

INTENDED USE

The pull pins are intended to be installed on a pallet and clamped in a zero point clamping system. The pull pins may only be installed on the pallet in the permissible arrangement. The pull pins may only be fitted with the permissible screws and the corresponding tightening torques.

DISPOSAL

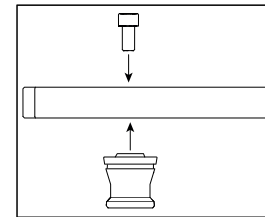
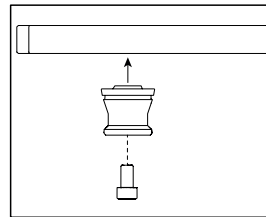
Metals and plastics are either to be recycled or disposed of as hazardous waste. Disposal is to be carried out in accordance with the valid regulations and the applicable local provisions. Obtain relevant information from the authorities.

ASSEMBLY

1. Insert the pull pins in the retainer of the pallet in the permissible arrangement.
2. Tighten the pull pins with the corresponding screw and the stipulated tightening torques.

VERSIONS

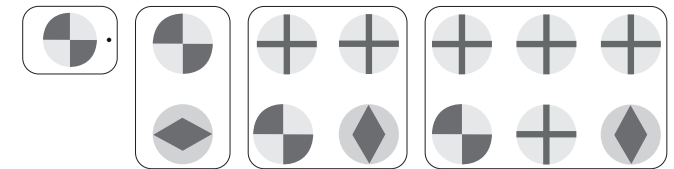
- Attachment from below
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PERMISSIBLE ARRANGEMENTS

To ensure safe clamping, the pull pins must be mounted according to a certain pattern.

The individual pull pins (see technical specifications) must be installed as follows with 1, 2, 4 or 6 pull pins:



TECHNICAL SPECIFICATIONS

Round pin	Diamond pin	Pull pin	Clamping system size	Screw dimensions	Screw classes	Tightening torque
						
TCELB-62 (1313920)	TDELB-62 (1313921)	TELB-62 (1313919)	ELIB-(P)-(H) Ø 62 mm	Cylinder head M5 ¹⁾ Cylinder head M6 ²⁾	12.9 12.9	9 Nm ¹⁾ 15 Nm ²⁾
TCELB-138 (1313926)	TDELB-138 (1313927)	TELB-138 (1313925)	ELIB-(P)-(H) Ø 85 mm	Cylinder head M10 ¹⁾ Cylinder head M12 ²⁾	12.9 12.9	70 Nm ¹⁾ 120 Nm ²⁾
TCELB2-112 (1352633)	TDELB2-112 (1352634)	TELB2-112 (1352632)	ELIB-(P2)-(H2) Ø 112 mm	Countersunk head M12 ¹⁾ Cylinder head M14 ²⁾	10.9 12.9	90 Nm ¹⁾ 170 Nm ²⁾
TCELB-112 (1352628)	TDELB-112 (1352629)	TELB-112 (1352627)	ELIBP Ø 112 mm (10 kN)	Countersunk head M8 ¹⁾ Cylinder head M10 ²⁾	10.9 12.9	30 Nm ¹⁾ 79 Nm ²⁾
TCELB-138 (1313926)	TDELB-138 (1313927)	TELB-138 (1313925)	ELIB-(P)-(H) Ø 138 mm	Cylinder head M10 ¹⁾ Cylinder head M12 ²⁾	12.9 12.9	70 Nm ¹⁾ 120 Nm ²⁾

The detailed operating manual is available in the Service section of www.roehm.biz.

¹⁾ Attachment from below ²⁾ Attachment from above