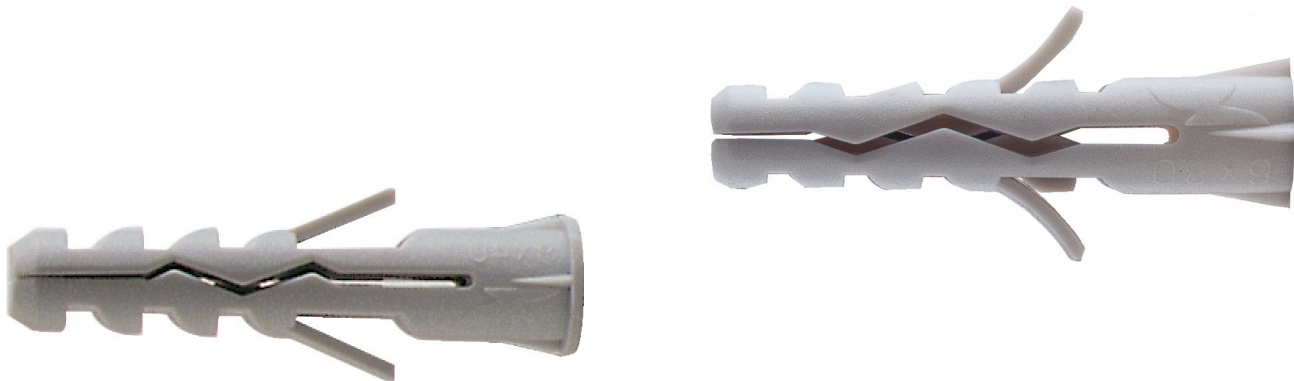


technisches Datenblatt TECHNICAL DATASHEET

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CONDOR NYLON plug for medium loads on main construction materials

Dübel für mittlere Lasten in vielen Baustoffen

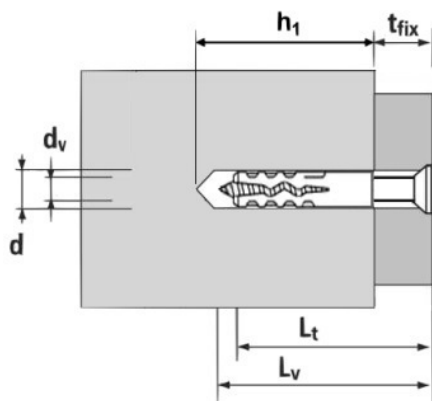


Available in two versions with and without collar
lieferbar mit und ohne Kragen

Base material

| specific use | suitable use |
|--|---|
| concrete compact stone solid masonry perforated masonry | hollow masonry concrete hollow blocks AAC |

| geeignet | möglich |
|---|---|
| Beton Naturstein Vollziegel Lochziegel | Hohlziegel Hohlblocksteine Porenbeton |

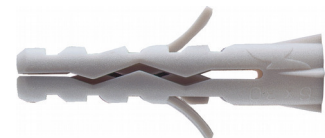


- d = plug diameter = hole diameter Dübeldurchmesser = Lochdurchmesser
- L_t = plug length Dübelläge
- t_{fix} = fixable thickness Anbauteil
- h₁ = minimum hole depth minimale Lochtiefe
- h_{nom} = nominal embedment depth Einstecktiefe
- h_{ef} = effective anchorage depth effektive Verankerungstiefe
- d_v = screw diameter Schraubendurchmesser
- L_v = screw length Schraubenlänge

$h_{nom} = h_{ef} = L_t$
 $L_v \geq L_t + t_{fix}$

CONDOR Nylon without collar ohne Kragen

| art. | descr. | d mm | L _t mm | h ₁ mm | d _v mm |
|-------|--------|------|-------------------|-------------------|-------------------|
| HTC04 | C4 | 4 | 20 | 25 | 2 ÷ 3 |
| HTC05 | C5 | 5 | 25 | 35 | 3 ÷ 4 |
| HTC06 | C6 | 6 | 30 | 40 | 4 ÷ 5 |
| HTC07 | C7 | 7 | 30 | 40 | 4 ÷ 5.5 |
| HTC08 | C8 | 8 | 40 | 50 | 4.5 ÷ 6 |
| HTC10 | C10 | 10 | 50 | 60 | 6 ÷ 8 |
| HTC12 | C12 | 12 | 60 | 70 | 8 ÷ 10 |
| HTC14 | C14 | 14 | 80 | 90 | 10 ÷ 12 |

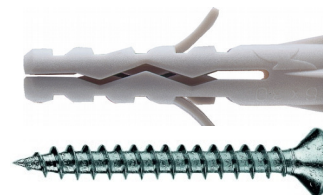


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CONDOR NYLON plug for medium loads on main construction materials

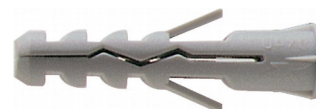
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 CONDOR Nylon without collar
 with white zinc plated countersunk chipboard screw, cross drive

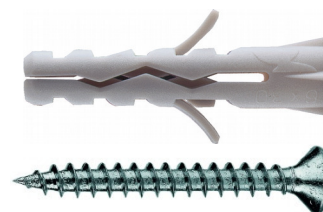
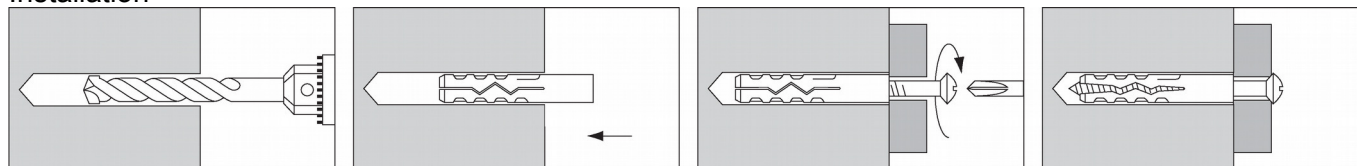
| art. | descr. | d mm | L _t mm | h ₁ mm | d _v mm | L _v mm | t _{fix} mm |
|--------|--------|------|-------------------|-------------------|-------------------|-------------------|---------------------|
| HTC55 | C5VPS | 5 | 25 | 35 | 4 | 30 | 5 |
| HTC65 | C6VPS | 6 | 30 | 40 | 4,5 | 40 | 10 |
| HTC85 | C8VPS | 8 | 40 | 50 | 5 | 50 | 10 |
| HTC105 | C10VPS | 10 | 50 | 60 | 6 | 60 | 10 |


CONDOR Nylon with collar mit Kragen

| art. | descr. | d mm | L _t mm | h ₁ mm | d _v mm |
|--------|--------|------|-------------------|-------------------|-------------------|
| HTCB05 | CB5 | 5 | 25 | 35 | 3 ÷ 4 |
| HTCB06 | CB6 | 6 | 30 | 40 | 4 ÷ 5 |
| HTCB08 | CB8 | 8 | 40 | 50 | 4.5 ÷ 6 |
| HTCB10 | CB10 | 10 | 50 | 60 | 6 ÷ 8 |
| HTCB12 | CB12 | 12 | 60 | 70 | 8 ÷ 10 |


 CONDOR Nylon with collar
 with white zinc plated countersunk chipboard screw, cross drive

| art. | descr. | d mm | L _t mm | h ₁ mm | d _v mm | L _v mm | t _{fix} mm |
|---------|---------|------|-------------------|-------------------|-------------------|-------------------|---------------------|
| HTCB55 | CB5VPS | 5 | 25 | 35 | 4 | 30 | 5 |
| HTCB65 | CB6VPS | 6 | 30 | 40 | 4,5 | 40 | 10 |
| HTCB85 | CB8VPS | 8 | 40 | 50 | 5 | 50 | 10 |
| HTCB105 | CB10VPS | 10 | 50 | 60 | 6 | 60 | 10 |


Installation

Materials

| part | material | surface |
|--------|---------------------------------|------------------------------------|
| plug | polyamide (Nylon) grey RAL 7035 | - |
| screws | steel | white zinc plating ≥ 5 µm ISO 4042 |

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CONDOR NYLON plug for medium loads on main construction materials

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Last Daten

in daN (1 daN ≈ 1 kg), gilt für die Schrauben mit dem größten angegebenen Durchmesser

Strength data

in daN (1 daN ≈ 1 kg), valid for screws with the maximum recommended diameter for each size

Charakteristischer Widerstand

Characteristic resistance

| Art. | concrete C20/25 | solid brick | hollow brick |
|------|--------------------|-------------|--------------|
| C4 | 60 | 30 | - |
| C5 | 160 | 60 | 60 |
| C6 | 240 | 150 | 60 |
| C7 | 280 | 170 | 60 |
| C8 | 360 | 200 | 80 |
| C10 | 720 | 280 | 80 |
| C12 | 880 | 330 | 80 |
| C14 | 1520 | 400 | 100 |

Appropriate safety factor is recommended (4 ÷ 5).

Characteristic resistances derive from tests conducted in G&B Fissaggi's laboratories according to international guidelines. Load values are valid only if installation is performed accurately. Designer is responsible for the choice of size and number of anchors.

Bestimmen Sie einen ausreichenden Sicherheitsfaktor (4 ÷ 5).

Die charakteristischen Widerstände ergeben sich aus Tests, die im G&B Labor unter Einhaltung der Referenzstandards durchgeführt wurden. Lastwerte sind nur gültig, wenn die Montage korrekt erfolgt ist. Der Konstrukteur ist für die Bemessung und Anzahl der Anker verantwortlich.

Empfohlene Last

Recommended load

| Art. | Beton | Vollziegel | Hohlziegel |
|------|--------------------|-------------|--------------|
| | concrete C20/25 | solid brick | hollow brick |
| C4 | 11 | 5 | - |
| C5 | 29 | 11 | 11 |
| C6 | 43 | 27 | 11 |
| C7 | 50 | 30 | 11 |
| C8 | 64 | 36 | 14 |
| C10 | 129 | 50 | 14 |
| C12 | 157 | 59 | 14 |
| C14 | 271 | 71 | 18 |

Recommended loads include the above mentioned partial safety factor 4 and the further safety factor 1.4.

Die empfohlenen Lasten umfassen den oben genannten Sicherheitsfaktor 4 und den zusätzlichen Sicherheitsfaktor 1,4.

Nylondübel CONDOR ohne Kragen

| Art.-Nr. | Typ | Ø x L _t | Schachtel | Karton | Barcode Schachtel | Barcode Karton |
|----------|---------|--------------------|-----------|--------|-------------------|----------------|
| HTC04 | C4 | 4x20 | 200 | 6400 | 8003567250019 | 8003567251238 |
| HTC05 | C5 | 5x25 | 200 | 6400 | 8003567250026 | 8003567251245 |
| HTC06 | C6 | 6x30 | 200 | 6400 | 8003567250033 | 8003567251252 |
| HTC07 | C7 | 7x30 | 100 | 4000 | 8003567250040 | 8003567251559 |
| HTC08 | C8 | 8x40 | 50 | 2000 | 8003567250057 | 8003567251528 |
| HTC10 | C10 | 10x50 | 25 | 1000 | 8003567250064 | 8003567251566 |
| HTC12 | C12 | 12x60 | 25 | 400 | 8003567250071 | 8003567251511 |
| HTC14 | C14 | 14x80 | 25 | 400 | 8003567250088 | 8003567251504 |
| HTC1410 | C14A100 | 14x100 | 25 | 400 | 8003567570063 | 8003567240270 |
| HTC50 | C5 | 5x25 | 1000 | 10000 | 8003567630019 | 8003567251047 |
| HTC60 | C6 | 6x30 | 1000 | 10000 | 8003567630026 | 8003567251078 |
| HTC80 | C8 | 8x40 | 500 | 10000 | 8003567630033 | 8003567251115 |
| HTC100 | C10 | 10x50 | 250 | 5000 | 8003567630040 | 8003567250972 |
| HTC120 | C12 | 12x60 | 125 | 2500 | 8003567630057 | 8003567251016 |
| HTC140 | C14 | 14x80 | 50 | 2000 | 8003567630064 | 8003567251030 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Nylondübel CONDOR mit Kragen

| | | | | | | |
|---------|------|-------|------|-------|---------------|---------------|
| HTCB05 | CB5 | 5x25 | 200 | 6400 | 8003567250095 | 8003567251269 |
| HTCB06 | CB6 | 6x30 | 200 | 6400 | 8003567250101 | 8003567251276 |
| HTCB08 | CB8 | 8x40 | 100 | 2000 | 8003567250118 | 8003567251535 |
| HTCB10 | CB10 | 10x50 | 50 | 1000 | 8003567250125 | 8003567251542 |
| HTCB12 | CB12 | 12x60 | 25 | 400 | 8003567251597 | 8003567251610 |
| HTCB50 | CB5 | 5x25 | 1000 | 10000 | 8003567630071 | 8003567250408 |
| HTCB60 | CB6 | 6x30 | 1000 | 10000 | 8003567630088 | 8003567250446 |
| HTCB80 | CB8 | 8x40 | 500 | 10000 | 8003567630095 | 8003567250491 |
| HTCB100 | CB10 | 10x50 | 250 | 5000 | 8003567630101 | 8003567250378 |
| HTCB120 | CB12 | 12x60 | 125 | 2500 | 8003567251603 | 8003567251627 |
| | | | | | | |