

Recommended Fabrication Rules

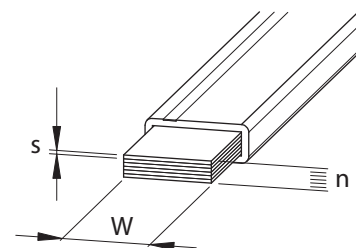
W : 9 - 13 - 15,5 - 20 - 24 - 32 - 40 - 50

W = width of laminate

n = number of laminate

s = thickness of laminate

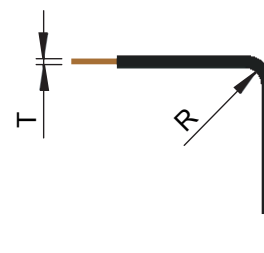
$$T = s \times n$$



BENDING

The minimum bend radius **R** is defined according to the table and the figure:

W(mm)	s (mm)	n	R (mm)
9 - 15,5	0,8	2 ÷ 10	> T
13	0,5	2 ÷ 10	
20-24-32-40-50	1	2 ÷ 10	



TWISTING

The minimum twisting length is defined **L** is defined according to the table and the figure:

W(mm)	n	C (mm)	L (mm)
9	3	3,2	> C x W
	6	4	
	9	5,6	
13-15,5-20-24-32	2 - 3	2,5	> C x W
	4 - 5 - 6	2,8	
	8	3,2	
	10	3,6	
50	3	2,5	> C x W
	4 - 5 - 6	2,6	
	8	2,8	
	10	3	



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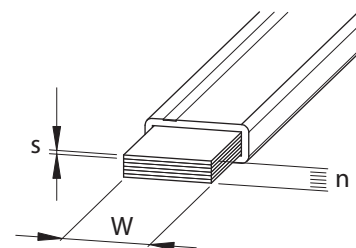
W : 9 - 13 - 15,5 - 20 - 24 - 32 - 40 - 50

W = width of laminate

n = number of laminate

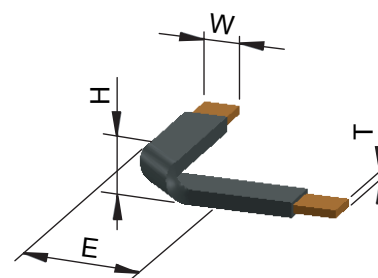
s = thickness of laminate

$$T = s \times n$$



FOLDING

It needs to take into account **H** and **E** stated according to the table and the figure:



W(mm)	s (mm)	n	H(mm)	E (mm)
9	0,8	3	$H > 3 \times (T+4)$	$E > 2 \times W$
		6		$E > 2,5 \times W$
		9		$E > 3 \times W$
13	0,5	3	$H > 3 \times (T+4)$	$E > 2 \times W$
		6		$E > 2,5 \times W$
		10		$E > 3 \times W$
15,5	0,8	2, 3	$H > 3,5 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10		$E > 3 \times W$
20	1	2, 3	$H > 4 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10		$E > 3 \times W$
24	1	2, 3	$H > 4,5 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10		$E > 3 \times W$
32	1	2, 3	$H > 5 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10		$E > 3 \times W$
40	1	2, 3	$H > 5,5 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10		$E > 3 \times W$
50	1	3	$H > 6 \times (T+4)$	$E > 2 \times W$
		4, 5, 6		$E > 2,5 \times W$
		8, 10	$H > 8 \times (T+4)$	$E > 3 \times W$

Recommended Connections

Reference	Composition			Overlap L (mm)	Bolt No.	Bolt Size
	n	W (mm)	s (mm)			
CFX 2X20X1	2	20	1	25	1	M6
CFX 3X20X1	3	20	1	25	1	M6
CFX 4X20X1	4	20	1	25	1	M8
CFX 5X20X1	5	20	1	25	1	M8
CFX 6X20X1	6	20	1	30	1	M10
CFX 10X20X1	10	20	1	50	2	M8
CFX 2X24X1	2	24	1	25	1	M8
CFX 3X24X1	3	24	1	25	1	M8
CFX 4X24X1	4	24	1	25	1	M8
CFX 5X24X1	5	24	1	25	1	M10
CFX 6X24X1	6	24	1	30	1	M10
CFX 8X24X1	8	24	1	40	1	M12
CFX 10X24X1	10	24	1	50	2	M10
CFX 2X32X1	2	32	1	25	1	M10
CFX 3X32X1	3	32	1	25	1	M10
CFX 4X32X1	4	32	1	25	1	M10
CFX 5X32X1	5	32	1	25	1	M10
CFX 6X32X1	6	32	1	30	1	M12
CFX 8X32X1	8	32	1	40	1	M12
CFX 10X32X1	10	32	1	50	2	M10
CFX 2X40X1	2	40	1	20	2	M8
CFX 3X40X1	3	40	1	25	1	M12
CFX 4X40X1	4	40	1	25	1	M12
CFX 5X40X1	5	40	1	30	1	M12
CFX 6X40X1	6	40	1	30	1	M12
CFX 8X40X1	8	40	1	40	2	M10
CFX 10X40X1	10	40	1	50	2	M12
CFX 3X50X1	3	50	1	25	2	M8
CFX 4X50X1	4	50	1	25	2	M8
CFX 5X50X1	5	50	1	25	2	M10
CFX 6X50X1	6	50	1	30	2	M10
CFX 8X50X1	8	50	1	40	2	M12
CFX 10X50X1	10	50	1	50	2	M12
CFX 3X63X1	3	63	1	25	2	M10
CFX 4X63X1	4	63	1	25	2	M10
CFX 5X63X1	5	63	1	25	2	M10
CFX 6X63X1	6	63	1	30	2	M12
CFX 8X63X1	8	63	1	40	2	M12
CFX 10X63X1	10	63	1	50	3	M12
CFX 3X80X1	3	80	1	25	3	M8
CFX 4X80X1	4	80	1	25	3	M8
CFX 5X80X1	5	80	1	25	3	M10
CFX 6X80X1	6	80	1	30	3	M10
CFX 8X80X1	8	80	1	40	3	M12
CFX 10X80X1	10	80	1	50	3	M12
CFX 4X100X1	4	100	1	25	4	M8
CFX 5X100X1	5	100	1	25	4	M10
CFX 6X100X1	6	100	1	30	4	M10
CFX 8X100X1	8	100	1	40	4	M12
CFX 10X100X1	10	100	1	50	4	M12
CFX 12X100X1	12	100	1	60	5	M12

