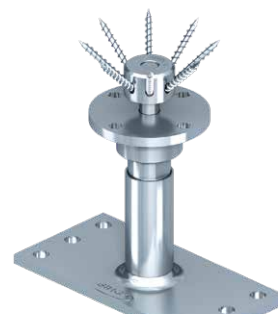


# Herakulix<sup>®</sup> XS/S/M/L/XL SIHGA<sup>®</sup>



Herakulix<sup>®</sup> XS/S/M/L/XL two-part system with SC 6 coating

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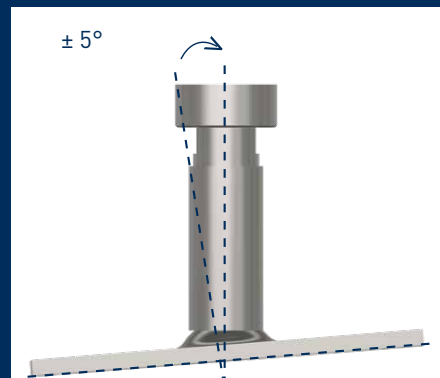
## SIHGA® Feature

## YOUR Benefit

|                                                                                                                |                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| integrated inclination compensation of up to $\pm 5^\circ$ in all directions                                   | surface unevenness and slopes can be compensated for in an aesthetically pleasing and structurally correct manner                     |
| two-part system with a short retraction path                                                                   | very simple assembly, height adjustable when assembled                                                                                |
| a range of variants and additional drill bores in the base plate                                               | allows individual anchoring and unimpeded $90^\circ$ drilling                                                                         |
| high corrosion and spray water protection                                                                      | permissible for use in areas exposed to weather (Usage Class (NKL) 3)                                                                 |
| durable wood connection                                                                                        | structural wood protection keeps surfaces free of damage                                                                              |
| takes up to 89.09 kN compressive force, 29 kN tensile force, and 3.25 kN transverse force per attachment point | the durable, reliable connection with great load capacity                                                                             |
| individual connection to wood with IdeFix® or GoFix®                                                           | the world's only product with a three-dimensional, standard-compliant screw connection and the approved end grain screw ensure safety |
| punching pin for end grain screws                                                                              | for one-man installation                                                                                                              |
| IdeFix® Drill Gauge IBG                                                                                        | for efficient, angular drilling, including on site                                                                                    |
| including SIHGAFIX®, GoFix® HK or GoFix® S+ screws and installation instructions                               | time-saving, practical, precise, including all accessories                                                                            |



**Problem**



**Solution**



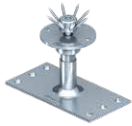
### SIHGA® TIP:

For manual drilling, we recommend the IdeFix® Drill Gauge IBL with drill.

**For subsequent application of paving or the like, we recommend applying additional corrosion protection to the support foot in the affected area.**



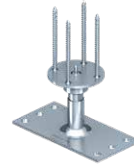
# Herakulix<sup>®</sup> XS



XS RI 30 (115 - 155 mm)



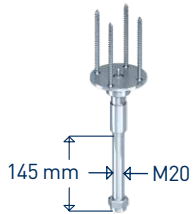
XS QI 30 (115 - 155 mm)



XS RG (115 - 155 mm)



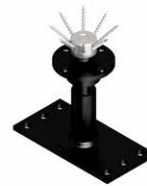
XS QG (115 - 155 mm)



XS BG (99 - 136 mm)



\*optional accessor XS/RZ



Also available in RAL colours\*

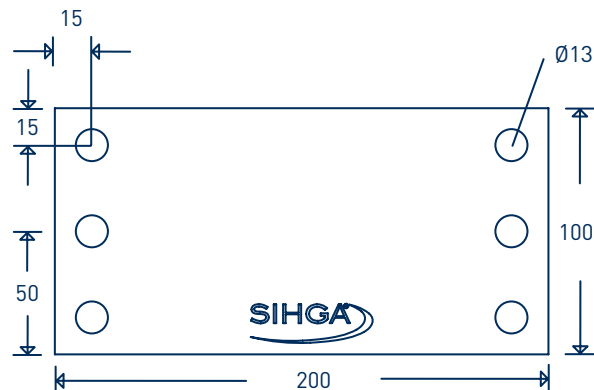
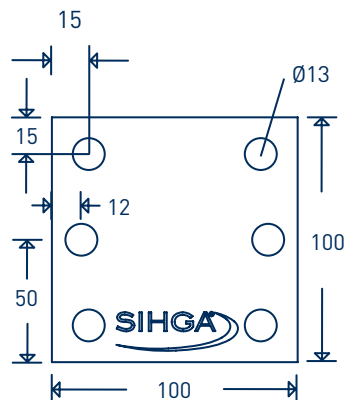


Accessories see page 142

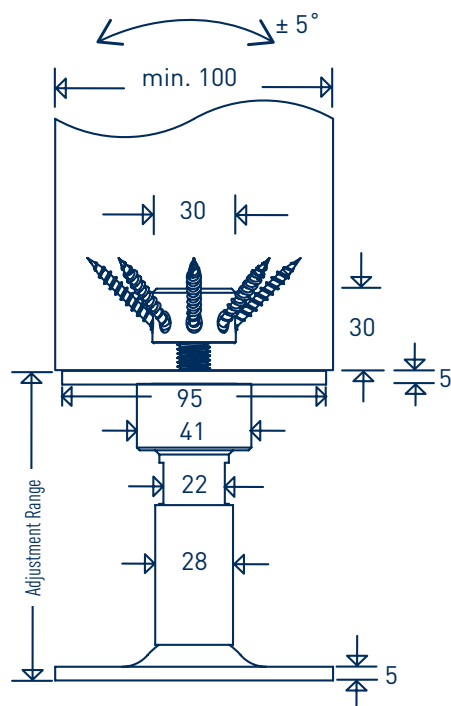
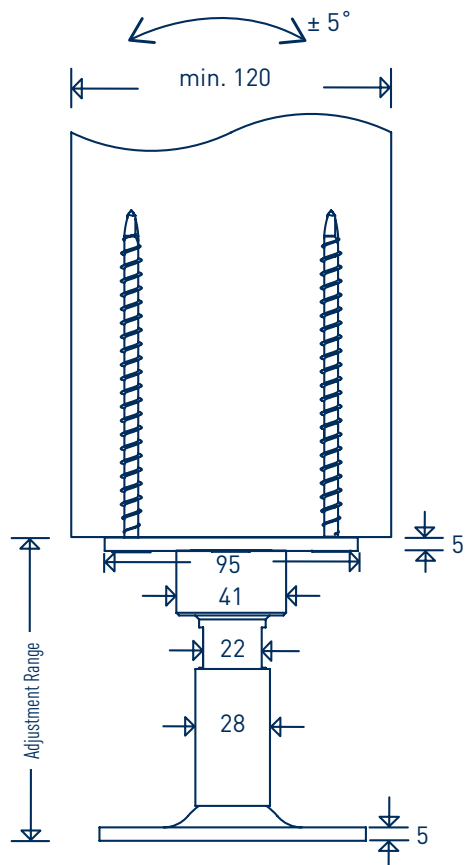
\* Price on request;  
accompanying screws are not black/coloured!

## Legend:

|    |         |   |                                       |
|----|---------|---|---------------------------------------|
| XS | X-Small | R | Rectangular Base Plate                |
| S  | Small   | Q | Square Base Plate                     |
| M  | Medium  | K | Circular Base Plate                   |
| L  | Large   | I | IdeFix <sup>®</sup>                   |
| XL | X-Large | G | GoFix <sup>®</sup>                    |
|    |         | B | Concrete<br>(for setting in concrete) |



# Herakulix® XS



| SIHGA® Herakulix® Wood Connection |    |                 |                     | Adjustment Range |         | Design Values          |                  | Character. Values** |
|-----------------------------------|----|-----------------|---------------------|------------------|---------|------------------------|------------------|---------------------|
| objektpack®                       |    |                 |                     | Height [mm]      |         | Compressive Force [kN] | Shear Force [kN] | Tensile Force [kN]  |
| Art. No.                          | PU | Type            | Type                | from             | to      | $R_{c,d}$              | $R_{v,d}$        | $R_{t,k}$           |
| 51107                             | 10 | <b>XS RI 30</b> | IdeFix® IFK 304     | 115              | 155     | 45,55                  | 2,40             | 19,90               |
| 51117                             | 10 | <b>XS QI 30</b> | IdeFix® IFK 304     | 115              | 155     | 45,55                  | 2,40             | 19,90               |
| 51127                             | 10 | <b>XS RG</b>    | GoFix® S+ 8,0 x 195 | 115              | 155     | 45,55                  | -                | 10,90               |
| 51137                             | 10 | <b>XS QG</b>    | GoFix® S+ 8,0 x 195 | 115              | 155     | 45,55                  | -                | 10,90               |
| 51147                             | 10 | <b>XS BG</b>    | GoFix® S+ 8,0 x 195 | 99               | 136     | 45,55                  | 1,92             | 10,90               |
| 47706                             | 10 | <b>*XSRZ</b>    | Ring + disc         | M 20             | Ø 37/21 |                        |                  |                     |

\*\* characteristic values for design according to EC 5 and strength class C 24 ( $\rho_k$  350 kg/m³)

# Herakulix<sup>®</sup> S



S RI 30 (155 - 245 mm)

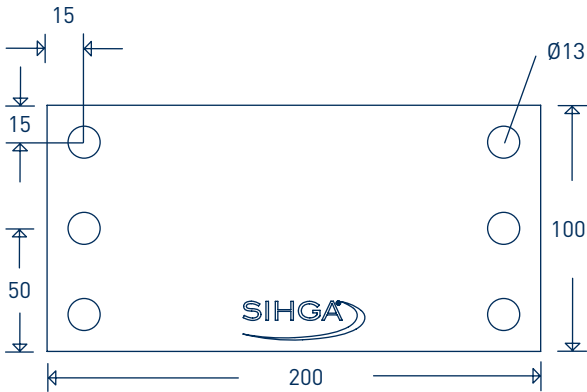
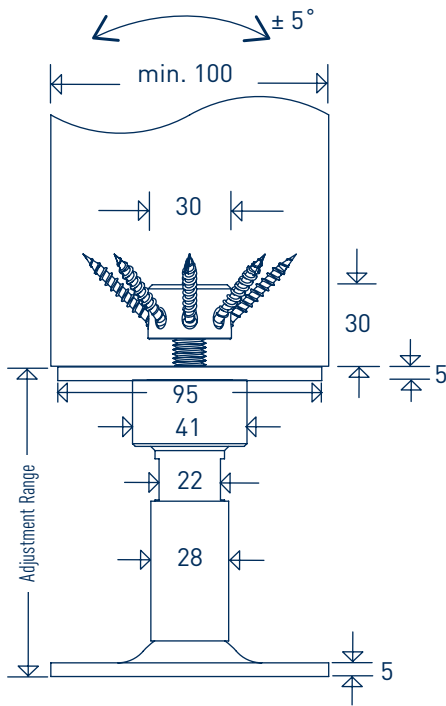


Also available in RAL colours\*

\* Price and delivery time on request;  
associated screws are not coloured!

## Legend:

|    |         |   |                                       |
|----|---------|---|---------------------------------------|
| XS | X-Small | R | Rectangular Base Plate                |
| S  | Small   | Q | Square Base Plate                     |
| M  | Medium  | K | Circular Base Plate                   |
| L  | Large   | I | IdeFix®                               |
| XL | X-Large | G | GoFix®                                |
| B  |         |   | Concrete<br>(for setting in concrete) |



| SIHGA <sup>®</sup> Herakulix <sup>®</sup> Wood Connection |    |         |                             | Adjustment Range |     | Design Values          |                  | Character. Values** |
|-----------------------------------------------------------|----|---------|-----------------------------|------------------|-----|------------------------|------------------|---------------------|
| objektpack <sup>®</sup>                                   |    |         |                             | Height [mm]      |     | Compressive Force [kN] |                  | Tensile Force [kN]  |
| Art. No.                                                  | PU | Type    | Type                        | from             | to  | R <sub>c,d</sub>       | R <sub>v,d</sub> | R <sub>t,k</sub>    |
| 51167                                                     | 10 | S RI 30 | IdeFix <sup>®</sup> IFK 304 | 155              | 245 | 45,55                  | 1,2              | 19,90               |

\*\* characteristic values for design according to EC 5 and strength class C 24 (p<sub>k</sub> 350 kg/m<sup>3</sup>)

# Herakulix® M



M RI 40 (155 - 220 mm)



M QI 40 (155 - 220 mm)



M RG (155 - 220 mm)



M QG (155 - 220 mm)



M BG (137 - 202 mm)

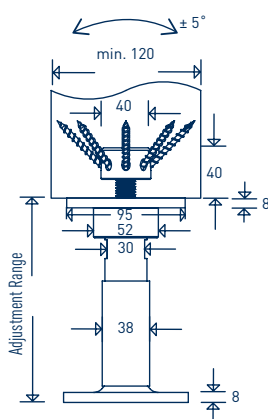
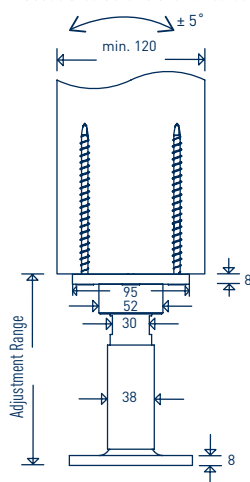


\*optional accessory ML RZ



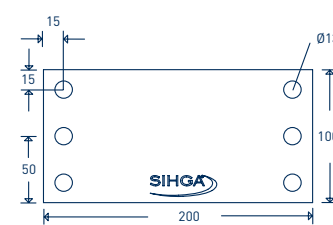
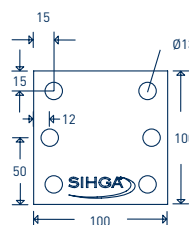
Also available in RAL colours\*

\* Price and delivery time on request;  
associated screws are not coloured!



## Legend:

|    |         |   |                                       |
|----|---------|---|---------------------------------------|
| XS | X-Small | R | Rectangular Base Plate                |
| S  | Small   | Q | Square Base Plate                     |
| M  | Medium  | K | Circular Base Plate                   |
| L  | Large   | I | IdeFix®                               |
| XL | X-Large | G | GoFix®                                |
|    |         |   | B                                     |
|    |         |   | Concrete<br>(for setting in concrete) |



| SIHGA®<br>objektpack® |    | Herakulix®     | Wood Connection     | Adjustment Range |         | Design Values          |                  | Character. Values** |
|-----------------------|----|----------------|---------------------|------------------|---------|------------------------|------------------|---------------------|
| Art. No.              | PU | Type           | Type                | from             | to      | Compressive Force [kN] | Shear Force [kN] | Tensile Force [kN]  |
| 51307                 | 5  | <b>M RI 40</b> | IdeFix® IFK 406     | 155              | 220     | 89,18                  | 3,25             | 34,20               |
| 51317                 | 5  | <b>M QI 40</b> | IdeFix® IFK 406     | 155              | 220     | 89,18                  | 3,25             | 34,20               |
| 51327                 | 5  | <b>M RG</b>    | GoFix® S+ 8,0 x 195 | 155              | 220     | 89,18                  | -                | 10,90               |
| 51337                 | 5  | <b>M QG</b>    | GoFix® S+ 8,0 x 195 | 155              | 220     | 89,18                  | -                | 10,90               |
| 51347                 | 5  | <b>M BG</b>    | GoFix® S+ 8,0 x 195 | 137              | 202     | 89,18                  | 3,20             | 10,90               |
| 47716                 | 5  | <b>*MLRZ</b>   | Ring + disc         | M 27             | Ø 50/28 |                        |                  |                     |

\*\* characteristic values for design according to EC 5 and strength class C 24 (pk 350 kg/m³)

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# Herakulix® L



L RI 40 (220 - 350 mm)



L QI 40 (220 - 350 mm)



L RG (220 - 350 mm)



L QG (220 - 350 mm)

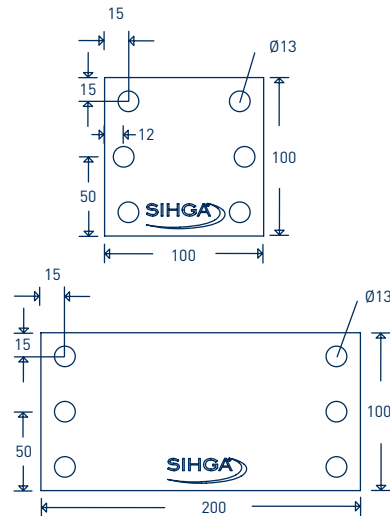
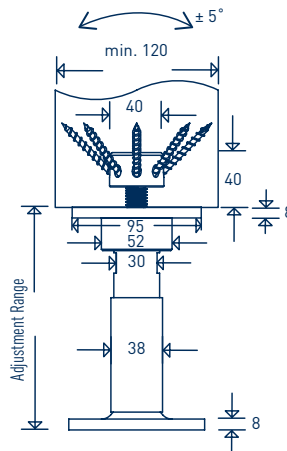
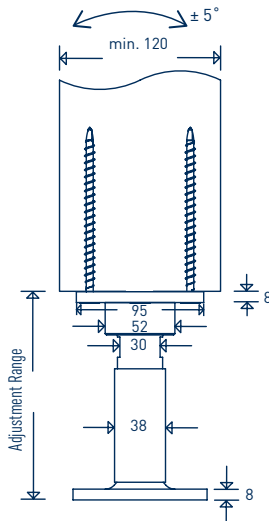


Also available in RAL colours\*

\* Price and delivery time on request;  
associated screws are not coloured!

## Legend:

|    |         |   |                                       |
|----|---------|---|---------------------------------------|
| XS | X-Small | R | Rectangular Base Plate                |
| S  | Small   | Q | Square Base Plate                     |
| M  | Medium  | K | Circular Base Plate                   |
| L  | Large   | I | IdeFix®                               |
| XL | X-Large | G | GoFix®                                |
|    |         |   | B                                     |
|    |         |   | Concrete<br>(for setting in concrete) |



| SIHGA®      |    | Herakulix® Wood Connection |                     | Adjustment Range |     | Design Values          |                  | Character. Values* |
|-------------|----|----------------------------|---------------------|------------------|-----|------------------------|------------------|--------------------|
| objektpack® |    |                            |                     | Height [mm]      |     | Compressive Force [kN] | Shear Force [kN] | Tensile Force [kN] |
| Art. No.    | PU | Type                       | Type                | from             | to  | R <sub>c,d</sub>       | R <sub>v,d</sub> | R <sub>t,k</sub>   |
| 51507       | 5  | L RI 40                    | IdeFix® IFK 406     | 220              | 350 | 89,18                  | 1,9              | 34,20              |
| 51517       | 5  | L QI 40                    | IdeFix® IFK 406     | 220              | 350 | 89,18                  | 1,9              | 34,20              |
| 51527       | 5  | L RG                       | GoFix® S+ 8,0 x 195 | 220              | 350 | 89,18                  | -                | 10,90              |
| 51537       | 5  | L QG                       | GoFix® S+ 8,0 x 195 | 220              | 350 | 89,18                  | -                | 10,90              |

\* characteristic values for design according to EC 5 and strength class C 24 ( $\rho_k$  350 kg/m³)

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# Herakulix<sup>®</sup> XL



XL RI 40 (340 - 460 mm)

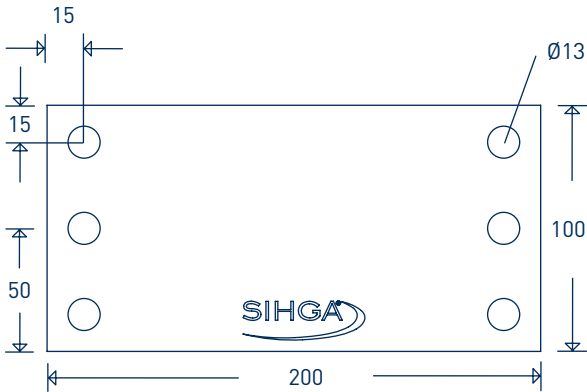
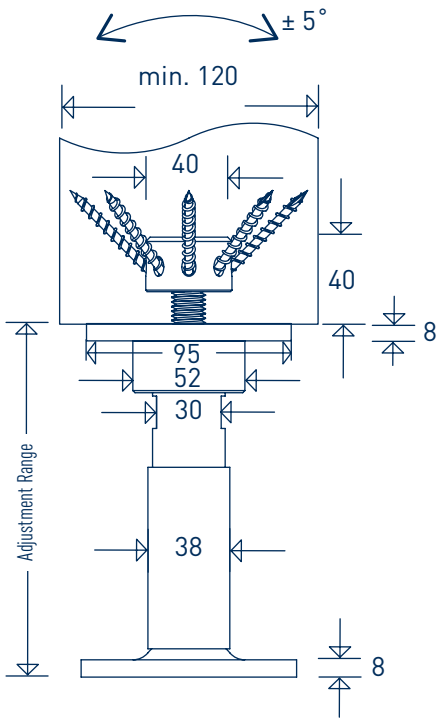


Also available in RAL colours\*

\* Price and delivery time on request;  
associated screws are not coloured!

## Legend:

|    |         |   |                                       |
|----|---------|---|---------------------------------------|
| XS | X-Small | R | Rectangular Base Plate                |
| S  | Small   | Q | Square Base Plate                     |
| M  | Medium  | K | Circular Base Plate                   |
| L  | Large   | I | IdeFix®                               |
| XL | X-Large | G | GoFix®                                |
|    |         | B | Concrete<br>(for setting in concrete) |



| SIHGA <sup>®</sup>      |    | Herakulix <sup>®</sup> Wood Connection |                             | Adjustment Range |     | Design Values          |                  | Character. Values** |
|-------------------------|----|----------------------------------------|-----------------------------|------------------|-----|------------------------|------------------|---------------------|
| objektpack <sup>®</sup> |    |                                        |                             | Height [mm]      |     | Compressive Force [kN] |                  | Tensile Force [kN]  |
| Art. No.                | PU | Type                                   | Type                        | from             | to  | R <sub>c,d</sub>       | R <sub>v,d</sub> | R <sub>t,k</sub>    |
| 51567                   | 5  | XL RI 40                               | IdeFix <sup>®</sup> IFK 406 | 340              | 460 | 89,18                  | 1,5              | 34,20               |

\*\* characteristic values for design according to EC 5 and strength class C 24 (p<sub>k</sub> 350 kg/m<sup>3</sup>)