

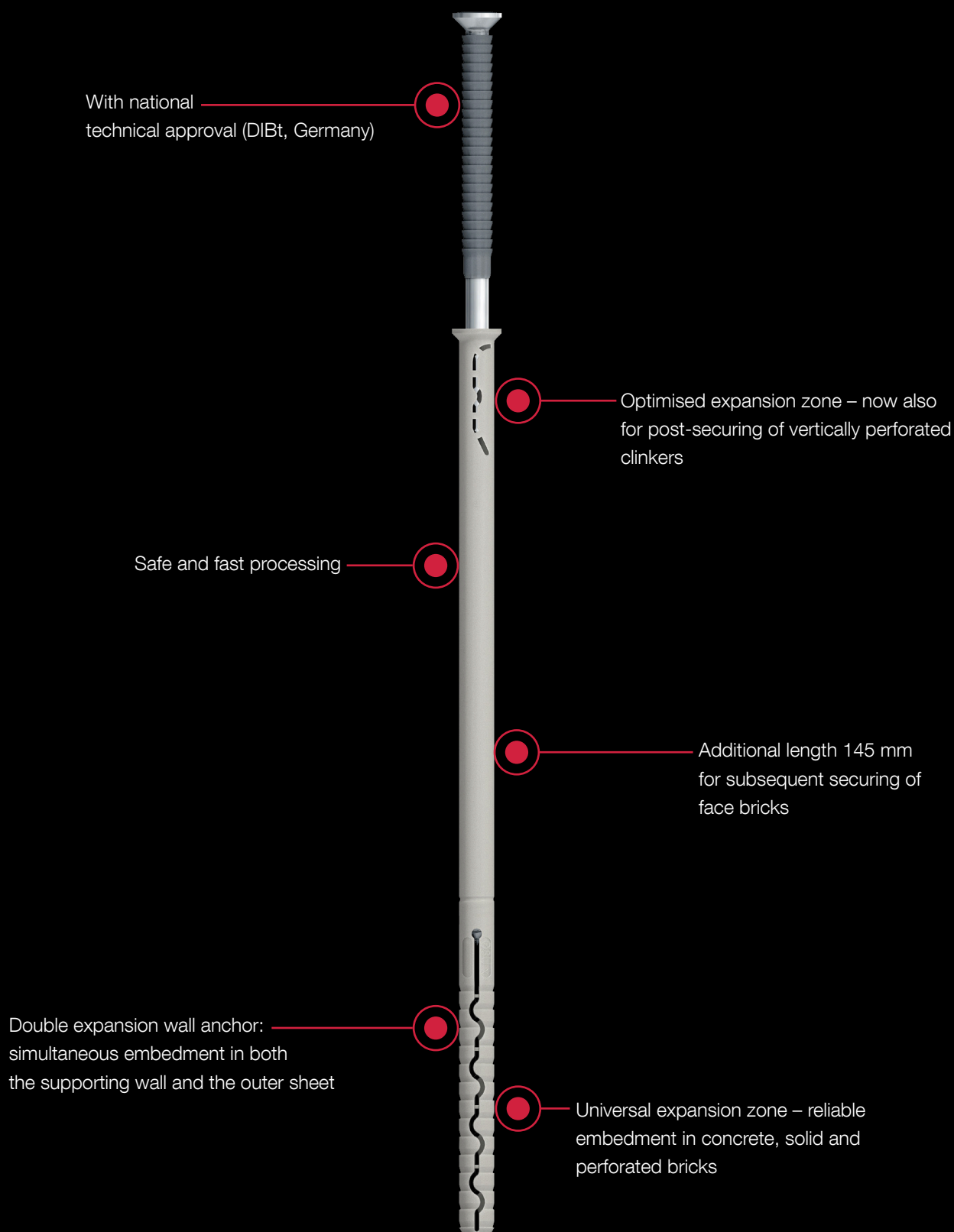
## VSD 2G 8U-V

For subsequent securing of outer sheets  
and face bricks



## VSD 2G 8U-V

Cavity wall repair anchor with two expansion zones for subsequent securing of outer sheets and face bricks



## VSD 2G 8U-V



### Applications

- > For subsequent securing of outer sheets to buildings
- > Now new: for subsequent securing of face bricks and vertically perforated clinkers
- > Cost-effective restoring of the structural integrity
- > For concrete, solid and perforated bricks
- > With national technical approval (DIBt, Germany)

### Benefits

- > 100 % installation control
- > Can be installed at 0 °C

### Technical specifications

Diameter	8 mm
Embedment depth in the load-bearing shell $h_{ef}$	≥ 70 mm
Drill hole depth in the load-bearing shell	≥ 80 mm
Nominal drill diameter	8 mm
Minimum thickness outer sheet / face brick	115 mm / 60 mm

### Technical specifications



### Certifications



### Design value of the load-bearing capacity $N_{Rd}^*$ in the load-bearing inner shell per anchor in kN

Base material		Raw density $\rho$ [kg/dm <sup>3</sup> ]	$N_{Rd}^*$ [kN]
Concrete acc. to DIN EN 206: 2014-07 / DIN 1045:1988-07	≥ C12/15	-	0.75
Brick acc. to DIN 105-100:2012-01 / DIN EN 771-1:2015-11	≥ Mz 12	≥ 1.8	0.75
Solid sand-lime brick acc. to DIN 106:2015-06/ DIN EN 771-2:2015-11	≥ KS 12	≥ 1.8	0.75
Vertically perforated brick acc. to DIN 105-100:2012-01 / DIN EN 771-1:2015-11	≥ Hlz 12	≥ 0.9	0.6
Perforated sand-lime brick acc. to DIN 106:2015-06 / DIN EN 771-2:2015-11	≥ KSL 12	≥ 1.6	0.75
Lightweight concrete hollows blocks acc. to DIN V18151-100:2005-10 / DIN EN 771-13:2015-11	≥ Hbl 2	≥ 0.5	0.4
Lightweight concrete hollows blocks and full blocks acc. to DIN V 18152-100/2005-10 / DIN EN 771-13:2015-11	≥ V 4	≥ 0.5	0.45

### Design value of the load-bearing capacity $N_{Rd}^*$ in the outer sheet per anchor in kN

Base material		Raw density $\rho$ [kg/dm <sup>3</sup> ]	$N_{Rd}^*$ [kN]
Facing brick acc. to DIN 105-100:2012 / DIN EN 771-1:2015-11	≥ VMz 28	≥ 2.2	0.6
Sand-lime face brick acc. to DIN 106:2015-06 / DIN EN 771-2:2015-11	≥ KS Vb 20	≥ 1.8	0.45
Vertically perforated clinkers acc. to DIN 105-100:2012-01 / DIN EN 771-1:2015-11	≥ KHz 36 NF	≥ 1.6	0.45
Face brick acc. to DIN 105-100:2012-01 / DIN EN 771-1:2015-11	≥ KHz 36 Spar	≥ 2.0	0.6

\* $N_{Rd}$  = including national material safety factor (Germany)

Note: When dimensioning anchors for Germany, the specifications from the approval must be taken into account. For all other countries, the respective national regulations apply.

Order description and length [mm]	Minimum thickness outer sheet / face brick <sup>1)</sup> [mm]	Max. air layer thickness* [mm]	PU [pieces]	Pallet unit [pieces]	Article number
VSD 2G 8U x 145 V	60 <sup>1)</sup>	-	100	7,200	8502145400
VSD 2G 8U x 205 V	115	20	100	7,200	8502205400
VSD 2G 8U x 225 V	115	40	100	7,200	8502225400
VSD 2G 8U x 245 V	115	60	100	7,200	8502245400
VSD 2G 8U x 265 V	115	80	100	3,600	8502265400
VSD 2G 8U x 285 V	115	100	100	2,400	8502285400
VSD 2G 8U x 305 V	115	120	100	2,400	8502305400

\*Distance between inner and outer sheet



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