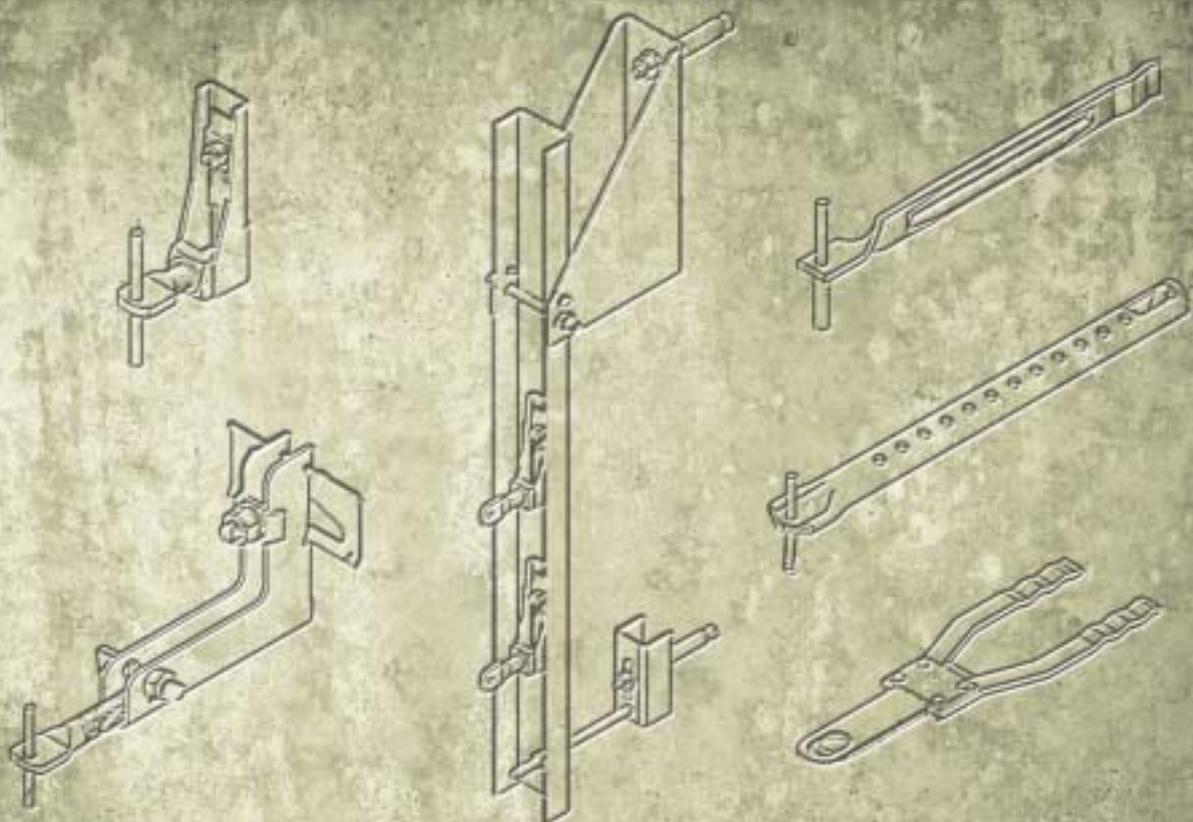


YOUR BEST CONNECTIONS



LUTZ STONE SUPPORT SYSTEMS

NA 03-E

FACADE



HALFEN·DEHA

YOUR BEST CONNECTIONS

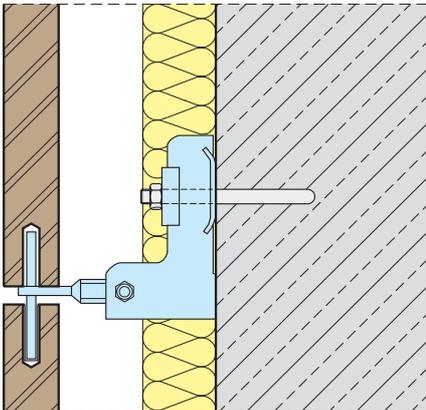
LUTZ STONE SUPPORT SYSTEMS

LUTZ Body Anchors; Scaffold Anchors



The varying characteristics of natural stone cladding require safe and flexible anchoring systems. The LUTZ Body Anchors for mounting with site drilled bolts offer many advantages for professional fastening:

- Suitable for fixing to concrete substructure
- Minimal amount of drill holes
- Can be subjected to load immediately
- Installation independent to weather condition
- Adjustable in three directions
- Wide range for use in many situations

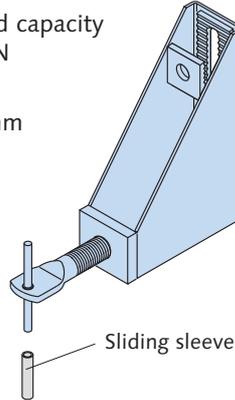


LUTZ Body Anchor

Horizontal load capacity
0.4 - 1.3 kN

Projections
60 - 160 mm

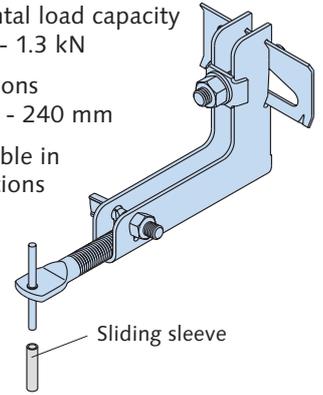
Adjustable in
3 directions



Horizontal load capacity
0.4 - 1.3 kN

Projections
140 - 240 mm

Adjustable in
3 directions

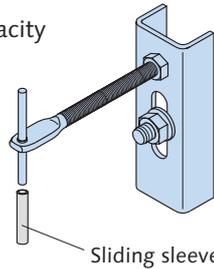


Retaining Anchor DH

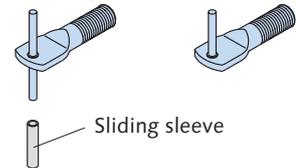
Horizontal load capacity
Wind loads
0.85 - 1.3 kN

Projection
60 - 240 mm

Adjustable in
3 directions



Design versions



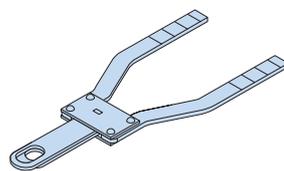
Scaffold Anchors

The LUTZ scaffold anchors HB for the horizontal and VB for the vertical joint are permanent scaffold fastenings to take up horizontal lateral forces and horizontal tensile or compressive forces. The scaffold anchors have been dimensioned for lateral forces of 1.2 kN and tensile or compression forces of 3.3 kN, following DIN 4420.

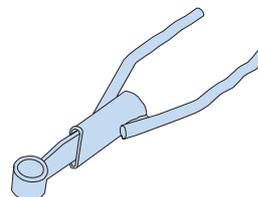
The anchor body is made of stainless steel 1.4571/AISI 316 (A4).

The LUTZ scaffold anchors HB and VB are available as standard for projections up to 280 mm for façade slabs with a joint width of at least 8 mm.

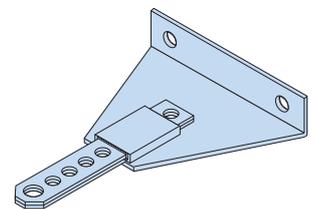
The flat scaffold anchor type HGA-F is able to bear 5 kN of tensile forces and 1.7 kN of lateral forces parallel to the building.



Scaffold anchor HB



Scaffold anchor VB



Scaffold anchor HGA-F

LUTZ STONE SUPPORT SYSTEMS

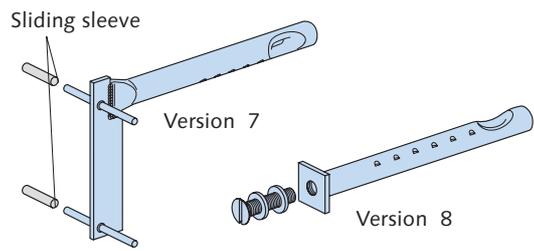
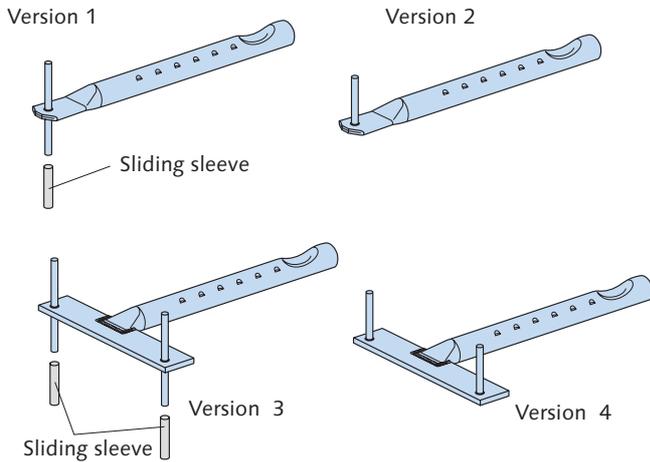
Grout-in Anchors

Support anchor UMA, retaining anchor UHA Type tested

Support anchor UMA -type tested-

Vertical load capacity
0.3 - 3.8 kN

Projections
20 - 300 mm
adjustable in the
drilled hole



Support anchors
UMA can take
up the full load
in all directions
from horizontal
to vertical !



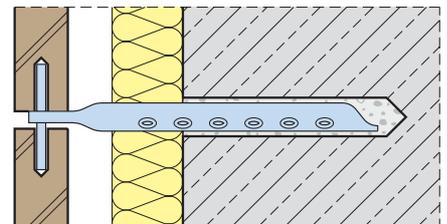
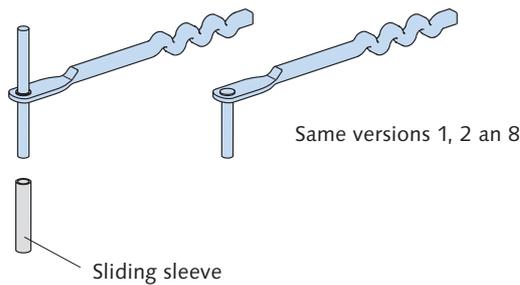
Due to their reduced diameter, LUTZ grout-in anchors enable drill holes to be kept as small as possible and also offer many other advantages:

- Can be fixed to both concrete and brickwork
- Smaller drill holes
- Suitable for large cavities
- Full load-bearing capacity at any angle
- Adjustable within drill hole
- Wide range of types for use in various situations

Retaining anchor UHA (type tested)

Horizontal load capacity:
Compr./tension loads
3.00/3.00 kN

Projections:
20 - 300 mm
adjustable in the
drilled hole

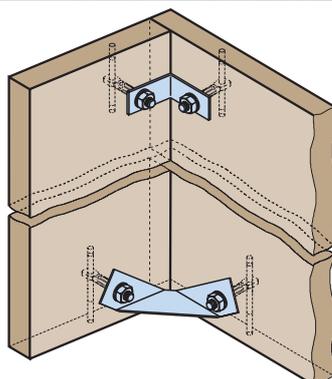


Support anchor UMA in the horizontal joint

Angle connections

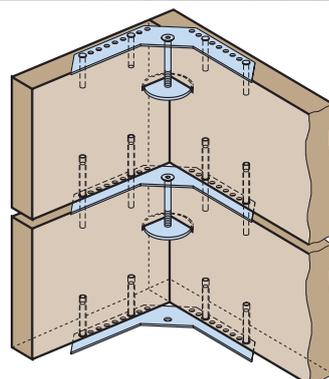
Soffit angle LW-T and LW-H

- Simple preparation
- Socket pins acc. to DIN 18516 Sect.3



Soffit angle NAS-JLW

- Economic
- Space saving transport of the panels
- Easy to install on the site



LUTZ STONE SUPPORT SYSTEMS

Sub-Structures, Accessories



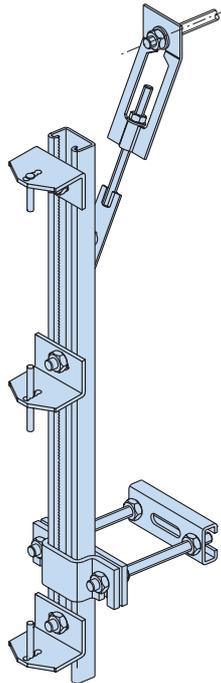
Natural stone cladding with large and varying cavities can be attached without problems, using the LUTZ sub-structure systems.

The systems consist of two components:
 (1) Sub-structure and
 (2) Support and restraint anchors.
 These systems offers many advantages:

- A low number of simple individual components
- Ideal for large and variable wall cavities
- Quick assembly
- Reduced number of fixing points
- Immediate load capacity
- Weather-resistant assembly
- Completely controlled fixing of heat insulation
- Reduced thermal bridge
- Adjustable in three directions
- Wide range of types for use in various situations

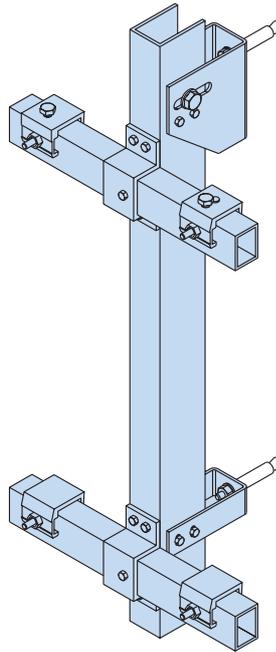
LUTZ Sub-structure systems

Stainless steel substructure
 SUK using toothed fixing
 channels



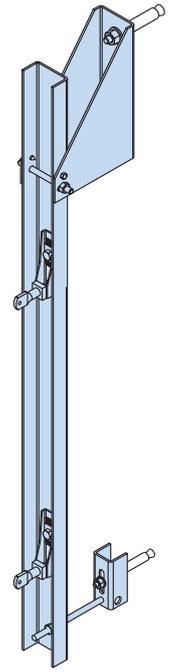
Vertical load capacity
 5.0 kN
 per support anchor:
 0.8 - 1.2 kN
 Projection:
 160 - 360 mm
 adjustable in 3 directions

Aluminium sub-structure
 UHK for fixing with
 undercut dowels



Vertical load capacity
 3.5 kN
 per support anchor:
 0.4 kN
 Projection:
 220 - 350 mm
 adjustable in 3 directions

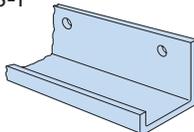
Aluminium sub-structure
 UHB for Body Anchors



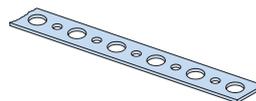
Vertical load capacity
 3.5 kN
 per support anchor:
 0.7 kN
 Projection:
 200 - 320 mm
 adjustable in 3 directions

... and further accessories

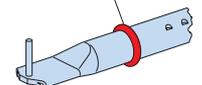
Support channel
 NAS-T



Perforated strip
 NAS-L



Water drop ring
 NAS-R
 available
 for all
 anchors



For more accessories, refer to Technical Brochure FS-E

HALFEN-DEHA Vertriebsgesellschaft mbH

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 Telefax: +49 (0) 7044-24-325
 E-Mail: fa@halfen-deha.de

Das HALFEN-DEHA -
 Qualitätsmanagement-System ist
 für die Standorte in Deutschland
 und in der Schweiz zertifiziert
 nach **DIN EN ISO 9001** Zertifikat-
 Nr. QS-281 HH

