

TRUTEK TUP - UNIVERSAL PLUG



Usage:

- mounting lighting, motion detectors, wall shelves, handles, mirrors, paintings, letter boxes, curtain rods
- fixing electric and hydraulic clamps,
- fixing bathroom fittings

Advantages:

- spreadability in 4 directions in substrates with voids guarantees a firm fastening
- nylon stud ensures durability and safety
- the pin collar prevents it from slipping in too far
- special shape prevents the peg from turning in the hole
- highest fastening security for plastic dowels in porous substrates

Anchor material:

The expansion sleeve is made of nylon and the screws are made of regular steel, carbon steel and are covered with a layer of zinc not less than 5µm thick.

Substrate material:

Concrete, natural stone, full ceramic and perforated brick, full and hollow silicate brick, aerated concrete.

Method of marking TUP and TUPS collets			
Symbol	Screw symbol	Sleeve diameter d [mm]	Sleeve Length L [mm]
TUP06030	-	06	030
TUPS10060	S	10	060

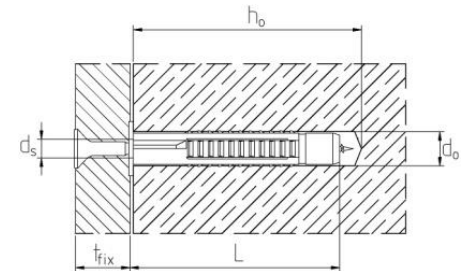
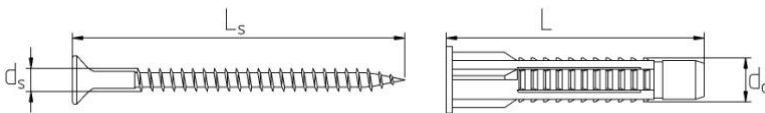
TUP sleeve assembly parameters - version without screw

Product Code	Sleeve diameter [mm] d	Hole Dia in the base material [mm] d _o	Min. hole depth [mm] h _o	Sleeve length [mm] L	Screw diameter [mm] d _s	Max. thickness of the fixed element [mm] t _{fix}	Recommended pull-out and shear load capacity N _{rec}				
							Concrete C20/25	Full brick	Silicate brick	Hollow brick	Aerated Block
							[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}
TUP06030	6	6	35	30	3,5-4,0	-	0,8	0,5	0,5	0,3	0,3
TUP06040	6	6	45	40	3,5-4,0	-	0,8	0,5	0,5	0,3	0,3
TUP08050	8	8	55	50	4,5-5,0	-	1,2	0,5	0,5	0,3	0,3
TUP10060	10	10	65	60	6,0-8,0	-	1,2	0,5	0,5	0,3	0,3

TUPS sleeve assembly parameters - screw version

Product Code	Sleeve diameter [mm] d	Hole Dia in the base material [mm] d _o	Min. hole depth [mm] h _o	Sleeve length [mm] L	Screw diameter & length [mm] d _s x L _s	Max. thickness of the fixed element [mm] t _{fix}	Recommended pull-out and shear capacity N				
							Concrete C20/25	Full brick	Silicate brick	Hollow brick	Aerated Block
							[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}	[kN] N _{rec}
TUPS06030	6	6	35	30	4,0x40	8	0,8	0,5	0,5	0,3	0,3
TUPS06040	6	6	45	40	4,0x50	8	0,8	0,5	0,5	0,3	0,3
TUPS08050	8	8	55	50	5,0x70	17	1,2	0,5	0,5	0,3	0,3
TUPS10060	10	10	65	60	6,0x80	17	1,2	0,5	0,5	0,3	0,3

Installation diagram of TUP anchors



Installation diagram for TUP anchors

