TITAN Recoverable Anchor Screws

Minimum 50 reuses guaranteed

Advantages:

- no parts left in the concrete
- no rust stain spoiling the concrete
- pay off in just 5-7 uses
TITAN Recoverable Anchor Screws are a cost effective "temporary anchor" solution and negate the use of "lost" anchor items such as pigtail anchors, loop anchors, plate anchors etc.

Applications

for cantilevered parapet forms

for climbing forms
For anchoring to the wall and as security against uplift

For anchoring single-sided formwork

TITAN Recoverable Anchor Screw

By using the beam bracket the permissible loads of the RSK can be transferred, e.g. horizontal loads of max. 40 kN. The already existing holes in the ALU beam TITAN 225 are designed for the coupling set as well as for beam brackets.

For minimizing horizontal loads on table formwork

For climbing formwork

For lowering the high level soffit form safely
TITAN Recoverable Anchor Screw

with holes in the plywood
without holes in the plywood
nail
GRP holding disk

tie bar 15 drilled through plywood

before concreting

view after unscrewing

wire loop for M 24, SWL 35 kN
adapter bolt for recoverable anchor screw M 24 for climbing formwork

PVC Plug M 24, white, fur sealing the anchor holes in the concrete after unscrewing the anchor screw M 24 / D 15

GRF holding disk M 24, can be nailed, unscrew by square (with extractor key M24), disk- Ø 48 mm

steel holding disk M 36, can be nailed, unscrew by square (with extractor key M 36), disk-Ø 74 mm

Certified Management System to DIN EN ISO 9001 / 2008; Registry-No. DE-96-010

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Permissible tensile- and shear forces and load combinations for TITAN Recoverable Anchor Screws

The figures in the diagram are inclusive a safety factor of 2.5, valid for a concrete strength of 15 N/mm² (C12/15) acc. to test report no. 210 875 287 of MPA Dortmund and acc. to safety rule for transport anchors and sytems for prefab concre parts(issure 4/1986 Baubergenossenschaft/ official German organization for safety)

example: combined loading for recoverable anchor screw M 36 x 430:
perm. tension force = 120 kN
perm. shear force = 60 kN

wire loop for M 24,
SWL 35 kN

adapter bolt for recoverable anchor screw M 24 for climbing formwork

PVC Plug M 24, white, fur sealing the anchor holes in the concrete after unscrewing the anchor screw M 24 / D 15

extractor key

screw M 36 x 90 8.8 DIN 933

adapter bolt for M 36 x 430

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