

# RAPID<sup>®</sup> SuperSenkFix

**schmid**  
schrauben hainfeld



SuperSenkFix head



Friction part



Coarse thread



Notch in the thread



Compactor tip



Dimensions

6x80 to 10x400mm  
further dimensions  
to request



- > Highest quality
- > Innovative technology
- > Made in AUSTRIA

BlueWin 700+



# Detailed Info

## RAPID<sup>®</sup> SuperSenkFix

Specially hardened, slide coating, BlueWin 700+



### Tip

Patented compactor tip:

- > Quicker bite for reduced fastening torque
- > Reduced split effect
- > No pre-drilling required

### Thread

Coarse thread

- > with sharp rolled flanks right to the tip for
- > quicker screwing

### Head geometry

- > Innovative combination of a countersunk and washer head
- > Easy tapping thanks to cutting cone ribs
- > Suitable for fittings
- > Clean screwing (no splintering and fraying of wood)
- > Higher pull-through values

### Friction part

- > The friction part reduces screwing resistance.

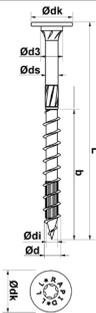
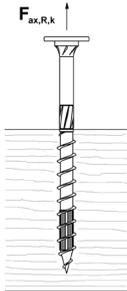
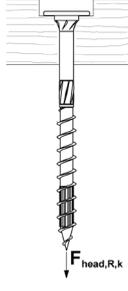
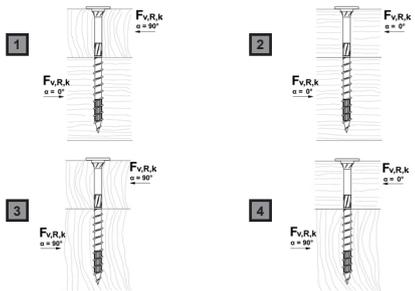
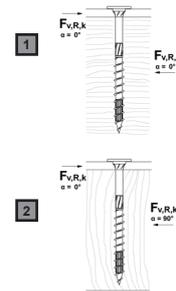


### BlueWin 700+ Surface

- > Greatly increased corrosion resistance: min. 700h resistance to red rust in salt spray test
- > Cr(VI) free surface



Characteristic	Unit	Ø 6,0	Ø 8,0	Ø 10,0
Head diameter	$d_k$ [mm]	13,0	19,0	24,0
Shoulder diameter	$d_3$ [mm]	8,0	10,0	13,0
Core diameter	$d_1$ [mm]	4,0	5,3	6,3
Shaft diameter	$d_s$ [mm]	4,3	5,9	7,1
Drive	TX	30	40	50
Tensile load	$f_{tens,k}$ [kN]	12,8	22,7	33,2
Yield moment	$M_{y,k}$ [Nm]	10,1	22,6	33,0

Dimensions		Extraction resistance		Head traction resistance		Wood - wood shearing				Steel - wood shearing			
													
d x L [mm]	b [mm]	R <sub>ASD</sub> [kN]	F <sub>ax,R,k</sub> [kN]	R <sub>ASD</sub> [kN]	F <sub>head,R,k</sub> [kN]	R <sub>ASD</sub> [kN]	1. F <sub>V,R,k</sub> [kN]	2. F <sub>V,R,k</sub> [kN]	3. F <sub>V,R,k</sub> [kN]	4. F <sub>V,R,k</sub> [kN]	R <sub>ASD</sub> [kN]	1. F <sub>V,R,k</sub> [kN]	2. F <sub>V,R,k</sub> [kN]
						$\alpha=0^\circ \dots 90^\circ$	$\alpha_{AD}=90^\circ$ $\alpha_{ET}=0^\circ$	$\alpha=0^\circ$	$\alpha=90^\circ$	$\alpha_{AD}=0^\circ$ $\alpha_{ET}=90^\circ$	$\alpha=0^\circ \dots 90^\circ$	$\alpha=0^\circ$	$\alpha=90^\circ$
<b>Ø 6,0</b>													
6,0 x 80	48	1,44	3,74	0,85	2,79	0,61	2,13	2,13	2,13	2,13	0,77	3,25	3,25
6,0 x 100	48	1,44	3,74	0,85	2,79	0,61	2,13	2,13	2,13	2,13	0,77	3,25	3,25
6,0 x 120	70	2,10	5,46	0,85	2,79	0,61	2,33	2,33	2,33	2,33	0,77	3,68	3,68
6,0 x 140	70	2,10	5,46	0,85	2,79	0,61	2,33	2,33	2,33	2,33	0,77	3,68	3,68
6,0 x 160	70	2,10	5,46	0,85	2,79	0,61	2,33	2,33	2,33	2,33	0,77	3,68	3,68
6,0 x 180	70	2,10	5,46	0,85	2,79	0,61	2,33	2,33	2,33	2,33	0,77	3,68	3,68
6,0 x 200	70	2,10	5,46	0,85	2,79	0,61	2,33	2,33	2,33	2,33	0,77	3,68	3,68
<b>Ø 8,0</b>													
8,0 x 80	54	2,16	4,62	1,81	8,08	1,10	a)	a)	a)	a)	1,36	6,18	5,30
8,0 x 100	54	2,16	4,62	1,81	8,08	1,10	4,14	4,71	3,96	4,35	1,36	6,18	5,30
8,0 x 120	54	2,16	4,62	1,81	8,08	1,10	4,35	4,71	4,09	4,35	1,36	6,18	5,30
8,0 x 140	84	3,36	7,19	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	6,82	5,94
8,0 x 160	84	3,36	7,19	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	6,82	5,94
8,0 x 180	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 200	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 220	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 240	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 260	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 280	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 300	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 320	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 340	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 360	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 380	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
8,0 x 400	100	4,00	8,56	1,81	8,08	1,10	4,99	5,35	4,72	4,99	1,36	7,17	6,28
<b>Ø 10,0</b>													
10,0 x 120	60	3,00	5,70	2,88	8,76	1,70	5,67	6,17	5,30	5,67	2,13	8,14	6,91
10,0 x 140	60	3,00	5,70	2,88	8,76	1,70	5,67	6,17	5,30	5,67	2,13	8,14	6,91
10,0 x 160	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 180	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 200	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 220	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 240	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 260	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 280	100	5,00	9,50	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,09	7,86
10,0 x 300	120	6,00	11,40	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,56	8,33
10,0 x 350	120	6,00	11,40	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,56	8,33
10,0 x 400	120	6,00	11,40	2,88	8,76	1,70	6,62	7,12	6,25	6,62	2,13	9,56	8,33

Notes: