44.5	8.5	32.5	42	40	20	28	42	M8	12	3000	33	4	102	

Suggested torque for screw assembly.

* Resistance to tube pull out

** Resistance to tube rotation

*** Resistance to joint rotation.

