



## FAST TURN

Quick acting fasteners



# BÖLLHOFF

## FAST TURN Quick acting fasteners



FAST TURN are widely used where rapid assembly and disassembly is required. Simplicity of use make it ideal when service requirement involves removal and refitting of panels and guards. Less than half rotational turn releases and reengages the fastener.

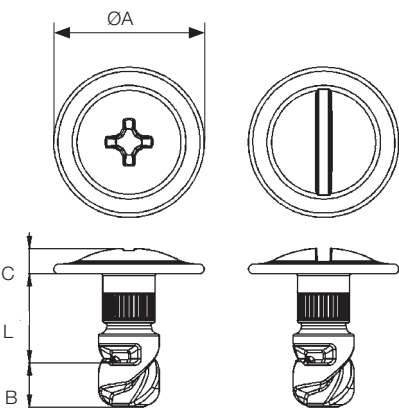
### The benefits

- Cost effective operation
- Easy installation
- Simple to operate
- Positive secure locking
- Vibration resistant
- Consistent clamp force
- Compensates for panel tolerance
- Stud can be captivated to the panel
- Environmentally friendly and recyclable



Standard surface treatment for stud and receptacle is silver-zinc laminar.

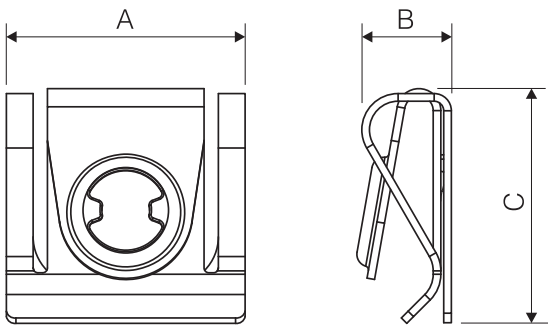
Stud



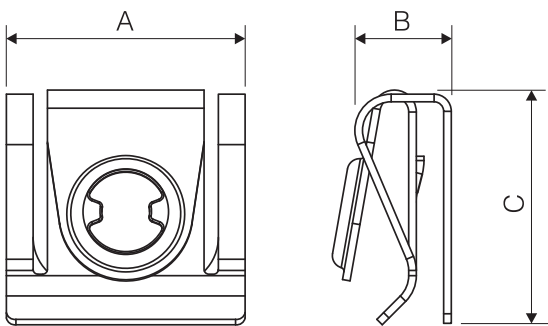
STUD DIMENSION				RECOMMENDED PANEL HOLE SIZE	
STUD Ø	A Ø	B	C	STUD Ø	HOLE Ø
5	13	3.5	2.0	5	5.0 / 5.2
7	18	5.0	3.0	7	7.0 / 7.2
8	20	5.0	3.5	8	8.0 / 8.2
9	22	7.0	4.0	9	9.0 / 9.2

L = to be defined through the stud length selector (see side page)

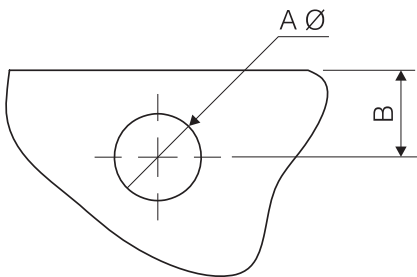
Receptacle



SUPPORT THICKNESS 0.5 - 3.0 MM			
STUD Ø	A	B	C
5	19	8.0	23.0
7	25	9.5	24.5
8	25	9.5	24.5
9	30	11.0	29.5



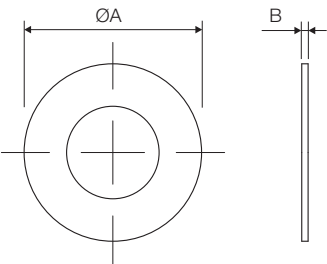
SUPPORT THICKNESS 3.0 - 5.5 MM			
STUD Ø	A	B	C
5	19	8.0	23.0
7	25	10.0	24.5
8	25	10.0	24.5
9	30	10.5	29.5



SUPPORT PREPARATION		
STUD Ø	A Ø	B
5	8.5 / 8.7	10.8 / 11.0
7	11.0 / 11.2	10.5 / 11.0
8	11.0 / 11.2	10.5 / 11.0
9	14.0 / 14.2	12.5 / 13.0

All dimensions are in mm

Retainer



PLASTIC RETAINER		
STUD Ø	Ø A	B
5	10	0.5
7	14	0.5
8	14	0.5
9	16	0.5

Stud length selector

$T = P + S + 0.7$		
FAST TURN Ø 5		
T	L	
2.5 – 3.4	9	
3.5 – 4.4	10	
4.5 – 5.4	11	
5.5 – 6.4	12	
6.5 – 7.4	13	
7.5 – 8.4	14	
8.5 – 9.4	15	
9.5 – 10.4	16	
10.5 – 11.4	17	
11.5 – 12.4	18	
12.5 – 13.4	19	
13.5 – 14.4	20	
14.5 – 15.4	21	
15.5 – 16.4	22	
16.5 – 17.4	23	
17.5 – 18.4	24	
18.5 – 19.4	25	

$T = P + S + 0.8$		
FAST TURN Ø 7 – 8		
T	L	
2.5 – 3.4	10	
3.5 – 4.4	11	
4.5 – 5.4	12	
5.5 – 6.4	13	
6.5 – 7.4	14	
7.5 – 8.4	15	
8.5 – 9.4	16	
9.5 – 10.4	17	
10.5 – 11.4	18	
11.5 – 12.4	19	
12.5 – 13.4	20	
13.5 – 14.4	21	
14.5 – 15.4	22	
15.5 – 16.4	23	
16.5 – 17.4	24	
17.5 – 18.4	25	

$T = P + S + 1.1$		
FAST TURN Ø 9		
T	L	
2.0 – 2.9	10	
3.0 – 3.9	11	
4.0 – 4.9	12	
5.0 – 5.9	13	
6.0 – 6.9	14	
7.0 – 7.9	15	
8.0 – 8.9	16	
9.0 – 9.9	17	
10.0 – 10.9	18	
11.0 – 11.9	19	
12.0 – 12.9	20	
13.0 – 13.9	21	
14.0 – 14.9	22	
15.0 – 15.9	23	
16.0 – 16.9	24	
17.0 – 17.9	25	

All dimensions are in mm



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More and more manufacturers are using FAST TURN to reduce costs, enhance their products and provide added value to their customer.

- Electrical cabinets
- Air conditioning units
- Compressors
- Inspection panels



- Retain engine covers
- Noise shields on a variety of motor vehicles



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Apart from these 24 countries, Böllhoff supports its international customers in other important industrial markets in close partnership with agents and dealers.

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