

FOCUS ON QUALITY
YOUR LIFT EXPERT



CATALOGUE APRIL 2022

ANCHOR CHANNELS & T-HEAD BOLTS

Our range of anchor channels and bolts is characterised by the great variety of design. This broadens your planning scope and gives you opportunities to react flexibly to changing requirements - while always remaining sure that loads will be safely carried.



MUNICH AIRPORT

Around 40 million passengers per year use this airport to fly to 230 destinations in more than 70 countries. In 2012, Skytrax named it as the second best airport in Europe, and it ranks sixth worldwide. Flughafen München GmbH is facing the challenge of reaching the capacity limit

of the airport in the form of a satellite terminal - an extension to Terminal 2. Stingl is supplying components for the attachment of lift guide rails and doors.



ANCHOR CHANNELS & T-HEAD BOLTS

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ANCHOR CHANNELS

Anchor channels are safe, adjustable and rational brackets for guide rails, lift doors and all kinds of loads. The channels are available in standard lengths of 250 mm up to 6,000 mm. They can be used as HTA profiles in concrete lift shafts as well as HM profiles in steel lift shafts. The anchor channels are certified with No. Z.-21.4-34 (manufacturer: Halfen) by the Bureau of Construction Supervision, Berlin. They also comply with the European Norm ETA-09/0339.

DETAILS: Galvanised steel with T-anchors, nail holes and tape filling



ANCHOR CHANNELS PROFILE HTA 40/22 PLUS

| Item No. | Description | Length [mm] |
|--------------|-------------------------------|--------------|
| 001402210152 | Anchor channels HTA-CE 40/22P | 150 mm fvz |
| 001402210202 | Anchor channels HTA-CE 40/22P | 200 mm fvz |
| 001402210252 | Anchor channels HTA-CE 40/22P | 250 mm fvz |
| 001402210352 | Anchor channels HTA-CE 40/22P | 350 mm fvz |
| 001402210402 | Anchor channels HTA-CE 40/22P | 400 mm fvz |
| 001402210552 | Anchor channels HTA-CE 40/22P | 550 mm fvz |
| 001402210802 | Anchor channels HTA-CE 40/22P | 800 mm fvz |
| 001402211052 | Anchor channels HTA-CE 40/22P | 1,050 mm fvz |
| 001402211302 | Anchor channels HTA-CE 40/22P | 1,300 mm fvz |
| 001402211552 | Anchor channels HTA-CE 40/22P | 1,550 mm fvz |
| 001402211802 | Anchor channels HTA-CE 40/22P | 1,800 mm fvz |
| 001402212052 | Anchor channels HTA-CE 40/22P | 2,050 mm fvz |
| 001402212302 | Anchor channels HTA-CE 40/22P | 2,300 mm fvz |
| 001402212552 | Anchor channels HTA-CE 40/22P | 2,550 mm fvz |
| 001402212802 | Anchor channels HTA-CE 40/22P | 2,800 mm fvz |
| 001402213052 | Anchor channels HTA-CE 40/22P | 3,030 mm fvz |
| 001402213302 | Anchor channels HTA-CE 40/22P | 3,300 mm fvz |
| 001402213552 | Anchor channels HTA-CE 40/22P | 3,550 mm fvz |
| 001402213802 | Anchor channels HTA-CE 40/22P | 3,800 mm fvz |
| 001402214052 | Anchor channels HTA-CE 40/22P | 4,050 mm fvz |
| 001402214302 | Anchor channels HTA-CE 40/22P | 4,300 mm fvz |
| 001402216072 | Anchor channels HTA-CE 40/22P | 6,070 mm fvz |



FURTHER PROFILES, TYPES AND LENGTHS AVAILABLE UPON REQUEST!



ANCHOR CHANNELS PROFILE HTA 50/30 PLUS

| Item No. | Description | Length [mm] |
|--------------|-------------------------------|--------------|
| 001503010252 | Anchor channels HTA-CE 50/30P | 250 mm fvz |
| 001503010302 | Anchor channels HTA-CE 50/30P | 300 mm fvz |
| 001503010352 | Anchor channels HTA-CE 50/30P | 350 mm fvz |
| 001503010402 | Anchor channels HTA-CE 50/30P | 400 mm fvz |
| 001503010502 | Anchor channels HTA-CE 50/30P | 500 mm fvz |
| 001503010552 | Anchor channels HTA-CE 50/30P | 550 mm fvz |
| 001503010802 | Anchor channels HTA-CE 50/30P | 800 mm fvz |
| 001503011052 | Anchor channels HTA-CE 50/30P | 1.050 mm fvz |
| 001503011302 | Anchor channels HTA-CE 50/30P | 1.300 mm fvz |
| 001503011552 | Anchor channels HTA-CE 50/30P | 1.550 mm fvz |
| 001503011802 | Anchor channels HTA-CE 50/30P | 1.800 mm fvz |
| 001503012052 | Anchor channels HTA-CE 50/30P | 2.050 mm fvz |
| 001503012302 | Anchor channels HTA-CE 50/30P | 2.300 mm fvz |
| 001503012552 | Anchor channels HTA-CE 50/30P | 2.550 mm fvz |
| 001503012802 | Anchor channels HTA-CE 50/30P | 2.800 mm fvz |
| 001503013052 | Anchor channels HTA-CE 50/30P | 3.030 mm fvz |
| 001503013302 | Anchor channels HTA-CE 50/30P | 3.300 mm fvz |
| 001503013552 | Anchor channels HTA-CE 50/30P | 3.550 mm fvz |
| 001503013802 | Anchor channels HTA-CE 50/30P | 3.800 mm fvz |
| 001503014302 | Anchor channels HTA-CE 50/30P | 4.300 mm fvz |
| 001503016072 | Anchor channels HTA-CE 50/30P | 6.070 mm fvz |



ANCHOR CHANNELS PROFILE HTA 55/42

| Item No. | Description | Length [mm] |
|--------------|------------------------------|--------------|
| 024554210401 | Anchor channels HTA-CE 55/42 | 400 mm fvz |
| 024554210551 | Anchor channels HTA-CE 55/42 | 550 mm fvz |
| 024554210801 | Anchor channels HTA-CE 55/42 | 800 mm fvz |
| 024554211051 | Anchor channels HTA-CE 55/42 | 1.050 mm fvz |
| 024554211551 | Anchor channels HTA-CE 55/42 | 1.550 mm fvz |
| 024554212301 | Anchor channels HTA-CE 55/42 | 2.300 mm fvz |
| 024554212551 | Anchor channels HTA-CE 55/42 | 1.550 mm fvz |
| 024554212801 | Anchor channels HTA-CE 55/42 | 2.800 mm fvz |
| 024554213031 | Anchor channels HTA-CE 55/42 | 3.030 mm fvz |
| 024554216071 | Anchor channels HTA-CE 55/42 | 6.070 mm fvz |

FURTHER PROFILES, TYPES AND LENGTHS AVAILABLE UPON REQUEST!

HALFEN DYNAGRIP ANCHOR CHANNELS

CONSTRUCTION SUPERVISION APPROVAL FOR ANCHOR CHANNEL HZA DYNAGRIP 2-21.4-1691

HALFEN DYNAGRIP anchor channels are a new development for applications with high loads, where channel is cast in vertically. These high performance channels can even absorb dynamic load components of up to 3 kN. Special toothed profiles provide positive engagement and eliminates the risk of slipping.

HALFEN DYNAGRIP anchor channels meet or exceed the conditions for anchoring lift guide rails: Three-dimensional load absorption with high dynamic loads. These channels are also suitable for vertical installation, e.g. in concrete columns carrying longitudinal loads.

Quality features of HALFEN DYNAGRIP cast-in channels are:

- high load-bearing capacity up to 12 kN as the resultant load in all directions
- allowable dynamic load amplitude of up to 3 kN
- compact product range with two types HZA 29/20 and HZA 38/23
- high degree of corrosion protection due to hot-dip galvanized design
- officially approved



SURFACE FIXED CHANNELS HM

HALFEN mounting rails together with the corresponding HALFEN screws or threaded plates offer all advantages for flexible screw connections and frame constructions. Due to the flexibility of the systems the most economical solution can be chosen for different requirements.

| Item No. | Description | length [mm] |
|--------------|--------------------------|-------------|
| 026402220300 | Montageschienen HM 40/22 | 300 |
| 026402220400 | Montageschienen HM 40/22 | 400 |
| 026402220550 | Montageschienen HM 40/22 | 550 |
| 026402220800 | Montageschienen HM 40/22 | 800 |
| 026402221050 | Montageschienen HM 40/22 | 1.050 |
| 026402221300 | Montageschienen HM 40/22 | 1.300 |
| 026402221550 | Montageschienen HM 40/22 | 1.550 |
| 026402221800 | Montageschienen HM 40/22 | 1.800 |
| 026402222050 | Montageschienen HM 40/22 | 2.050 |
| 026402222300 | Montageschienen HM 40/22 | 2.300 |
| 026402222550 | Montageschienen HM 40/22 | 2.550 |
| 026402223000 | Montageschienen HM 40/22 | 3.000 |



FURTHER SIZES AND LENGTHS AVAILABLE UPON REQUEST!

2



T-HEAD AND HAMMER-HEAD BOLTS

T-head and hammer head bolts are used in connection with Halfen/Unistrut channels (e.g. HM and HTA) and allow, for example, the fastening of lift guide rails. The bolts can be placed flexibly in the required position in the anchor channel. They can be fastened

flush with the fixing object or combined with angle pieces in order to bridge distances.

| Type | for Profile |
|----------|--------------|
| HS 28/15 | 28/15 |
| HS 40/22 | 40/22 |
| HS 50/30 | 52/34, 50/30 |

HAMMER-HEAD BOLTS FOR PROFILES HTA 28/15

| Item No. | Designation | Description |
|---------------|--|---|
| 0272815060201 | Hammer-Head Bolts M6x20 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815060251 | Hammer-Head Bolts M6x25 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815060401 | Hammer-Head Bolts M6x40 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815080151 | Hammer-Head Bolts M8x15 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815080201 | Hammer-Head Bolts M8x20 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815080301 | Hammer-Head Bolts M8x30 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815080401 | Hammer-Head Bolts M8x40 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815080501 | Hammer-Head Bolts M8x50 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815100201 | Hammer-Head Bolts M10x20 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815100301 | Hammer-Head Bolts M10x30 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815100401 | Hammer-Head Bolts M10x40 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815100801 | Hammer-Head Bolts M10x80 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815120301 | Hammer-Head Bolts M12x30 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815120501 | Hammer-Head Bolts M12x50 for HTA 28/15 | electrolytically galvanized, property class 4.6 |
| 0272815120801 | Hammer-Head Bolts M12x80 for HTA 28/15 | electrolytically galvanized, property class 4.6 |

HAMMER-HEAD BOLTS FOR PROFILES HTA 40/22

| Item No. | Designation | Description |
|---------------|---|--|
| 0274022100201 | Hammer-Head Bolts M10x20 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022100301 | Hammer-Head Bolts M10x30 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022100302 | Hammer-Head Bolts M10x30 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022100401 | Hammer-Head Bolts M10x40 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022100402 | Hammer-Head Bolts M10x40 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022100501 | Hammer-Head Bolts M10x50 for HTA 40/22 | electrolytically galvanized, Fest.Klasse 4.6 |
| 0274022100601 | Hammer-Head Bolts M10x60 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022100801 | Hammer-Head Bolts M10x80 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022101001 | Hammer-Head Bolts M10x100 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022120201 | Hammer-Head Bolts M12x20 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022120301 | Hammer-Head Bolts M12x30 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022120401 | Hammer-Head Bolts M12x40 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022120452 | Hammer-Head Bolts M12x45 for HTA 40/22 | electrolytically galvanized, property class 8.8! |
| 0274022120501 | Hammer-Head Bolts M12x50 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022120502 | Hammer-Head Bolts M12x50 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022120601 | Hammer-Head Bolts M12x60 for HTA 40/22 | galvanisch oder FV verzinkt, property class 4.6 |
| 0274022120602 | Hammer-Head Bolts M12x60 for HTA 40/22 | electrolytically galvanized, property class 8.8 |
| 0274022120802 | Hammer-Head Bolts M12x80 for HTA 40/22 | electrolytically galvanized, property class 8.8! |
| 0274022121001 | Hammer-Head Bolts M12x100 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022121002 | Hammer-Head Bolts M12x100 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022121251 | Hammer-Head Bolts M12x125 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022121501 | Hammer-Head Bolts M12x150 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022160401 | Hammer-Head Bolts M16x40 for HTA 40/22 | electrolytically galvanized, property class 4.6 |

| Item No. | Designation | Description |
|---------------|---|--|
| 0274022160402 | Hammer-Head Bolts M16x40 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022160501 | Hammer-Head Bolts M16x50 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022160502 | Hammer-Head Bolts M16x50 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022160601 | Hammer-Head Bolts M16x60 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022160602 | Hammer-Head Bolts M16x60 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022160801 | Hammer-Head Bolts M16x80 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022160802 | Hammer-Head Bolts M16x80 for HTA 40/22 | electrolytically galvanized, property class 8.8! |
| 0274022161001 | Hammer-Head Bolts M16x100 for HTA 40/22 | electrolytically galvanized, property class 4.6 |
| 0274022161002 | Hammer-Head Bolts M16x100 for HTA 40/22 | hot-tip galvanized, property class 8.8 |
| 0274022161251 | Hammer-Head Bolts M16x125 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022161501 | Hammer-Head Bolts M16x150 for HTA 40/22 | hot-tip galvanized, property class 4.6 |
| 0274022162501 | Hammer-Head Bolts M16x250 for HTA 40/22 | electrolytically galvanized, property class 4.6 |

HAMMER-HEAD BOLTS FOR PROFILES HTA 50/30 UND 52/34

| Item No. | Designation | Description |
|---------------|---|---|
| 0275030120301 | Hammer-Head Bolts M12x30 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030120401 | Hammer-Head Bolts M12x40 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030120452 | Hammer-Head Bolts M12x45 for HTA 50/30 | hot-tip galvanized, property class 8.8 |
| 0275030120501 | Hammer-Head Bolts M12x50 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030120601 | Hammer-Head Bolts M12x60 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030120602 | Hammer-Head Bolts M12x60 for HTA 50/30 | electrolytically galvanized, property class 8.8 |
| 0275030120801 | Hammer-Head Bolts M12x80 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030120802 | Hammer-Head Bolts M12x80 for HTA 50/30 | hot-tip galvanized, property class 8.8 |
| 0275030121001 | Hammer-Head Bolts M12x100 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030121251 | Hammer-Head Bolts M12x125 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030160401 | Hammer-Head Bolts M16x40 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030160402 | Hammer-Head Bolts M16x40 for HTA 50/30 | electrolytically galvanized, property class 8.8 |
| 0275030160501 | Hammer-Head Bolts M16x50 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030160601 | Hammer-Head Bolts M16x60 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030160602 | Hammer-Head Bolts M16x60 for HTA 50/30 | hot-tip galvanized, property class 8.8 |
| 0275030160801 | Hammer-Head Bolts M16x80 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030160802 | Hammer-Head Bolts M16x80 for HTA 50/30 | electrolytically galvanized, property class 8.8 |
| 0275030161001 | Hammer-Head Bolts M16x100 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030161002 | Hammer-Head Bolts M16x100 for HTA 50/30 | hot-tip galvanized, property class 8.8 |
| 0275030161251 | Hammer-Head Bolts M16x125 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030161501 | Hammer-Head Bolts M16x150 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030162001 | Hammer-Head Bolts M16x200 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030200451 | Hammer-Head Bolts M20x45 for HTA 50/30 | hot-tip galvanized, property class 4.6 |
| 0275030200452 | Hammer-Head Bolts M20x45 for HTA 50/30 | hot-tip galvanized, property class 8.8 |
| 0275030200551 | Hammer-Head Bolts M20x55 for HTA 50/30 | electrolytically galvanized, property class 4.6 |
| 0275030200602 | Hammer-Head Bolts M20x60 for HTA 50/30 | electrolytically galvanized, property class 8.8 |
| 0275030200802 | Hammer-Head Bolts M20x80 for HTA 50/30 | hot-tip galvanized, property class 8.8 |

FURTHER SIZES AND LENGTHS AVAILABLE UPON REQUEST!

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