

Area of Application

ESSVE Duo-Max is designed for installation in all types of board materials.

The brass screw features a countersunk, pan head and is supplied with a nylon flat washer. Other screws have cylindrical heads.

For max. object thickness in different applications, see the instruction.



Description

The screws for Duo-Max are zinc plated with the exception of the brass screw, TSP 10/75M, which is nickel plated.

Installation

- 1. Drill the hole. Take it easy so as not to damage the drywall on the back/around the exit hole. The drill diameter is selected according to Technical data.**
2. Press in the Duo-Max through the board with the help of the screw.
3. Tighten the screw carefully and check that the wings have gripped at the rear. Unscrew the screw.
4. Fit the object. The installation is finished.

Specification

| Product | Screw | Brass screw TSP 10/75 M | Duo-Max |
|----------------|--------------------|-------------------------|-------------------|
| Material | Steel | Brass | Polyamide (nylon) |
| Surface finish | Bright zinc plated | Nickel plated | |
| Design | Cylindrical head | Countersunk pan head | |
| Other | | Flat nylon washer | |

DUO-MAX

Technical data and ESSBOX pack



| Item no. | Designation | Drill mm | Screw Ø x length mm | Screw head Ø mm | Bit no | Qty/pack. | Pack./large pack. |
|----------|-------------|----------|---------------------|-----------------|--------|-----------|-------------------|
| 1240001 | TSP 6/50 | 6 | M3×50 | 6 | PZ1 | 25 | 10 |
| 1244003 | TSP 10/50 | 10 | M5×50 | 10 | PZ2 | 25 | 10 |
| 1248004 | TSP 10/65 | 10 | M5×65 | 10 | PZ2 | 25 | 10 |
| 1249002 | TSP 10/75 | 10 | M5×75 | 10 | PZ2 | 25 | 10 |
| 1250000 | TSP 10/75M* | 10 | M5×75 | 11 | PZ2 | 25 | 10 |

* Hook nickel plated

Bulk packages

| Item no. | Designation | Drill mm | Screw Ø x length mm | Screw head Ø mm | Qty/pack. | Item code |
|----------|-------------|----------|---------------------|-----------------|-----------|-----------|
| 1240704 | TSP 6/50 | 6 | M3×50 | 6 | 6000 | B |
| 1244706 | TSP 10/50 | 10 | M5×50 | 10 | 2500 | L |
| 1249507 | TSP 10/75 | 10 | M5×75 | 10 | 1500 | L |
| 1253509 | TSP 10K | 10 | M5 | | 1000 | L |

L = In stock B = Order item

Small package

| Item no. | Designation | Drill mm | Screw Ø x length mm | Screw head Ø mm | Bit no | Qty/pack. | Pack./large pack. |
|----------|-------------|----------|---------------------|-----------------|--------|-----------|-------------------|
| 511637 | TSP 6/50 | 6 | M3×50 | 6 | PZ1 | 4 | 10 |
| 511640 | TSP 10/50 | 10 | M5×50 | 10 | PZ2 | 2 | 10 |
| 511642 | TSP 10/75 | 10 | M5×75 | 10 | PZ2 | 2 | 10 |
| 511645 | TSP 10K* | 10 | M5 | - | PZ2 | 2 | 10 |

* Hook nickel plated

Installation instruction

Max. object thickness in mm for different board thicknesses.

| Item no. | Screw Ø x length mm | Board thickness 9 mm | Board thickness 13 mm | Board thickness 26 mm | Board thickness 35 mm |
|----------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| 1240001 | M3×50 | 22 | 18 | 5 | - |
| 1244003 | M5×50 | 16 | 12 | - | - |
| 1248004 | M5×65 | 29 | 25 | 12 | - |
| 1249002 | M5×75 | 41 | 37 | 24 | 15 |
| 1250000 | M5×75 | 39 | 35 | 22 | 13 |

| Designation | Single drywall kg Tensile load (N)/Shear load (V) | Double drywall kg Tensile load (N)/Shear load (V) |
|----------------------|--|--|
| TSP 6 drywall single | 13/18 | 18/25 |
| TSP 10 | 14/36 | 36/40 |
| Safety factor: 3.0 | | |