Hinged joints with clamps

Technopolymer

ELESA Original design

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

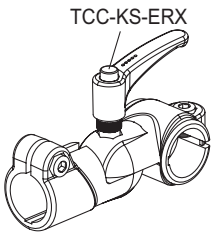
SCREWS AND NUTS (SUPPLIED)
Cylindrical-head screw with hexagon socket in AISI 304 stainless steel with anti-seizure treatment.
Self-locking nuts in AISI 304 stainless steel.

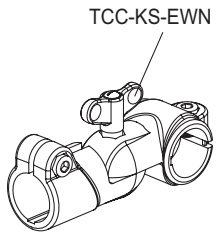
STANDARD EXECUTIONS
- **TCC-AP-TP-T**: with teeth.
- **TCC-AP-TP-S**: without teeth.

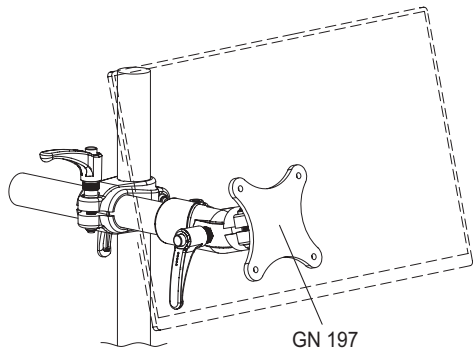
FEATURES
Joints comprising clamps with external/internal teeth (36 teeth) have a 10° adjustment angle.
Joints comprising clamps without teeth can be positioned at any angle.
Clamps for tubes with a diameter of 30 ± 0.2 mm.
For smaller diameter tubes, the hole reduction sleeve can be used TCC-A (to be 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 maximum torque "C#".

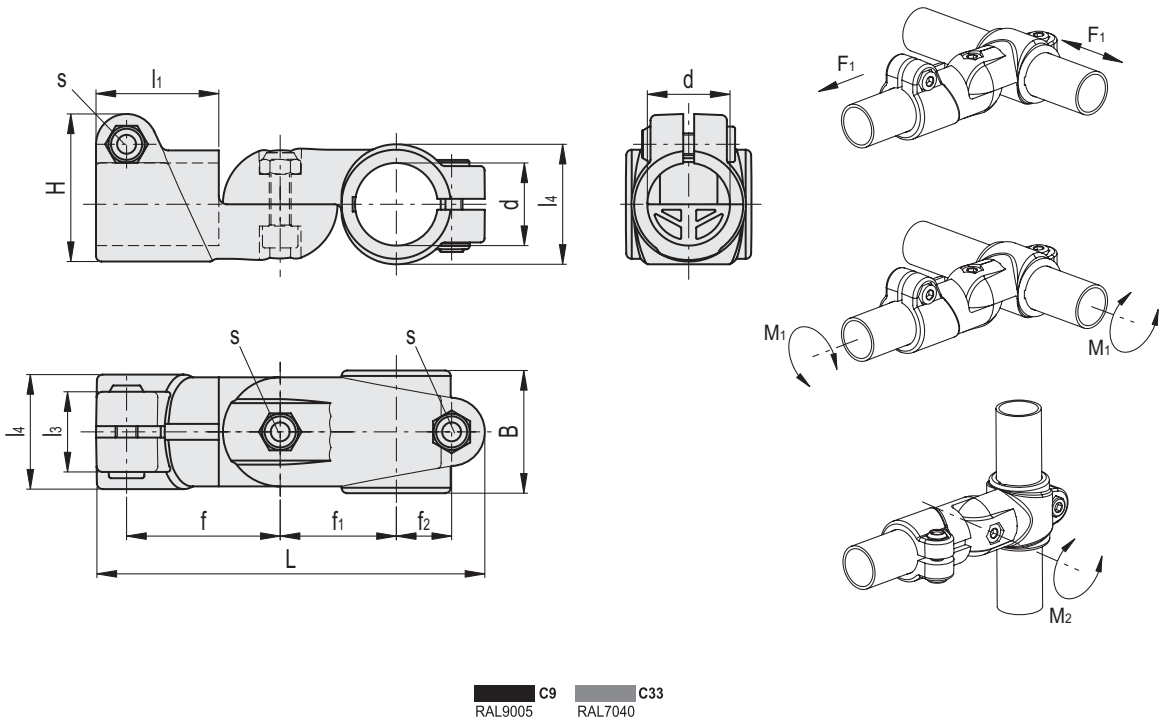
ACCESSORIES ON REQUEST (TO BE ORDERED SEPARATELY)
- TCC-A (see page -): reduction sleeves.
- TCC-KS (see page -): clamping kit.
- GN 197 (see page -): monitor mounts.
- TCC-KV (see page -): screws and clamping nuts.
- GN 990 (see page -): connecting tubes.







TCC-AP-TP



TCC-AP-TP-T — **STAINLESS STEEL**

Code	Description	d	L	B	H	f	f1	f2	l1	l3	l4	s	C# [Nm]	F1* [N]	M1** [Nm]	M2*** [Nm]	⚖
600811-C9	TCC-AP-TP-30-T-C9	30	142	44.5	54	56	42	20.5	45	28	44	M8	12	3000	33	120	181
600811-C33	TCC-AP-TP-30-T-C33	30	142	44.5	54	56	42	20.5	45	28	44	M8	12	3000	33	120	181

TCC-AP-TP-S — **STAINLESS STEEL**

Code	Description	d	L	B	H	f	f1	f2	l1	l3	l4	s	C# [Nm]	F1* [N]	M1** [Nm]	M2*** [Nm]	⚖
600812-C9	TCC-AP-TP-30-S-C9	30	142	44.5	54	56	42	20.5	45	28	44	M8	12	3000	33	4	181
600812-C33	TCC-AP-TP-30-S-C33	30	142	44.5	54	56	42	20.5	45	28	44	M8	12	3000	33	4	181

Suggested torque for screw assembly.

***** Resistance to tube pull out

****** Resistance to tube rotation

******* Resistance to joint rotation.