

TYPE OF FASTENER		STEEL DECK (BUILD-UP + 20MM)	CONCRETE (BUILD-UP + 30MM)	LIGHT WEIGHT CONCRETE (BUILD-UP + 60MM)	WOOD (BUILD-UP + 20MM)	
Build-up	Tube length	BS / PS*	CS	LBS	TS	LBS
40	20	60	70	100	65	70
50	20	70	80	120	75	80
60	40	60	70	100	65	70
70	40	70	80	120	75	80
80	60	60	70	100	65	70
90	60	70	80	120	75	80
100	80	60	70	100	65	70
110	90	60	70	120 (tube 80)	65	70
120	100	60	70	100	65	70
130	100	70	80	120	75	80
140	120	60	70	100	65	70
150	120	70	80	120	75	80
160	120	80	90	120	95	100
170	150	60	70	100	65	70
180	150	70	80	120	75	80
190	150	80	90	120	95	100
200	180	60	70	100	65	70
210	180	70	80	120	75	80
220	180	80	90	120	95	100
230	210	60	70	100	65	70
240	210	70	80	120	75	80
250	210	80	90	120	95	100
260	240	60	70	100	65	70
270	240	70	80	120	75	80
280	240	80	90	120	95	100
290	270	60	70	100	65	70
300	270	70	80	120	75	80
310	270	80	90	120	95	100
320	300	60	70	100	65	70
330	300	70	80	120	75	80
340	300	80	90	120	95	100
350	330	60	70	100	65	70
360	330	70	80	120	75	80
370	330	80	90	120	95	100
380	330	90	100	140	95	100
390	330	100	120	140	105	120
400	330	110	120	160	120	120
410	330	120	140	160		140
420	330	130	140	180		140
430	330	140	160	180		160
440	330	150	160	200		160
450	430	60	70	100	65	70
460	430	70	80	120	75	80
470	430	80	90	120	95	100
480	430	90	100	140	95	100
490	430	100	120	140	105	120

TYPE OF FASTENER		STEEL DECK (BUILD-UP + 20MM)	CONCRETE (BUILD-UP + 30MM)	LIGHT WEIGHT CONCRETE (BUILD-UP + 60MM)	WOOD (BUILD-UP + 20MM)	
Built-up	Tube length	BS / PS*	CS	LBS	TS	LBS
500	430	110	120	160	120	120
510	430	120	140	160		140
520	430	130	140	180		140
530	430	140	160	180		160
540	430	150	160	200		160
550	530	60	70	100	65	70
560	530	70	80	120	75	80
570	530	80	90	120	95	100
580	530	90	100	140	95	100
590	530	100	120	140	105	120
600	530	110	120	160	120	120
610	530	120	140	160		140
620	530	130	140	180		140
630	530	140	160	180		160
640	530	150	160	200		160
650	630	60	70	100	65	70
660	630	70	80	120	75	80
670	630	80	90	120	95	100
680	630	90	100	140	95	100
690	630	100	120	140	105	120
700	630	110	120	160	120	120
710	630	120	140	160		140
720	630	130	140	180		140
730	630	140	160	180		160
740	630	150	160	200		160
750	730	60	70	100	65	70
760	730	70	80	120	75	80
770	730	80	90	120	95	100
780	730	90	100	140	95	100
790	730	100	120	140	105	120
800	730	110	120	160	120	120
810	730	120	140	160		140
820	730	130	140	180		140
830	730	140	160	180		160
840	730	150	160	200		160
850	730	160	180	200		180
860	730	170	180	210		180
870	730	180	200	220		200
880	730	200	200	230		200
890	730	200	220	240		220
900	730	260	220			220
910	730	260	240			240
920	730	260	240			240
930	730	260	260			
940	730	260	260			
950	730	260	280			

Note: all sizes in mm

Available tube lengths:  
R45, TBPP and R23: up to 730 mm  
GWT: up to 330 mm

TBPA: up to 180 mm  
RB48 + RBS50: up to 330 mm  
RB48 + TB8040: screwlength + 10 mm