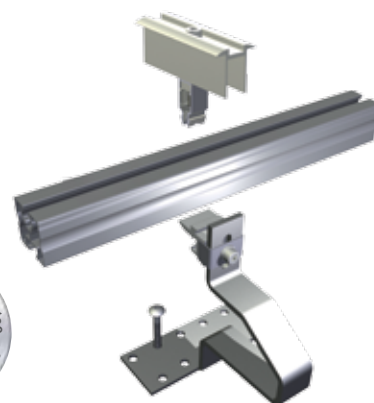


## Rapid<sup>2+</sup>

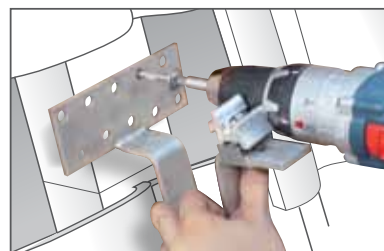
The quick and convenient mounting system for pitched roofs

- Mounting time is considerably reduced
- Only 4 components (only little stock-keeping required)
- Convenient mounting

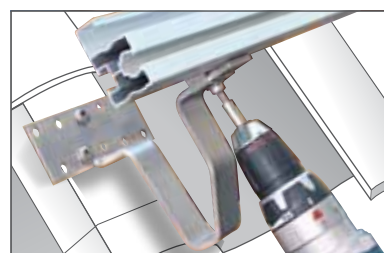


### Description

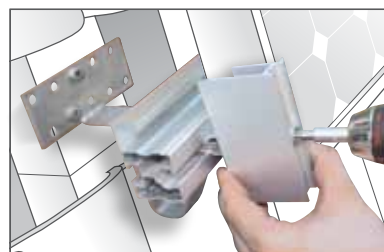
Rapid<sup>2+</sup> is a completely new developed solar mounting system for pitched roofs. Rapid<sup>2+</sup> makes mounting simple, safe, quick and uncomplicated like never before.



① Mount the roof hook



② Put on the rail and screw it



③ Snap in the Rapid<sup>2+</sup> clamp and screw it



④ Adjust the height-adjustable Rapid<sup>2+</sup> end clamp, snap it in and screw it, **respectively use fixed end clamps.**

### Application hints

All 4 mounting steps are carried out with only one tool (Torx TX40). As the components are pre-packaged as far as possible, the mounting time can be reduced.

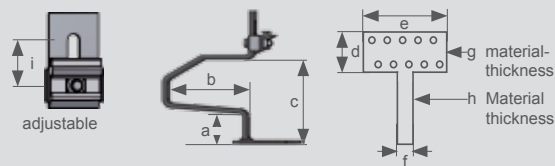
Mount conveniently from above and even out roof unevennesses using the height-adjustable roof hooks. Moreover, the new hook geometry improves the values of the structural analysis.

The Rapid<sup>2+</sup> -module clamps can be adapted individually to the respective module height. Only 4 components have to be held on stock. The system can be combined with all standard mounting rails.

We grant a voluntary 10-year warranty, like on all mounting systems by Schletter.

# Rapid<sup>2+</sup> overview

- all roof hooks made of quality steel
- completely pre-assembled



Dimensional drawing to the charts

## Roof hooks

Quality steel, welded, symmetric bar arrangement, pre-assembled

430 800

### Roof hook Rapid 45 "Frankfurter Pfanne" pre-assembled

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 45   | 110  | 116  | 60   | 150  | 35   | 5    | 6    | 30   |
| inches | 1,77 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,20 | 0,24 | 1,18 |

comparable with: Eco-S 400 872-135, 400 872k135, 400 876

430 801

### Roof hook Rapid 45 V "Frankfurter Pfanne" pre-assembled

Like 430 800, but for vertical rail mounting

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 45   | 110  | 116  | 60   | 150  | 35   | 5    | 6    | 30   |
| inches | 1,77 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,20 | 0,24 | 1,18 |

comparable with: Eco-S 400 872-135, 400 872k135, 400 876

430 802

### Roof hook Rapid 35 "Frankfurter Pfanne" pre-assembled

Like 430 800, but 35mm/1,38inches bracket height for low battens

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 35   | 110  | 116  | 60   | 150  | 35   | 5    | 6    | 30   |
| inches | 1,38 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,20 | 0,24 | 1,18 |

comparable with: Eco-S 400 872-135-35

430 803

### Roof hook Rapid 55 "Frankfurter Pfanne" pre-assembled

Like 430 800, but 55mm/2,17inches bracket height for high battens or big tile sizes

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 55   | 110  | 116  | 60   | 150  | 35   | 5    | 6    | 30   |
| inches | 2,17 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,20 | 0,24 | 1,18 |

comparable with: Eco-S 400 872-135-55

430 804

### Roof hook Rapid Universal "Frankfurter Pfanne" pre-assembled

Universally adjustable

|        | a         | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|-----------|------|------|------|------|------|------|------|------|
| mm     | 40-54     | 110  | 116  | 60   | 150  | 35   | 5    | 6    | 30   |
| inches | 1,57-2,13 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,20 | 0,24 | 1,18 |

comparable with: Universal 400 830

430 805

### Roof hook Rapid Max "Frankfurter Pfanne" pre-assembled

Like 430 800, but the bar measures 35x8mm/1.38x0.31inches for high snow loads

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 45   | 110  | 116  | 60   | 150  | 35   | 6    | 8    | 30   |
| inches | 1,77 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,24 | 0,31 | 1,18 |

comparable with: VaMax 400 870, 400 870k, 400 870V

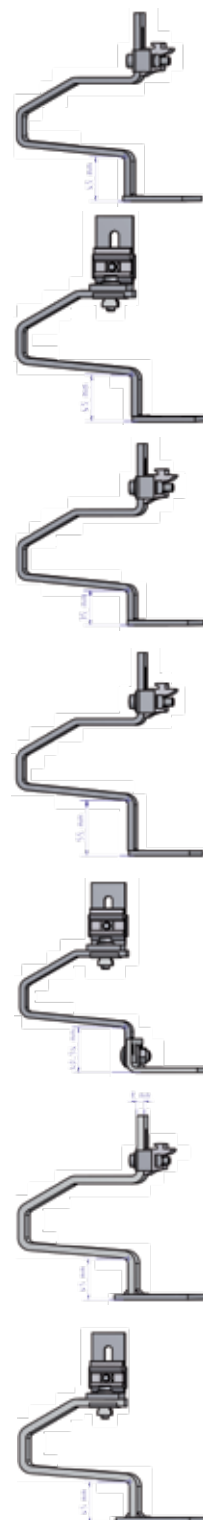
430 806

### Roof hook Rapid Max V "Frankfurter Pfanne" pre-assembled

Like 430 805, but for vertical rail mounting

|        | a    | b    | c    | d    | e    | f    | g    | h    | i    |
|--------|------|------|------|------|------|------|------|------|------|
| mm     | 45   | 110  | 116  | 60   | 150  | 35   | 6    | 8    | 30   |
| inches | 1,77 | 4,33 | 4,57 | 2,36 | 5,91 | 1,38 | 0,24 | 0,31 | 1,18 |

comparable with: VaMax 400 870, 400 870k, 400 870V



## Aluminium module clamps assembled

incl. Torx M8 screw, serration on the lower side of the screw head and slide covering

430 810

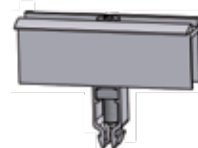
### Middle clamp Rapid 28-40 assembled

Universally applicable for module heights 28-40mm/1.10-1.57inches

430 811

### Middle clamp Rapid 41-53 assembled

Universally applicable for module heights 41-53mm/1.61-2.09inches



## End clamp Rapid XX assembled (28-40mm)

For an individual module height according to the last two digits of the item nr.

430 828

28mm / 1.10 inches

430 829

29mm / 1.14 inches

430 830

30mm / 1.18 inches

430 831

31mm / 1.22 inches

430 832

32mm / 1.26 inches

430 833

33mm / 1.30 inches

430 834

34mm / 1.34 inches

430 835

35mm / 1.38 inches

430 836

36mm / 1.42 inches

430 837

37mm / 1.46 inches

430 838

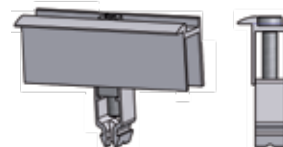
38mm / 1.50 inches

430 839

39mm / 1.54 inches

430 840

40mm / 1.57 inches



## Endklemme Rapid XX assembled (41-53mm)

For an individual module height according to the last two digits of the item nr.

430 841

41mm / 1.61 inches

430 842

42mm / 1.65 inches

430 843

43mm / 1.69 inches

430 844

44mm / 1.73 inches

430 845

45mm / 1.77 inches

430 846

46mm / 1.81 inches

430 847

47mm / 1.85 inches

430 848

48mm / 1.89 inches

430 849

49mm / 1.93 inches

430 850

50mm / 1.97 inches

430 851

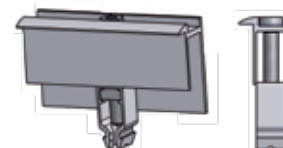
51mm / 2.01 inches

430 852

52mm / 2.05 inches

430 853

53mm / 2.09 inches



430 812

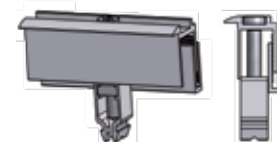
### End clamp Rapid 28-40 assembled

Universally applicable for module heights 28-40mm/1.10-1.57inches

430 813

### End clamp Rapid 41-53 assembled

Universally applicable for module heights 41-53mm/1.61-2.09inches



430 820

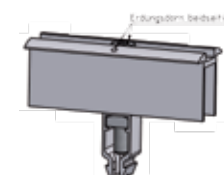
### Earthing middle clamp Rapid 28-40mm

Like 430 810, but with earthing function

430 821

### Earthing middle clamp Rapid 41-53mm

Like 430 811, but with earthing function



## Technical data

|                 |                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b> | Roof hooks and screws: Quality steel 1.4301<br>KlickTop and clamps: Aluminium                                                                                                                                                                                                                                                                                    |
| <b>Statics</b>  | Structural analysis according to the current specific national standards (in Germany DIN1055 and EC1).<br><br>Attachment on the dimensioning of the number of fixations required based on structural analysis. For this purpose, we put our charts and dimensioning programs at your disposal.<br><br>By all means pay regard to the hints on structural safety! |

Get all system prices conveniently and swiftly with our auto-calculator!