

KMWHT/WKCS with delta coating



Product description

Dualfix KMWHT/WKCS wood screws are ideal for assembling and fastening timber construction systems. Thanks to their coarse thread, pre-cut tip, and TX 30/40 drive, these screws easily penetrate all types of wood.

Technical description

- Screw diameter: T30 6 mm, T40 8 mm
- Screw material: low carbon steel, delta coating
- Screw tip: pre-cut tip
- WKCS head diameter: countersunk head 12 mm
- Wood anchoring depth: 60 mm
- Pull-through strength of plate through wood: 24.36 N/mm²

Approval: CE N°1/SZ/14 + EN14592:2008+A1:2012



Cutting ribs

for optimal countersinking and aesthetic results.



Shank ribs

reduce torque by clearing the hole.



High drive

eliminates the need for pre-drilling, even in hardwood.



Wax coating

applied during production, significantly reduces torque.

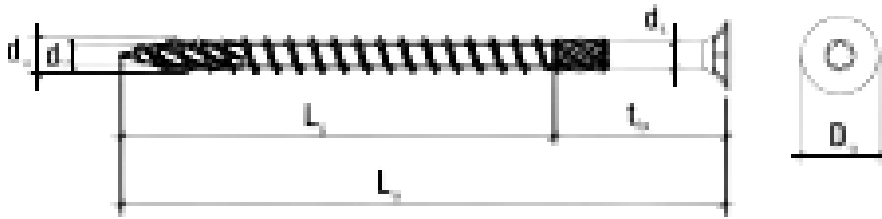
Assortment

| Code | Diameter (mm) | Packaging (pcs/box) |
|---------------|---------------|---------------------|
| KMWHT-35030-D | 3,5 x 30 mm | 500 |
| KMWHT-35040-D | 3,5 x 40 mm | 500 |
| KMWHT-35050-D | 3,5 x 50 mm | 400 |
| KMWHT-40030-D | 4 x 30 mm | 500 |
| KMWHT-40035-D | 4 x 35 mm | 500 |
| KMWHT-40040-D | 4 x 40 mm | 500 |
| KMWHT-40045-D | 4 x 45 mm | 300 |
| KMWHT-40050-D | 4 x 50 mm | 300 |
| KMWHT-40060-D | 4 x 60 mm | 250 |
| KMWHT-40070-D | 4 x 70 mm | 250 |
| KMWHT-45040-D | 4,5 x 40 mm | 250 |
| KMWHT-45050-D | 4,5 x 50 mm | 250 |
| KMWHT-45060-D | 4,5 x 60 mm | 250 |
| KMWHT-45070-D | 4,5 x 70 mm | 250 |
| KMWHT-45080-D | 4,5 x 80 mm | 250 |
| KMWHT-50040-D | 5 x 40 mm | 500 |
| KMWHT-50050-D | 5 x 50 mm | 300 |
| KMWHT-50060-D | 5 x 60 mm | 200 |
| KMWHT-50070-D | 5 x 70 mm | 200 |
| KMWHT-50080-D | 5 x 80 mm | 200 |
| KMWHT-50090-D | 5 x 90 mm | 200 |
| KMWHT-50100-D | 5 x 100 mm | 200 |
| KMWHT-50120-D | 5 x 120 mm | 200 |
| KMWHT-60050-D | 6 x 50 mm | 200 |

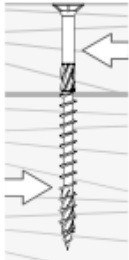
| | | |
|---------------|------------|-----|
| KMWHT-60060-D | 6 x 60 mm | 100 |
| KMWHT-60070-D | 6 x 70 mm | 100 |
| KMWHT-60080-D | 6 x 80 mm | 100 |
| KMWHT-60090-D | 6 x 90 mm | 100 |
| KMWHT-60100-D | 6 x 100 mm | 100 |
| KMWHT-60120-D | 6x120 mm | 100 |
| KMWHT-60140-D | 6x140 mm | 100 |
| KMWHT-60160-D | 6x160 mm | 100 |
| KMWHT-60180-D | 6x180 mm | 100 |
| KMWHT-60200-D | 6x200 mm | 100 |
| KMWHT-60220-D | 6x220 mm | 100 |
| KMWHT-60240-D | 6x240 mm | 100 |
| KMWHT-60260-D | 6x260 mm | 100 |
| KMWHT-60280-D | 6x280 mm | 100 |
| KMWHT-60300-D | 6x300 mm | 100 |

| | | |
|--------------|----------|----|
| WKCS-08120-D | 8x120 mm | 50 |
| WKCS-08140-D | 8x140 mm | 50 |
| WKCS-08160-D | 8x160 mm | 50 |
| WKCS-08180-D | 8x180 mm | 50 |
| WKCS-08200-D | 8x200 mm | 50 |
| WKCS-08220-D | 8x220 mm | 50 |
| WKCS-08240-D | 8x240 mm | 50 |
| WKCS-08260-D | 8x260 mm | 50 |
| WKCS-08280-D | 8x280 mm | 50 |
| WKCS-08300-D | 8x300 mm | 50 |
| WKCS-08320-D | 8x320 mm | 50 |
| WKCS-08340-D | 8x340 mm | 50 |
| WKCS-08360-D | 8x360 mm | 50 |
| WKCS-08380-D | 8x380 mm | 50 |
| WKCS-08400-D | 8x400 mm | 50 |

Technische data



WKCS - verzonken kop constructieschroef met anker



Zonder voorgeboord gat

| d (mm) | ø3,5 | ø4 | ø4,5 | ø5 | ø6 | ø8 |
|-----------------------|------|----|------|----|----|-----|
| a ₁ (mm) | 30 | 40 | 45 | 60 | 72 | 96 |
| a ₂ (mm) | 18 | 20 | 23 | 25 | 30 | 40 |
| a _{3,t} (mm) | 53 | 60 | 68 | 75 | 90 | 120 |
| a _{3,c} (mm) | 35 | 40 | 45 | 50 | 60 | 80 |
| a _{4,t} (mm) | 18 | 20 | 23 | 25 | 30 | 40 |
| a _{4,c} (mm) | 18 | 20 | 23 | 25 | 30 | 40 |

Zonder voorgeboord gat

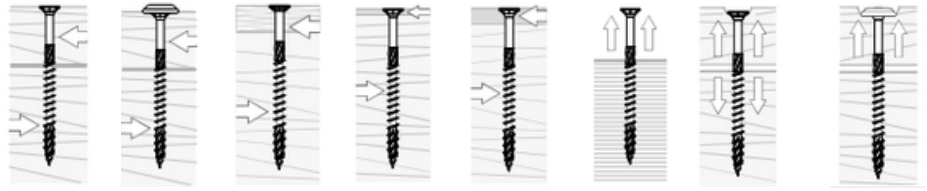
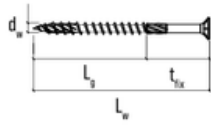
| d (mm) | ø3,5 | ø4 | ø4,5 | ø5 | ø6 | ø8 |
|-----------------------|------|----|------|----|----|----|
| a ₁ (mm) | 18 | 20 | 23 | 25 | 30 | 40 |
| a ₂ (mm) | 18 | 20 | 23 | 25 | 30 | 40 |
| a _{3,t} (mm) | 35 | 40 | 45 | 50 | 90 | 80 |
| a _{3,c} (mm) | 35 | 40 | 45 | 50 | 60 | 80 |
| a _{4,t} (mm) | 25 | 28 | 32 | 50 | 60 | 80 |
| a _{4,c} (mm) | 18 | 20 | 23 | 25 | 30 | 40 |

Zonder voorgeboord gat

| d (mm) | ø3,5 | ø4 | ø4,5 | ø5 | ø6 | ø8 |
|-----------------------|------|-----|------|----|----|----|
| d (mm) | 2 | 2,5 | 2,5 | 3 | 4 | 5 |
| a ₁ (mm) | 18 | 20 | 23 | 25 | 30 | 40 |
| a ₂ (mm) | 11 | 12 | 14 | 15 | 18 | 24 |
| a _{3,t} (mm) | 42 | 48 | 54 | 60 | 72 | 96 |
| a _{3,c} (mm) | 25 | 28 | 32 | 35 | 42 | 56 |
| a _{4,t} (mm) | 11 | 12 | 14 | 15 | 18 | 24 |
| a _{4,c} (mm) | 11 | 12 | 14 | 15 | 18 | 24 |

Zonder voorgeboord gat

| d (mm) | ø3,5 | ø4 | ø4,5 | ø5 | ø6 | ø8 |
|-----------------------|------|-----|------|----|----|----|
| d (mm) | 2 | 2,5 | 2,5 | 3 | 4 | 5 |
| a ₁ (mm) | 14 | 16 | 18 | 20 | 24 | 32 |
| a ₂ (mm) | 14 | 16 | 18 | 20 | 24 | 32 |
| a _{3,t} (mm) | 25 | 28 | 32 | 35 | 42 | 56 |
| a _{3,c} (mm) | 25 | 28 | 32 | 35 | 42 | 56 |
| a _{4,t} (mm) | 18 | 20 | 23 | 35 | 42 | 56 |
| a _{4,c} (mm) | 11 | 12 | 14 | 15 | 18 | 24 |



| D_{vv} (mm) | L_s (mm) | L_{vv} (mm) | t_{fix} (mm) | $R_{v,k}$ [kN] | $R_{v,k}$ [kN] | $R_{v,k}$ [kN] | $R_{v,k}$ [kN] | $R_{v,k}$ [kN] | $R_{ax,k}$ [kN] | $R_{\theta,ax,k}$ [kN] | $R_{\theta,ax,k}$ [kN] |
|------------------|---------------|------------------|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------------|------------------------|
| ø3,5 | 30 | 17 | 13 | 0,63 | - | 0,61 | 0,78 | 1,05 | 0,77 | 1,02 | - |
| | 35 | 30 | 18 | 0,69 | - | 0,61 | 0,80 | 1,05 | 0,77 | 1,02 | - |
| | 40 | 22 | 18 | 0,79 | - | 0,61 | 0,85 | 1,10 | 1,00 | 1,02 | - |
| | 50 | 30 | 20 | 0,84 | - | 0,61 | 0,95 | 1,20 | 1,37 | 1,02 | - |
| ø4 | 30 | 17 | 13 | 0,70 | - | 0,73 | 0,85 | 1,22 | 0,88 | 1,24 | - |
| | 35 | 17 | 18 | 0,77 | - | 0,83 | 1,00 | 1,35 | 0,88 | 1,24 | - |
| | 40 | 22 | 18 | 0,92 | - | 0,85 | 1,12 | 1,47 | 1,14 | 1,24 | - |
| | 45 | 30 | 15 | 0,92 | - | 0,85 | 1,23 | 1,57 | 1,56 | 1,24 | - |
| | 50 | 30 | 20 | 1,01 | - | 0,85 | 1,23 | 1,57 | 1,56 | 1,24 | - |
| | 60 | 40 | 20 | 1,01 | - | 0,85 | 1,36 | 1,70 | 2,08 | 1,24 | - |
| 70 | 40 | 30 | 1,15 | - | 0,85 | 1,36 | 1,70 | 2,08 | 1,24 | - | |
| ø4,5 | 40 | 22 | 18 | 1,01 | - | 1,00 | 1,24 | 1,73 | 1,29 | 1,49 | - |
| | 50 | 30 | 20 | 1,18 | - | 1,00 | 1,48 | 1,91 | 1,76 | 1,49 | - |
| | 60 | 40 | 20 | 1,18 | - | 1,00 | 1,63 | 2,06 | 2,34 | 1,49 | - |
| | 70 | 40 | 30 | 1,40 | - | 1,00 | 1,63 | 2,06 | 2,34 | 1,49 | - |
| | 80 | 50 | 30 | 1,40 | - | 1,00 | 1,77 | 2,21 | 2,93 | 1,49 | - |
| ø5 | 40 | 22 | 18 | 1,07 | - | 1,11 | 1,33 | 1,85 | 1,32 | 1,74 | - |
| | 50 | 30 | 20 | 1,34 | - | 1,21 | 1,64 | 2,13 | 1,80 | 1,74 | - |
| | 60 | 40 | 20 | 1,34 | - | 1,21 | 1,79 | 2,28 | 2,40 | 1,74 | - |
| | 70 | 40 | 30 | 1,56 | - | 1,21 | 1,79 | 2,28 | 2,40 | 1,74 | - |
| | 80 | 50 | 30 | 1,56 | - | 1,21 | 1,94 | 2,43 | 3,00 | 1,74 | - |
| | 90 | 50 | 40 | 1,62 | - | 1,21 | 1,94 | 2,43 | 3,00 | 1,74 | - |
| | 100 | 60 | 40 | 1,62 | - | 1,21 | 2,09 | 2,58 | 3,60 | 1,74 | - |
| | 120 | 60 | 60 | 1,62 | - | 1,21 | 2,09 | 2,58 | 3,60 | 1,74 | - |

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|-----|----|-----|------|------|------|------|------|------|------|------|
| 50 | 30 | 20 | 1,62 | 1,62 | 1,55 | 1,89 | 2,69 | 2,16 | 2,29 | 6,35 |
| 60 | 30 | 30 | 1,79 | 1,79 | 1,55 | 2,17 | 2,85 | 2,16 | 2,29 | 6,35 |
| 70 | 40 | 30 | 1,95 | 2,10 | 1,55 | 2,35 | 3,03 | 2,88 | 2,29 | 6,35 |
| 80 | 50 | 30 | 1,95 | 2,28 | 1,55 | 2,53 | 3,21 | 3,60 | 2,29 | 6,35 |
| 90 | 50 | 40 | 2,20 | 2,53 | 1,55 | 2,53 | 3,21 | 3,60 | 2,29 | 6,35 |
| 100 | 60 | 40 | 2,20 | 2,71 | 1,55 | 2,71 | 3,39 | 4,32 | 2,29 | 6,35 |
| 120 | 75 | 45 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 140 | 75 | 65 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 160 | 75 | 85 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 180 | 75 | 105 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 200 | 75 | 125 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 220 | 75 | 145 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 240 | 75 | 165 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 260 | 75 | 185 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 280 | 75 | 205 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |
| 300 | 75 | 225 | 2,20 | 2,98 | 1,55 | 2,98 | 3,66 | 5,40 | 2,29 | 6,35 |

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|-----|-----|-----|------|------|------|------|------|------|------|------|
| 80 | 50 | 30 | 2,77 | 3,25 | 2,44 | 3,74 | 5,23 | 4,80 | 2,88 | 9,19 |
| 100 | 50 | 50 | 3,27 | 3,75 | 2,44 | 4,05 | 5,23 | 4,80 | 2,88 | 9,19 |
| 120 | 80 | 40 | 3,05 | 4,25 | 2,44 | 4,77 | 5,95 | 7,68 | 2,88 | 9,19 |
| 140 | 100 | 40 | 3,05 | 4,62 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 160 | 100 | 60 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 180 | 100 | 80 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 200 | 100 | 100 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 220 | 100 | 120 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 240 | 100 | 140 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 260 | 100 | 160 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 280 | 100 | 180 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 300 | 100 | 200 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 320 | 100 | 220 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 340 | 100 | 240 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 360 | 100 | 260 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 380 | 100 | 280 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 400 | 100 | 300 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 440 | 100 | 340 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 480 | 100 | 380 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 520 | 100 | 420 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 560 | 100 | 460 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |
| 600 | 100 | 500 | 3,57 | 5,15 | 2,44 | 5,25 | 6,43 | 9,60 | 2,88 | 9,19 |