

Product description

Dualfix KMWHT/WKCS wood screws are ideal for the assembly and fastening of 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, white zinc-coated min. 8 µm
- 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 the torque by clearing the hole.



High drive

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



Wax coating

applied during production, significantly reduces torque.

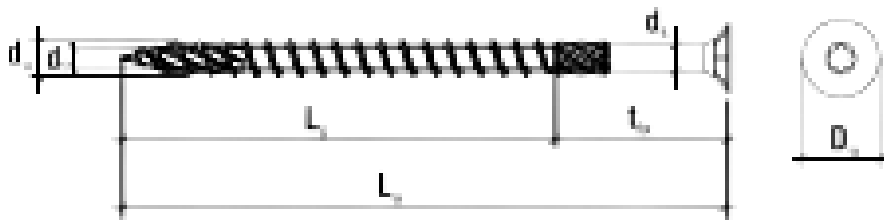
Assortment

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

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

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

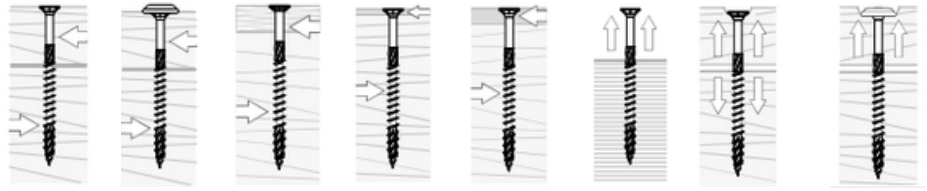
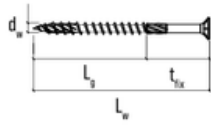
d (mm)	ø3,5	ø4	ø4,5	ø5	ø6	ø8
a ₁ (mm)	18	20	23	25	30	40
a ₂ (mm)	18	20	23	25	30	40
a _{3,t} (mm)	35	40	45	50	90	80
a _{3,c} (mm)	35	40	45	50	60	80
a _{4,t} (mm)	25	28	32	50	60	80
a _{4,c} (mm)	18	20	23	25	30	40

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_{heak} [kN]	R_{heak} [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	-

ø6

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

ø8

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