

R-QCP Chipboard Screw

Hardened screws for new generation wood composites and timber



Product information

Features and benefits

- Thread geometry allowing application in all wood materials
- The optimised head geometry with underhead cutting ribs also affords an exact and splinter-free surface finish even with connections close to the edge
- The double cone head allows flush fixing of the screw

Applications

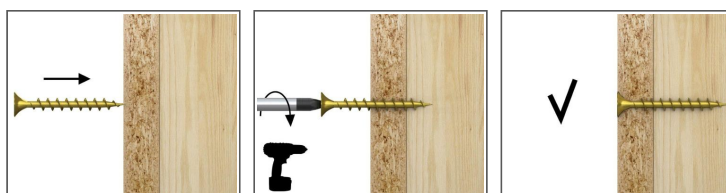
- Chipboards
- Plywood
- Wooden fences
- Wooden elements
- General wood joints
- Skirting

Base materials

Approved for use in:

- Chipboard
- Oriented Strand Board
- Wood

Installation guide



1. Drive the screw straight until the head is flush
2. Screws with partial thread can clamp wooden parts avoiding spaces between them
3. Full-thread screws are recommended for fastening thin parts and in less firm wood materials (e.g. soft woods)
4. Screws with countersunk head allow flush connection

Product information

Size	Product Code	Screw			
		Diameter	Length	Recess	Length
		d	L	-	L1
		[mm]	[mm]	-	[mm]
Ø3	R-QCP-3016	3	16	PZ1	-
	R-QCP-3020	3	20	PZ1	-
	R-QCP-3025	3	25	PZ1	-
Ø3,5	R-QCP-3516	3.5	16	PZ2	-
	R-QCP-3520	3.5	20	PZ2	-
	R-QCP-3525	3.5	25	PZ2	-
	R-QCP-3530	3.5	30	PZ2	-
	R-QCP-3540	3.5	40	PZ2	-
Ø4	R-QCP-3550	3.5	50	PZ2	-
	R-QCP-4016	4	16	PZ2	-
	R-QCP-4020	4	20	PZ2	-
	R-QCP-4025	4	25	PZ2	-
	R-QCP-4030	4	30	PZ2	-
	R-QCP-4040	4	40	PZ2	-
	R-QCP-4050	4	50	PZ2	-
	R-QCP-4060	4	60	PZ2	36
Ø4,5	R-QCP-4070	4	70	PZ2	42
	R-QCP-4080	4	80	PZ2	48
	R-QCP-4530	4.5	30	PZ2	-
	R-QCP-4540	4.5	40	PZ2	-
Ø5	R-QCP-4550	4.5	50	PZ2	-
	R-QCP-4560	4.5	60	PZ2	36
	R-QCP-5025	5	25	PZ2	-
	R-QCP-5030	5	30	PZ2	-
	R-QCP-5040	5	40	PZ2	-
	R-QCP-5050	5	50	PZ2	-
	R-QCP-5060	5	60	PZ2	36
	R-QCP-5070	5	70	PZ2	42
Ø6	R-QCP-5080	5	80	PZ2	48
	R-QCP-5100	5	100	PZ2	60
	R-QCP-6030	6	30	PZ3	-
	R-QCP-6040	6	40	PZ3	-
	R-QCP-6050	6	50	PZ3	-
	R-QCP-6060	6	60	PZ3	36
	R-QCP-6070	6	70	PZ3	42
	R-QCP-6080	6	80	PZ3	48
	R-QCP-6100	6	100	PZ3	60
R-QCP-6130	6	130	PZ3	72	
R-QCP-6150	6	150	PZ3	72	

Installation data

Size			Ø3	Ø3.5	Ø4	Ø4.5	Ø5	Ø6
Substrate			Timber	Timber	Timber	Timber	Timber	Timber
Min. installation depth	h_{nom}	[mm]	12	14	16	18	20	24
Min. substrate thickness	h_{min}	[mm]	24	28	32	36	40	48
Min. spacing	s_{min}	[mm]	30	30	30	30	30	30
Min. edge distance	c_{min}	[mm]	30	30	30	30	30	30

Product commercial data

Product Code	Screw		Quantity [pcs]			Weight [kg]			Bar Codes
	Length [mm]		Box	Outer	Pallet	Box	Outer	Pallet	
R-QCP-3016	16		200.0	12800.0	409600.0	0.12	7.4	267.6	5010445007576
R-QCP-3020	20		200.0	12800.0	409600.0	0.15	9.3	329.0	5010445007583
R-QCP-3025	25		200.0	12800.0	409600.0	0.17	11.1	386.4	5010445007590
R-QCP-3516	16		200.0	12800.0	409600.0	0.15	9.9	345.4	5010445007606
R-QCP-3520	20		200.0	12800.0	409600.0	0.19	12.2	419.1	5010445007613
R-QCP-3525	25		200.0	12800.0	409600.0	0.23	14.6	496.9	5010445007620
R-QCP-3530	30		200.0	6400.0	204800.0	0.26	8.5	300.3	5010445007637
R-QCP-3540	40		200.0	200.0	50000.0	0.34	0.34	114.5	5010445007644
R-QCP-3550	50		200.0	12800.0	204800.0	0.29	18.4	324.9	5010445007651
R-QCP-4016	16		200.0	12800.0	409600.0	0.21	13.3	456.0	5010445007668
R-QCP-4020	20		200.0	12800.0	409600.0	0.26	16.4	554.3	5010445007675
R-QCP-4025	25		200.0	12800.0	409600.0	0.29	18.4	619.8	5010445007682
R-QCP-4030	30		200.0	200.0	50000.0	0.34	0.34	114.5	5010445007699
R-QCP-4040	40		200.0	200.0	50000.0	0.43	0.43	137.5	5010445007705
R-QCP-4050	50		200.0	6400.0	204800.0	0.52	16.6	562.5	5010445007712
R-QCP-4060	60	36	200.0	6400.0	204800.0	0.61	19.6	656.7	5010445007729
R-QCP-4070	70	42	200.0	4800.0	153600.0	0.74	17.8	598.3	5010445007736
R-QCP-4080	80	48	200.0	4800.0	153600.0	0.84	20.2	675.1	5010445007743
R-QCP-4530	30		200.0	6400.0	204800.0	0.46	14.6	496.9	5010445007750
R-QCP-4540	40		200.0	6400.0	204800.0	0.55	17.6	593.2	5010445007767
R-QCP-4550	50		200.0	6400.0	204800.0	0.70	22.4	746.8	5010445007774
R-QCP-4560	60	36	200.0	4800.0	153600.0	0.82	19.7	661.3	5010445007781
R-QCP-5025	25		200.0	6400.0	204800.0	0.48	15.5	525.6	5010445007798
R-QCP-5030	30		200.0	6400.0	204800.0	0.56	17.9	601.4	5010445007804
R-QCP-5040	40		200.0	200.0	50000.0	0.71	0.71	206.5	5010445007811
R-QCP-5050	50		200.0	4800.0	153600.0	0.84	20.1	672.0	5010445007828
R-QCP-5060	60	36	200.0	4800.0	153600.0	0.98	23.6	785.7	5010445007835
R-QCP-5070	70	42	200.0	2400.0	76800.0	1.16	13.9	473.9	5010445007842
R-QCP-5080	80	48	200.0	2400.0	76800.0	1.29	15.5	525.4	5010445007859
R-QCP-5100	100	60	200.0	2400.0	76800.0	1.58	19.0	638.3	5010445007866
R-QCP-6030	30		200.0	6400.0	204800.0	0.83	26.6	879.9	5010445007873
R-QCP-6040	40		200.0	4800.0	153600.0	1.04	25.0	828.7	5010445007880
R-QCP-6050	50		200.0	3200.0	102400.0	1.28	20.5	686.4	5010445007897
R-QCP-6060	60	36	200.0	3200.0	102400.0	1.48	23.7	787.8	5010445007903
R-QCP-6070	70	42	200.0	2400.0	76800.0	1.68	20.2	675.1	5010445007910
R-QCP-6080	80	48	200.0	2400.0	76800.0	1.93	23.1	769.6	5010445007927
R-QCP-6100	100	60	200.0	2400.0	76800.0	2.3	28.1	930.1	5010445007934
R-QCP-6130	130	72	100.0	1200.0	38400.0	1.54	18.5	622.9	5010445007941
R-QCP-6150	150	72	100.0	1200.0	38400.0	1.71	20.5	686.6	5010445007958