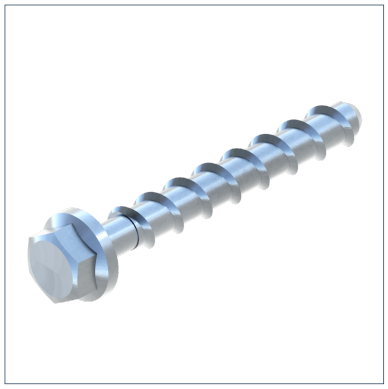
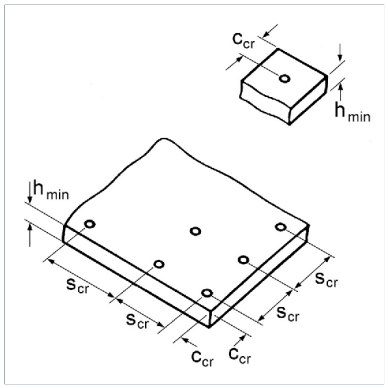
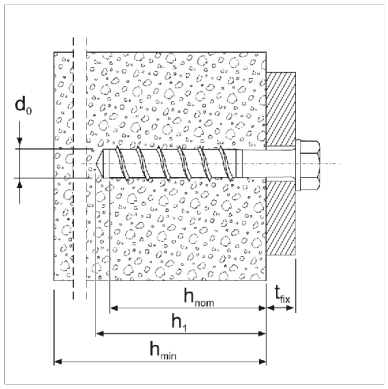
Screwbolt TSM-S







General Information

Suitable for quick and safe fixation of Sikla Channels or Mounting Plates to concrete and masonry ceilings or walls. To be applied in dry rooms not exposed to high corrosion resistance requirements. European Technical Assessment for anchoring in cracked and non-cracked concrete (Option 1). European Technical Assessment for multiple use for non-structural systems in concrete and precast pre-stressed hollow core slabs. Approved for applications under seismic impact of category C1 and C2 (Types, diameters and anchoring depths are shown in the 'type overview' and ETA-16/0655. Also fixes into pressure-resistant natural stones and different solid bricks (not part of ETA approval / guideline). Flexible use for high or standard load performances due to 3 anchoring depths. Small edge and axial distance due to low expansion pressure. Low drillling effort.

Installation

Screw in the bolt screw in pre-drilled hole. The special thread guarantees a mechanical form lock with the base material. Fine adjustment of depth is possible if the screwbolt is initially installed too deep.

Type 6x40: Only to be used as multiple fixing for non-load-bearing systems in concrete and prestressed concrete hollow plate ceilings.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Note on loadings

For load values, see additional documents.

Additional information

Further technical information (load capacities under fire exposure, appr. loads in further concrete classes and precast pre-stressed hollow core slabs) are shown in the download area.

The following types are procured on an order-by-order basis and therefore have a delivery date on request: 6x100, 8x90, 8x100, 8x120, 8x140, 10x80, 10x90, 10x100, 10x140, 12x110

Types

Type	L	Weight	Quantity	Part number
TSM-S 6X 40	40,00 mm	0,015 kg/pcs.	100 pcs.	115737
TSM-S 6X 50	50,00 mm	0,017 kg/pcs.	100 pcs.	115720
TSM-S 6X 60	60,00 mm	0,019 kg/pcs.	100 pcs.	115723
TSM-S 6X 80	80,00 mm	0,023 kg/pcs.	100 pcs.	115738

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Type	L	Weight	Quantity	Part number
TSM-S 6X100	100,00 mm	0,027 kg/pcs.	100 pcs.	115739
TSM-S 8X 50	50,00 mm	0,032 kg/pcs.	50 pcs.	115731
TSM-S 8X 60	60,00 mm	0,036 kg/pcs.	50 pcs.	115732
TSM-S 8X 70	70,00 mm	0,040 kg/pcs.	50 pcs.	115734
TSM-S 8X 80	80,00 mm	0,044 kg/pcs.	50 pcs.	115735
TSM-S 8X 90	90,00 mm	0,048 kg/pcs.	50 pcs.	115736
TSM-S 8X100	100,00 mm	0,052 kg/pcs.	50 pcs.	115728
TSM-S 8X120	120,00 mm	0,058 kg/pcs.	50 pcs.	115729
TSM-S 8X140	140,00 mm	0,066 kg/pcs.	50 pcs.	115730
TSM-S 10X 60	60,00 mm	0,056 kg/pcs.	50 pcs.	115740
TSM-S 10X 70	70,00 mm	0,062 kg/pcs.	50 pcs.	115741
TSM-S 10X 80	80,00 mm	0,068 kg/pcs.	50 pcs.	115743
TSM-S 10X 90	90,00 mm	0,074 kg/pcs.	50 pcs.	115744
TSM-S 10X100	100,00 mm	0,080 kg/pcs.	50 pcs.	115745
TSM-S 10X140	140,00 mm	0,106 kg/pcs.	50 pcs.	115746
TSM-S 12X110	110,00 mm	0,120 kg/pcs.	25 pcs.	115747
TSM-S 12X130	130,00 mm	0,136 kg/pcs.	25 pcs.	115748
TSM-S 12X150	150,00 mm	0,152 kg/pcs.	25 pcs.	115749

Certification

Europäische Technische Zulassung ETA-16/0656

zur Verankerung im gerissenen und ungerissenen Beton ETA-16/0655

ETA-16/0655 and ETA-16/0656

Documents

Screwbolt TSM - ETA 16/0656

Screwbolt TSM - ETA 16/0655

DoP - Srewbolt TSM (Multiple use)



VdS Approval - Sikla Anchors – Types AN, BZ, TSM (DN 0–100)



Sikla Metal Anchor Systems



Screwbolt TSM - Type Overview



Screwbolt TSM-S - Technical Data