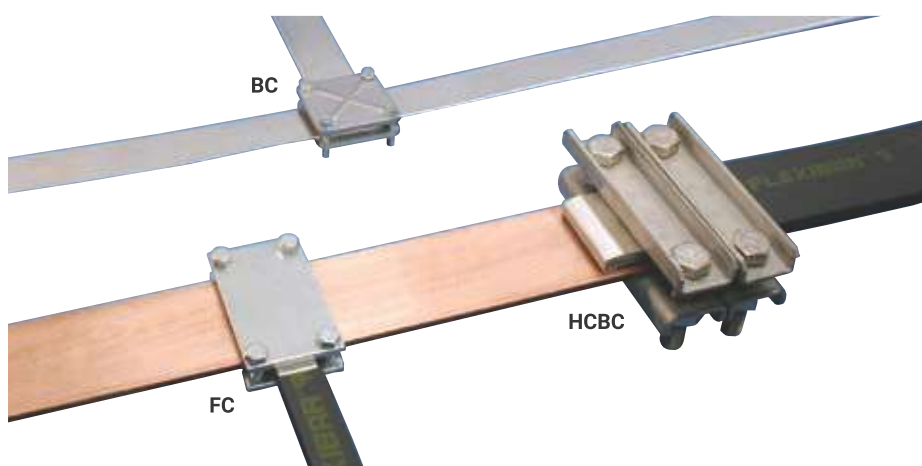


Connecting Clamps and Accessories



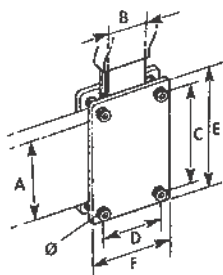
CONNECTING CLAMPS

- Allows excellent electrical contact
- Very compact: space saving
- Quick installation
- Ideal for "on site" modifications

FC

FLEXIBAR CLAMP

- Clamping capacity: 20 mm
- 2 zinc plated steel plates complete with M8 screws 8.8 class

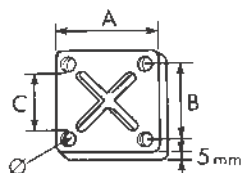


Article No.	Description	A mm	B mm	C mm	D mm	E mm	F mm	Torque N.m	kg
553020	FC 50 x 24	50	20-25	60	36	75	52	10	0.319
553030	FC 50 x 32	50	32	60	44	75	60	10	0.362
553040	FC 50 x 40	50	40	60	52	75	68	10	0.412
553050	FC 80 x 24	80	20-25	90	36	105	52	10	0.432
553060	FC 80 x 32	80	32	90	44	105	60	10	0.492
553070	FC 80 x 50	80	50	90	62	105	68	10	0.412
568700	FC 100 x 32	100	32	110	44	125	52	10	0.432
568730	FC 120 x 32	120	32	130	44	145	60	10	0.492

BC

RIBBED-STEEL BUSBAR CLAMP

- Clamping capacity: 20 mm
- 2 ribbed zinc-plated hardened-steel plates complete with screws
- Maximum clamping capacity is 50 mm using longer screws 8.8 class
- UL® 67 recognized



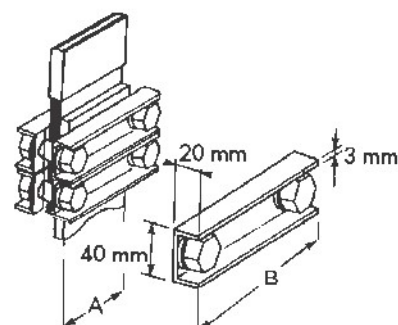
Article No.	Description	A mm	B mm	C mm	Ø mm	Torque N.m	kg
553200	BC 30	56	42	30	M6	7	0.31
553210	BC 40	66	52	40	M6	7	0.37
553220	BC 50	83	64	50	M8	20	0.59
553230	BC 63	93	74	63	M8	20	0.74
553250	BC 80	118	96	80	M10	40	0.118
553260	BC 100	144	118	100	M10	40	1.72



HCBC

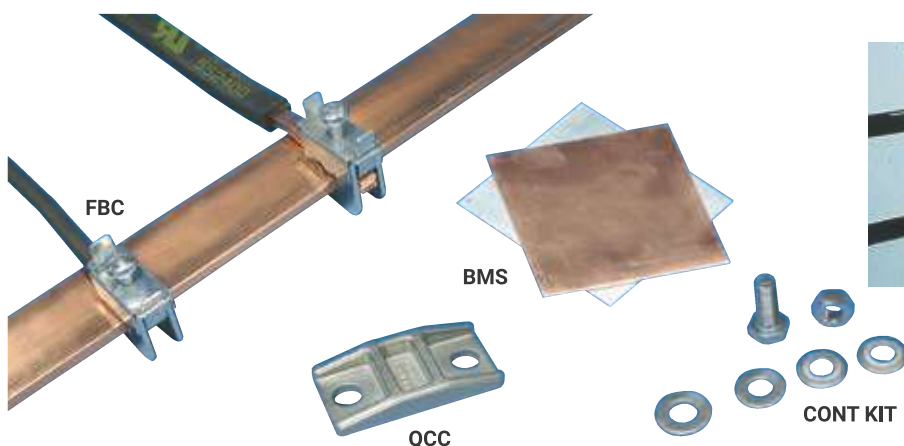
HIGH CURRENT BUSBAR CLAMP

- Clamping capacity: 40 mm
- This modular busbar clamp is designed with non-magnetic materials for high current connections between Flexibar and rigid busbars such as transformer terminals
- Its mechanical design assures rigidity and even contact pressure
- Use 2 clamps to guarantee the contact pressure



Article No.	Description	A mm	B mm	Torque N.m	kg
553100	HSBC 80	80	140	100	0.84
553110	HSBC 100	100	160	100	0.92
553120	HSBC 120	120	180	100	1.00

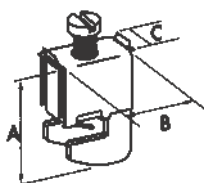
Connecting Clamps and Accessories



FBC

CONNECTORS FOR CONNECTING WITHOUT DRILLING

- Very compact connector for connecting without drilling to a 5 or 10 mm thick busbar:
- Cables from 1 mm² up to 185 mm² or Flexibar width 6 to 20 mm
- Self-support of connector during mounting procedure
- IEC 60999



FLEXIBAR TYPE

CONNECTORS FOR BUSBARS THICKNESS 5 MM

Article No.	Description	A mm	B mm	C mm	Flexibar type	Torque N.m	Cable Size mm ²	kg
553405	FBC 5 x 4	23	29	11		2	1-4	0.016
553400	FBC 5 x 6	28	31	14	6 mm	3	2.5-16	0.028
553410	FBC 5 x 9	36	40	19	9 mm	6-8	16-50	0.068
553510	FBC 5 x 15.5	44	40	25	15.5 mm	10-12	35-70	0.110
553520	FBC 5 x 20	48	40	31	20 mm	12-15	70-185	0.132

CONNECTORS FOR BUSBARS THICKNESS 10 MM

Article No.	Description	A mm	B mm	C mm	Flexibar type	Torque N.m	Cable Size mm ²	kg
553505	FBC 10 x 4	28	29	12		2	1-4	0.018
553430	FBC 10 x 6	33	31	14	6 mm	3	2.5-16	0.030
553440	FBC 10 x 9	42	40	19	9 mm	6-8	16-50	0.070
553530	FBC 10 x 15.5	49	40	25	15.5 mm	10-12	35-70	0.112
553540	FBC 10 x 20	54	40	31	20 mm	12-15	70-185	0.138

BMS

BIMETAL PLATE

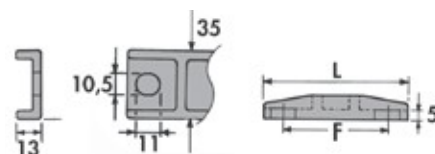
- For high performance contact between an aluminum busbar and a copper busbar.
- 70% aluminum-30% copper

Article No.	Description	Size	kg
553080	BMS 100	100 x 100 x 1	0.058
553090	BMS 500	500 x 500 x 1	1.45

QCC

CLAMPS ERIFLEX FLEXIBAR

- For Flexibar thickness ≤ 5 mm = 1 clamp
- For Flexibar thickness > 5 mm = 2 clamps



Article No.	Description	Flexibar width		L mm	F mm	kg
		min. mm	max. mm			
561210	QCC 15.5/32	15.5	32	70	50	0.112
561220	QCC 40/63	40	63	95	75	0.158

CONT KIT

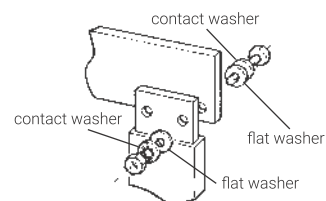
METAL NUTS AND BOLTS CONTACT KITS

- For good electrical contact:
- 100 nuts - 100 bolts
- 200 flat washers
- 200 contact washers (class 8/8 ZN8C protection)

Article No.	Description	Dimensions	Torque N.m	kg
558310	CONT KIT M 6 x 16	HM 6 x 16	13	0.012
558340	CONT KIT M 8 x 30	HM 8 x 30	30	0.028
558370	CONT KIT M 10 x 30	HM 10 x 30	60	0.052
558410	CONT KIT M 10 x 50	HM 10 x 50	60	0.062
558440	CONT KIT M 12 x 30	HM 12 x 30	110	0.081
558460	CONT KIT M 12 x 40	HM 12 x 40	110	0.090
558480	CONT KIT M 12 x 50	HM 12 x 50	110	0.097
567880	CONT KIT M 12 x 60	HM 12 x 60	110	0.116
558490	CONT KIT M 12 x 80	HM 12 x 80	110	0.150

CLAMPING TORQUE CALCULATION

With a class 8.8 zinc plated bolt. Using contact washers tightened with a torque wrench. Without lubrication.



Ø	M6	M8	M10	M12	M14	M16
F (daN)	800	1450	2300	3700	4400	6000
Clamping torque Nm	13	30	60	110	174	274