

## SIMONSWERK VARIANT® VN

### VN 3748/160

as retrofit hinge for unrebated heavy-duty doors with steel frames

#### hinge

#### Technical details

load capacity	160,0 kg
knuckle length	160,0 mm
knuckle diameter	22,5 mm
material thickness	3,5 mm
cutter diameter	24,0 mm
screws	5,0 x 50,0 mm
pin diameter	10,0 mm

#### descriptive text

SIMONSWERK VARIANT heavy duty hinge VN 3748/160 for unrebated doors for retrofitting on steel frames with M 10 blind rivet nuts. CE certified, load capacity 160 kg, knuckle length 160 mm, knuckle diameter 22,5 mm, right hand and left hand applicable. Internal torsion-proof screw pin, concealed, maintenance-free, generously dimensioned axial-radial slide bearings. Finish...

#### Note

The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m).

Also available with security pin (MSTS).

A reinforcing dowel 12x50 mm per hinge is recommended when the door is subject to heavy usage.

#### Product features

- for unrebated heavy-duty doors
- for casing and steel frame
- for blind rivet nut
- internal torsion-proof screw pin
- concealed, maintenance-free axial-radial slide bearings

#### Functional areas

fire resistance, smoke resistance

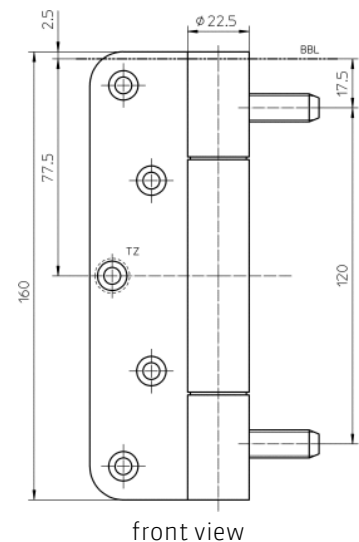
#### Quality marks



#### Combination

accessories

blind rivet nut M 10



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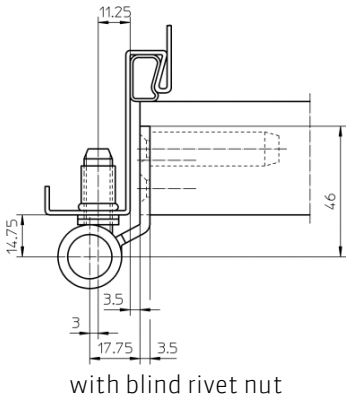
hinge	
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installation tools

universal milling frame
plug-on drilling jig VARIANT VN 3700/160
serial drilling jig VARIANT VN 3700/160
template 5 250353 5

Items (DIN reference: DIN right and left hand)

finish(es)	galvanised 010
packing unit	pack of 2
item number	5 050541 0 01002
finish(es)	satin nickelled/F2 018
packing unit	pack of 2
item number	5 050541 0 01802
finish(es)	satin chromed/F1 037
packing unit	pack of 2
item number	5 050541 0 03702
finish(es)	satin brushed stainless steel 040
packing unit	pack of 2
item number	5 050541 0 04002



While every due care has been taken, we cannot be held responsible for errors, omissions or defects.  
We kindly ask for your understanding.