



**1 HANDLE SHANKS**

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



**2**

The handle shank connection to the tube avoids tube rotation.



**3 TUBE**

Anodised aluminium, natural colour.



**4 CONNECTING CLAMP**

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



**5**

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



**6**

Self-locking nuts in AISI 304 stainless steel. Supplied assembled.



**7 STANDARD EXECUTIONS**

Pass-through holes for cylindrical-head screws with hexagon socket.



**8**

- **TCC-TS-PR-1**: one connecting clamp.

- **TCC-TS-PR-2**: two connecting clamps.



**9 FEATURES AND APPLICATIONS**

The clamps enable various types of assembly (see examples).



**10 TECHNICAL DATA**

Pull-out and rotational resistance: the F1 and M1 values shown in the table were measured using special dynamometer apparatus by tightening the screws to the recommended torque "C#" under the test conditions shown and at room temperature.



**11**



**12**



**13**



**14**



**15**



**16**



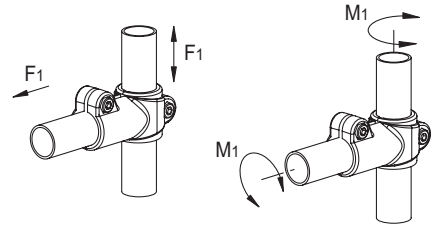
**17**



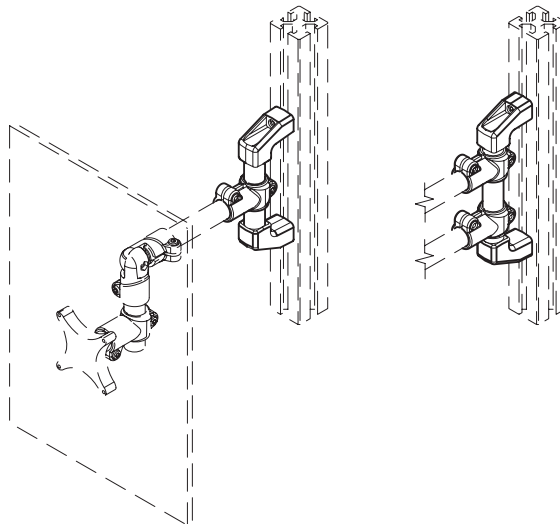
**18**

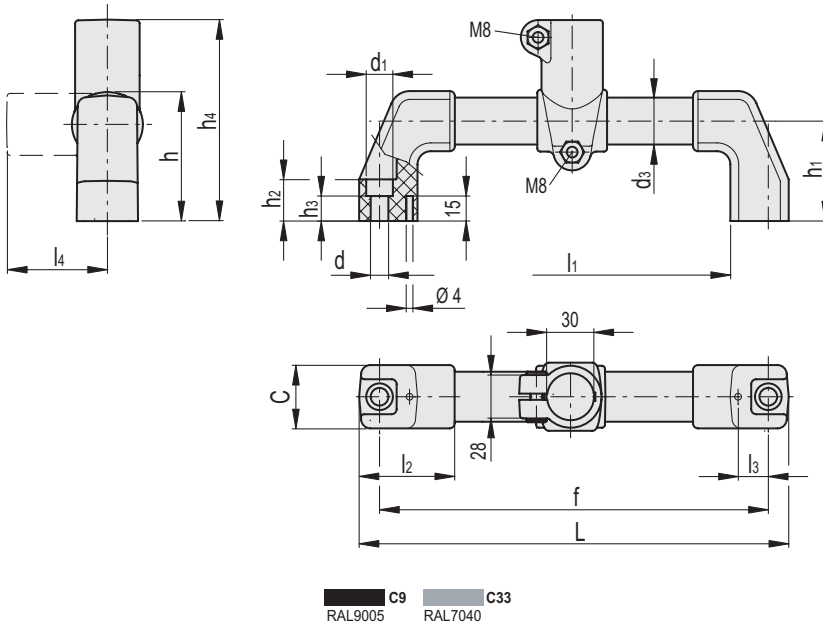


ELESA Original design



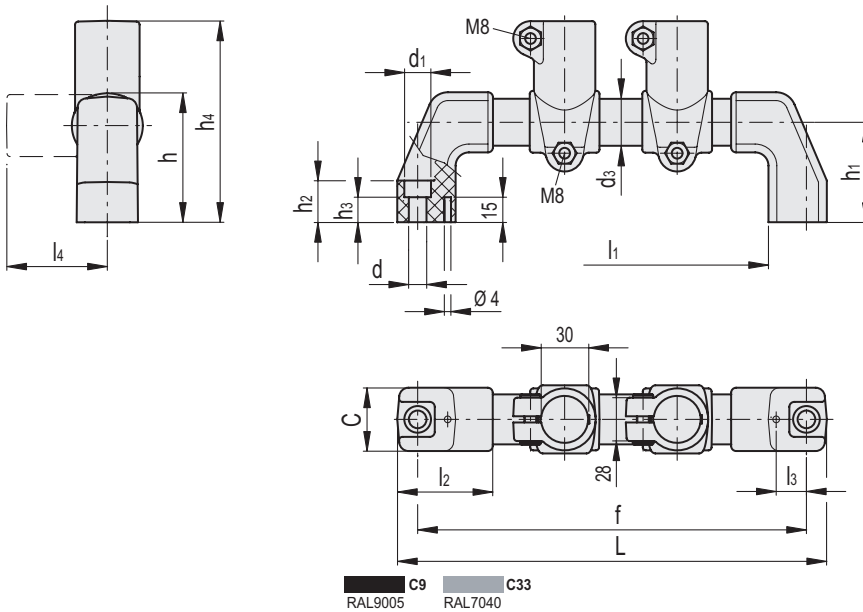
Application examples





TCC-TS-PR-1

Code	Description	d	L	C	d1	d3	f±1	h	h1	h2	h3	h4	l1	l2	l3	l4	C# [Nm]	F1* [N]	M1** [Nm]	⚖️	
600907-C9	TCC-TS-30-PR-1-C9	8.5	224	38	13.5	30	200	82	60	25	14.5	124.5	154	57	18	64.5	12	1650	17	347	
600907-C33	TCC-TS-30-PR-1-C33	8.5	224	38	13.5	30	200	82	60	25	14.5	124.5	154	57	18	64.5	12	1650	17	347	



TCC-TS-PR-2

Code	Description	d	L	C	d1	d3	f±1	h	h1	h2	h3	h4	l1	l2	l3	l4	C# [Nm]	F1* [N]	M1** [Nm]	⚖️	
600910-C9	TCC-TS-30-PR-2-C9	8.5	224	38	13.5	30	200	82	60	25	14.5	124.5	154	57	18	64.5	12	1650	17	461	
600910-C33	TCC-TS-30-PR-2-C33	8.5	224	38	13.5	30	200	82	60	25	14.5	124.5	154	57	18	64.5	12	1650	17	461	

# Recommended torque for clamp screw tightening.

\* Resistance to tube pull out.

\*\* Resistance to tube rotation.

