

Flat roof fasteners

Ergonomic installation of pre-assembled
Dabo® screws





Ergonomic manual fastening of flat roof fasteners

Flat roofs are very popular in industrial areas. They are economically attractive, are walkable and allow an optimal use of space without slopes.

Production halls, high-rack warehouses and co. can have several thousand square meters of roof area. With a mechanical fastening of the roofing membranes, large quantities of flat roof fasteners have to be screwed.

Special installation tools such as the EJOT ECOSET installation tools can be used for an economical and ergonomic installation of the fasteners.

A manual installation with cordless screwdriver and bit extension for supporting the drive bit is a smart alternative. The flat roof fasteners are simply pushed onto the **bit extension**. The integrated spring pin reliably holds the fasteners in the required position and prevents an unintentional slipping. This allows the installer to stand upright while putting the fastener through the roofing membrane with one hand and fastening it into the substructure.

Matching the manual installation, EJOT offers a **hip belt** which provides the installer with sufficient fasteners. The sturdy bag is made of waterproof material and can be put on easily with a plastic buckle. An imprinted scale serves for the correct length determination of the fasteners.

For the manual installation in combination with the bit extension and the support mechanism, two pre-assembled flat roof fasteners are available:

- > EJOT Dabo® screw TKR-4.8 combined with the plastic stress plate HTK 2G (screw is made of case-hardened steel with Climadur* coating)
- > EJOT Dabo® screw TKE-4.8 combined with the plastic stress plate HTK 2G (screw is made of stainless steel A4)

*Climadur

High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)



EJOT Dabo® screw TKR-4.8 (pre-assembled)



Application range

- > To fix roofing membranes
- > New buildings and renovations
- > For the installation with EJOT ECOSET HTK installation tool up to 280 mm insulation thickness
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

Properties

- > Stress plate: high-grade plastic material
- > Dabo® screw = case-hardened steel, Climadur®-coated
- > Telescope design for resistance to imposed loads
- > Combinations for insulation thicknesses up to 605 mm on request

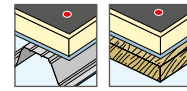
Notice

Upon request also available with TKE-4.8, VHT-R and VHT-E

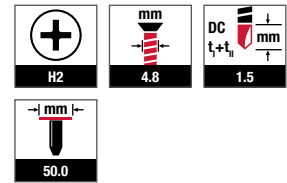
*Climadur

High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

Application



Technical data



Certification



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [piece]	Price/100 [EUR]	Article number	EAN
with EJOT stress plate HTK-2G							
HTK-2G-TKR-60-35/50-loose, pre-assembled	60	35	50	100		3 703 505 024	4061245031729
HTK-2G-TKR-80-55/50-loose, pre-assembled	80	55	50	100		3 705 505 024	4061245031736
HTK-2G-TKR-100-55/70-loose, pre-assembled	100	55	70	100		3 705 507 024	4061245031620
HTK-2G-TKR-120-95/50-loose, pre-assembled	120	95	50	100		3 709 505 024	4061245032108
HTK-2G-TKR-140-95/70-loose, pre-assembled	140	95	70	100		3 709 507 024	4061245031644
HTK-2G-TKR-160-115/70-loose, pre-assembled	160	115	70	100		3 711 507 024	4061245031651
HTK-2G-TKR-180-145/60-loose, pre-assembled	180	145	60	100		3 714 506 024	4061245031668
HTK-2G-TKR-200-145/80-loose, pre-assembled	200	145	80	100		3 714 508 024	4061245031675
HTK-2G-TKR-220-145/100-loose, pre-assembled	220	145	100	100		3 714 510 024	4061245031682
HTK-2G-TKR-240-145/120-loose, pre-assembled	240	145	120	100		3 714 512 024	4061245031699
HTK-2G-TKR-260-145/140-loose, pre-assembled	260	145	140	100		3 714 514 024	4061245031705
HTK 2G-TKR-280-145/160-loose, pre-assembled	280	145	160	100		3 714 516 024	4061245031712
HTK 2G-TKR-300-145/180-loose, pre-assembled	300	145	180	100		3 714 518 024	4061245040684
HTK 2G-TKR-320-145/200-loose, pre-assembled	320	145	200	100		3 714 520 024	4061245040677
HTK 2G-TKR-340-145/220-loose, pre-assembled	340	145	220	100		3 714 522 024	4061245040660
HTK 2G-TKR-360-185/200-loose, pre-assembled	360	185	200	100		3 718 520 024	4061245040653
Order information: For timber substructures screws need to be chosen 10 mm longer.							

EJOT Dabo® screw TKE-4.8 (pre-assembled)



Application range

- > To fix roofing membranes
- > New buildings and renovations
- > For the installation with EJOT ECOSET HTK installation tool up to 280 mm insulation thickness
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

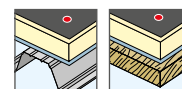
Properties

- > Stress plate: high-grade plastic material
- > Dabo® screw = stainless steel A4 with hardened steel drill point
- > Telescope design for resistance to imposed loads
- > Combinations for insulation thicknesses up to 605 mm on request

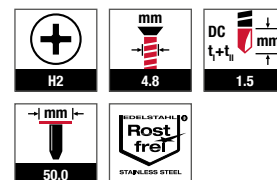
Notice

Upon request also available with TKR-4.8, VHT-R and VHT-E

Application



Technical data



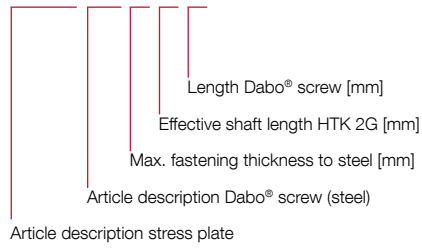
Certification



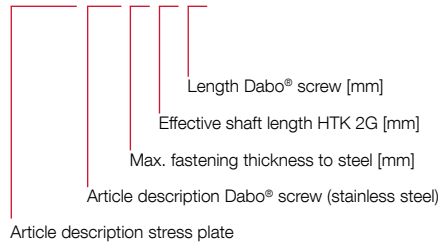
Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [piece]	Price/100 [EUR]	Article number	EAN
with EJOT stress plate HTK-2G							
HTK-2G-TKE-40-15/50-loose, pre-assembled	40	15	50	100		3 701 505 026	4061245059815
HTK-2G-TKE-60-35/50-loose, pre-assembled	60	35	50	100		3 703 505 026	4061245059822
HTK-2G-TKE-80-55/50-loose, pre-assembled	80	55	50	100		3 705 505 026	4061245059839
HTK-2G-TKE-100-55/70-loose, pre-assembled	100	55	70	100		3 705 507 026	4061245059846
HTK-2G-TKE-120-95/50-loose, pre-assembled	120	95	50	100		3 709 505 026	4061245059853
HTK-2G-TKE-140-95/70-loose, pre-assembled	140	95	70	100		3 709 507 026	4061245059860
HTK-2G-TKE-160-95/90-loose, pre-assembled	160	95	90	100		3 709 509 026	4061245059877
HTK-2G-TKE-160-115/70-loose, pre-assembled	160	115	70	100		3 711 507 026	4061245059884
HTK-2G-TKE-180-145/60-loose, pre-assembled	180	145	60	100		3 714 506 026	4061245059891
HTK-2G-TKE-200-145/80-loose, pre-assembled	200	145	80	100		3 714 508 026	4061245059907
HTK-2G-TKE-210-185/50-loose, pre-assembled	210	185	50	100		3 718 505 026	4061245059914
HTK-2G-TKE-220-145/100-loose, pre-assembled	220	145	100	100		3 714 510 026	4061245059921
HTK-2G-TKE-240-145/120-loose, pre-assembled	240	145	120	100		3 714 512 026	4061245060019
HTK-2G-TKE-260-145/140-loose, pre-assembled	260	145	140	100		3 714 514 026	4061245060026
HTK-2G-TKE-280-145/160-loose, pre-assembled	280	145	160	100		3 714 516 026	4061245060033
HTK-2G-TKE-280-185/120-loose, pre-assembled	280	185	120	100		3 718 512 026	4061245060040
HTK-2G-TKE-320-145/200-loose, pre-assembled	320	145	200	100		3 714 520 026	4061245060057
HTK-2G-TKE-340-185/180-loose, pre-assembled	340	185	180	100		3 718 518 026	4061245060149
HTK-2G-TKE-360-185/200-loose, pre-assembled	360	185	200	100		3 718 520 026	4061245060064

Order information: For timber substructures screws need to be chosen 10 mm longer.

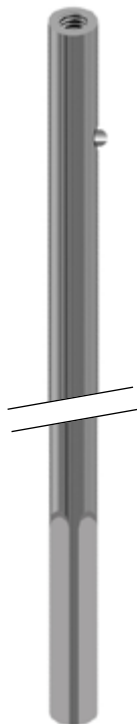
HTK-2G-TKR-60-35/50



HTK-2G-TKE-60-35/50



Bit extension with spring pin



Application range

- > For the ergonomic installation of pre-assembled flat roof fasteners (TKR-4.8 or TKE-4.8 with EcoTek plastic stress plate)

Technical data



Properties

- > Spring pin with clamping feature
- > Flat roof fasteners are easily pushed onto the bit extension

Order description	Tip and Size	Length [mm]	PU [piece]	Price/1 [EUR]	Article number	EAN
Drive: triangular						
Bit extension with spring pin M6x600	M 6	600	1		9 150 000 004	4061245060002

Cross recess bit



Application range

- > For the ergonomic installation of pre-assembled flat roof fasteners (TKR-4.8 or TKE-4.8 with EcoTek plastic stress plate
- > To combine with bit extension with spring pin

Technical data



Order description	Tip and Size	Länge [mm]	PU [piece]	Price/1 [EUR]	Order description	EAN
Drive: threaded connection M 6						
PH2-M6x35	H 2	35	1		9 250 612 000	4061245021027

EJOT® hip belt flat roof



Application range

- > For the ergonomic installation of pre-assembled flat roof fasteners (TKR-4.8, TKE-4.8, FPS-E/EcoTek, JBS-R/EcoTek, stress plate HTV RU 40 W, FDD Plus, FDD Plus S)

Technical data



Properties

- > Waterproof sturdy material
- > Hip belt with plastic buckle
- > Suitable for up to 500 fasteners
- > Scale for length determination



Order description	PU [piece]	Price/1 [EUR]	Artikelnummer	EAN
Hüfttasche Flachdach	1		9 150 000 000	4061245059808



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