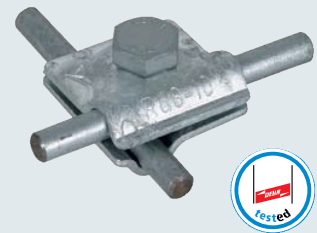
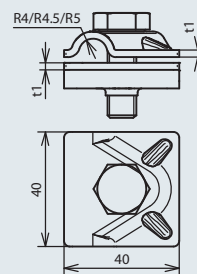


Multipurpose connecting clamp for universal use as a cross clamp, T clamp and parallel clamp; two-part



With hexagon screw

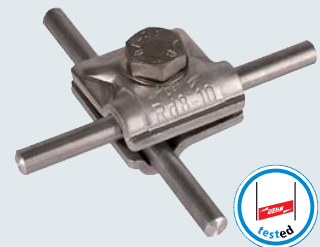
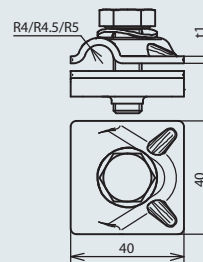


Thread in the base part

Part No.	390 050	390 051	390 059	390 057	391 050	391 059	390 079
Material of clamp	St/tZn	Al	StSt	Cu	St/tZn	StSt	StSt (V4A)
Clamping range Rd	8-10 mm	8-10 mm	8-10 mm	8 mm	10 mm	10 mm	8-10 mm
Material thickness (t1)	2.5 mm	3.0 mm	2.5 mm	3.0 mm	2.5 mm	2.5 mm	2.5 mm
Screw	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x35 mm	⚙ M10x35 mm	⚙ M10x35 mm
Material of screw/nut	St/tZn	StSt	StSt	StSt	St/tZn	StSt	StSt (V4A)
Material No.	—	—	—	—	—	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	—	—	—	—	—	316Ti / 316L / 316
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	5.5 kA	—	—	—	—	—	4.7 kA

Part No. 390 079 with StSt (V4A) also suitable for use underground

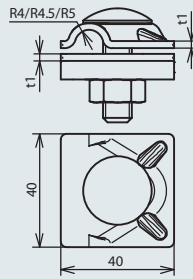
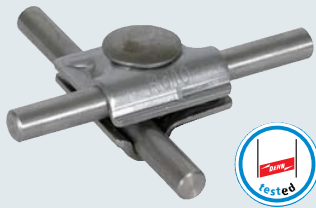
With hexagon screw and spring washer



Thread in the base part

Part No.	390 550	390 551	390 559	390 557	391 550	391 559
Material of clamp	St/tZn	Al	StSt	Cu	St/tZn	StSt
Clamping range Rd	8-10 mm	8-10 mm	8-10 mm	8 mm	10 mm	10 mm
Material thickness (t1)	2.5 mm	3.0 mm	2.5 mm	3.0 mm	2.5 mm	2.5 mm
Screw	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x30 mm	⚙ M10x35 mm	⚙ M10x35 mm
Material of screw/nut	St/tZn	StSt	StSt	StSt	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

With truss head screw

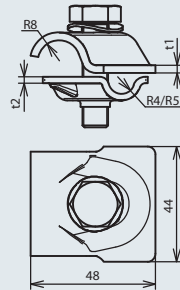
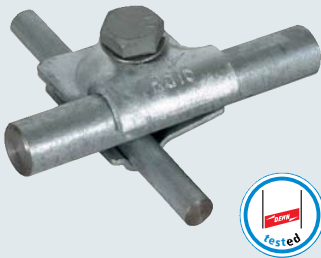


and anti-rotation feature
(square hole in the upper part)

Part No.	390 060	390 061	390 067	391 060	391 069
Material of clamp	St/tZn	Al	Cu	St/tZn	StSt
Clamping range Rd	8-10 mm	8-10 mm	8 mm	10 mm	10 mm
Material thickness (t1)	2.5 mm	3.0 mm	3.0 mm	2.5 mm	2.5 mm
Screw	⬆ M10x35 mm	⬆ M10x35 mm	⬆ M10x35 mm	⬆ M10x35 mm	⬆ M10x35 mm
Material of screw/nut	St/tZn	St/tZn	StSt	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

Type of MV clamp St/tZn Part No. 390 060 with StSt screw Part No. 390 060/S Id. No. 045137 upon request

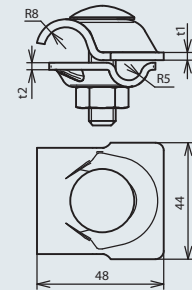
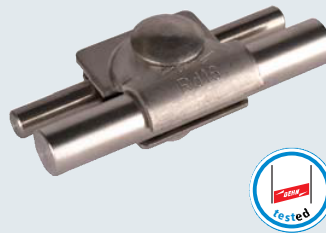
With hexagon screw and spring washer for air-termination rods



With thread in the base part

Part No.	392 050	392 059
Material of clamp	St/tZn	StSt
Clamping range Rd	8-10/16 mm	8-10/16 mm
Material thickness (t1 / t2)	3.0/2.5 mm	3.0/2.5 mm
Screw	⬆ M10x40 mm	⬆ M10x40 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1

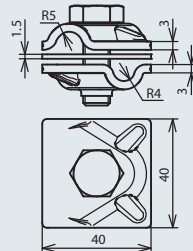
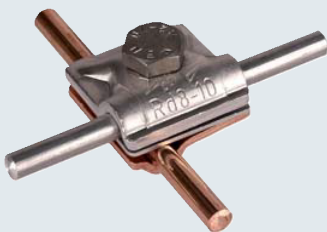
With truss head screw for air-termination rods



and anti-rotation feature (square hole in the upper part)

Part No.	392 060	392 069
Material of clamp	St/tZn	StSt
Clamping range Rd	8-10/16 mm	8-10/16 mm
Material thickness (t1 / t2)	3.0/2.5 mm	3.0/2.5 mm
Screw	⬆ M10x40 mm	⬆ M10x40 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1

Bimetallic MV clamp



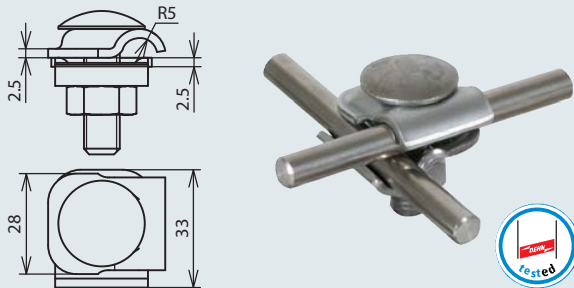
For the connection of conductors made of different materials, with intermediate plate (Cupal) and thread in the base part

Part No.	390 657
Material of clamp	Cu / Al
Clamping range Rd Cu	8 mm
Clamping range Rd Al	8-10 mm
Screw	⬆ M10x30 mm
Material of screw/nut	StSt

Mini multipurpose connecting clamp for universal use as a cross clamp, T clamp and parallel clamp, with anti-rotation feature

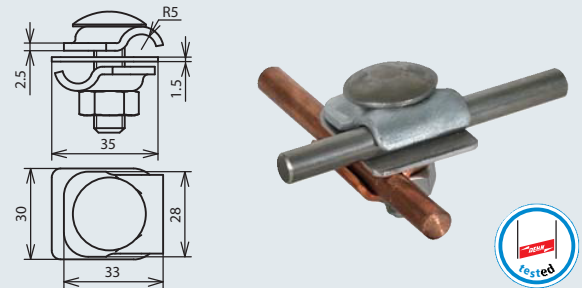


MMV Clamp



Part No.	390 250	390 257	390 259
Material of clamp	St/tZn	Cu	StSt
Clamping range Rd	6-8 mm	6-8 mm	6-8 mm
Material thickness	2.5 mm	2.5 mm	2.5 mm
Screw	⬆ M10x35 mm	⬆ M10x35 mm	⬆ M10x35 mm
Material of screw/nut	St/tZn	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1

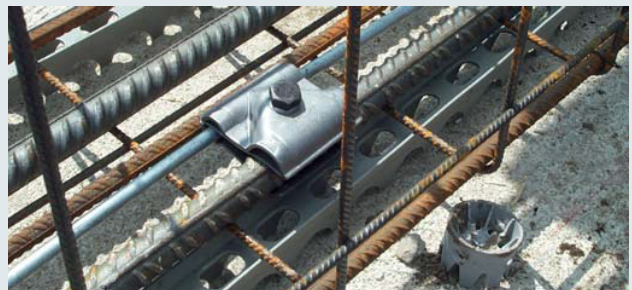
Bimetallic MMV Clamp



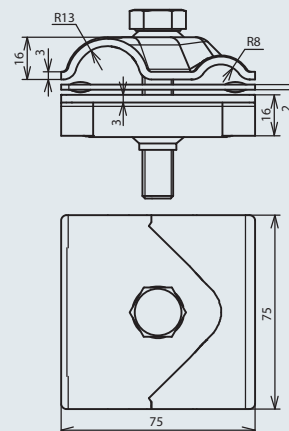
For the connection of conductors made of different materials, with intermediate plate (Cupal)

Part No.	390 267
Material of clamp	Cu / St/tZn
Clamping range Rd Cu	6-8 mm
Clamping range Rd St/tZn	6-8 mm
Screw	⬆ M10x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

Maxi multipurpose connecting clamp for universal use as a cross clamp, T clamp and parallel clamp, for connecting earth rods or reinforcements; three-part, with thread in the base part

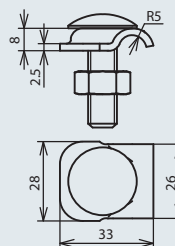


MAXI MV Clamps



Part No.	308 041	308 040
Material of clamp	St/tZn	St/bare
Clamping range Rd	8-16 / 15-25 mm	8-16 / 15-25 mm
Material thickness	3.0 / 2.0 mm	3.0 / 2.0 mm
Screw	⬆ M12x65 mm	⬆ M12x65 mm
Material of screw	St/tZn	St/bare
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	6.2 kA	10.2 kA
Approval	—	UL467B
Stock No.	5999-12-362-1557	—

Clamping frame variants e.g. as terminal with end piece
For constructions or for use at downpipe clamps
Clamping frame with square hole 11 mm and truss head screw



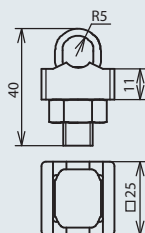
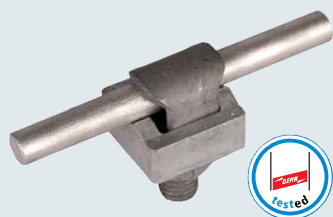
Part No.	390 150	390 157	390 159
Material of clamp	St/tZn	Cu	StSt
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm
Material thickness	2.5 mm	2.5 mm	2.5 mm
Screw	↑ M10x35 mm	↑ M10x35 mm	↑ M10x35 mm
Material of screw/nut	St/tZn	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1

KS Connectors



Clamping screw connector for lightning current carrying capable connection of round conductors e.g. to flat profiles, downpipe clamps or other parts of the lightning protection system

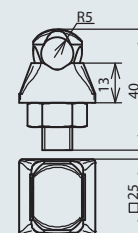
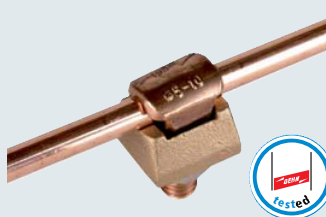
One-piece, St/tZn



With screw and nut M10

Part No.	301 000	301 010
Material of clamping screw	St/tZn	St/tZn
Material of clamp	ZDC	ZDC
Clamping range Rd	7-10 mm	7-10 mm
Type	—	+ spring washer
Material of nut	St/tZn	St/tZn
Standard	EN 50164-1	EN 50164-1

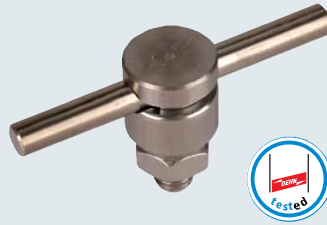
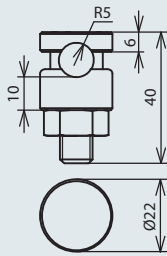
One-piece, Cu



With screw and nut M10

Part No.	301 007	301 017
Material of clamping screw	Cu	Cu
Material of clamp	RCB	RCB
Clamping range Rd	6-10 mm	6-10 mm
Connection (single-wire/multi-wire)	25 - 70 mm²	25 - 70 mm²
Type	—	+ spring washer
Material of nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

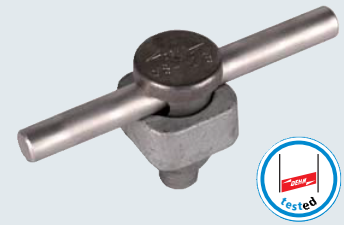
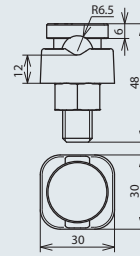
One-piece, StSt



With screw and nut M10

Part No.	301 009	301 019
Material of clamping screw	StSt	StSt
Material of clamp	StSt	StSt
Clamping range Rd	6-10 mm	6-10 mm
Connection		
(single-wire/multi-wire)	25 - 70 mm ²	25 - 70 mm ²
Type	—	+ spring washer
Material of nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

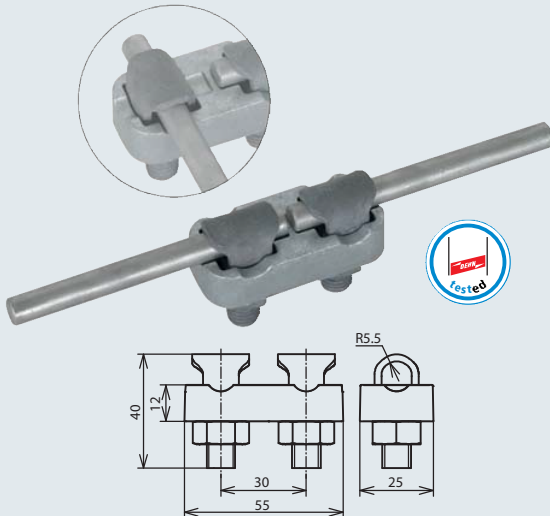
Heavy design



With screw and nut M12

Part No.	300 002	300 017
Material of clamping screw	St/tZn	Cu
Material of clamp	MCI	RCB
Clamping range Rd	8-12.5 mm	8-12.5 mm
Connection		
(single-wire/multi-wire)	50 - 95 mm ²	50 - 95 mm ²
Material of nut	St/tZn	Cu
Standard	EN 50164-1	EN 50164-1

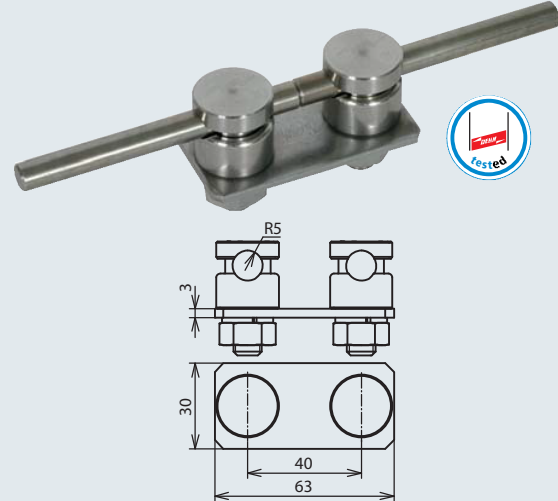
Two-piece, distance 30 mm



With screw and nut M10

Part No.	302 010
Material of clamping screw	St/tZn
Material of clamp	Zamak
Clamping range Rd	7-10 mm
Material of nut	St/tZn
Standard	EN 50164-1

Two-piece, distance 40 mm

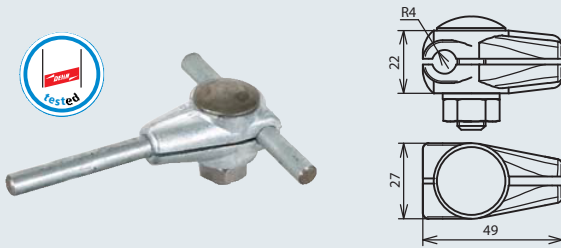


With screw and nut M10

Part No.	301 229
Material of clamping screw	StSt
Material of clamp	StSt
Clamping range Rd	6-10 mm
Type	+ spring washer
Material of nut	StSt
Standard	EN 50164-1

For use to connect round conductors in T and longitudinal arrangements

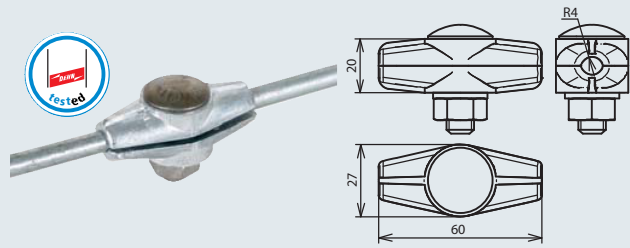
EST Connector



One-screw T connector

Part No.	310 008
Material of clamp	ZDC
Clamping range Rd	8 mm
Screw	⬆ M10x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

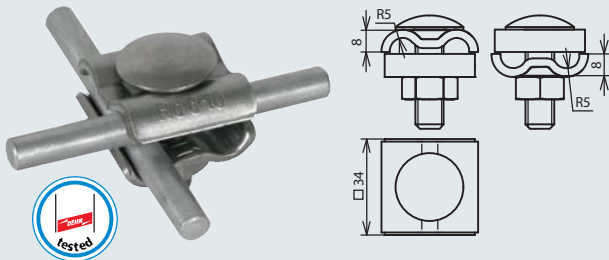
ES Connectors



One-screw connectors for longitudinal arrangements

Part No.	309 008	309 087
Material of clamp	ZDC	RCB
Clamping range Rd	8 mm	8 mm
Screw	⬆ M10x35 mm	⬆ M10x35 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

Universal Connector

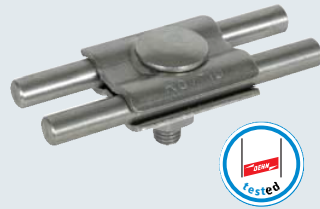
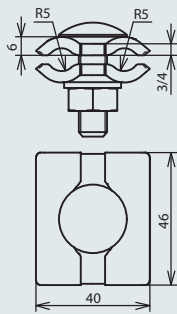


Connection of round conductors, for cross, T, and parallel connections and double conductor connection

Part No.	315 119
Material of clamp	StSt
Clamping range Rd	8-10 mm
Screw	⬆ M10x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

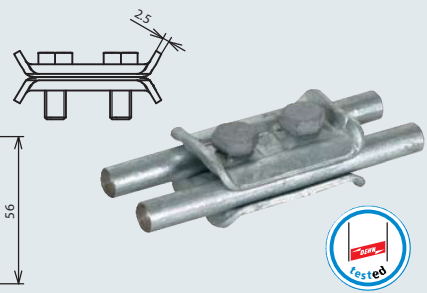
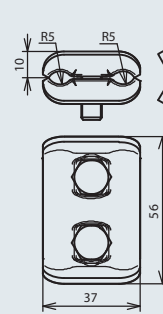
Parallel connector for two conductors in parallel arrangement

For equal diameters with one screw



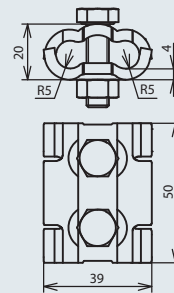
Part No.	306 020	306 029
Material of clamp	St/tZn	StSt (V4A)
Clamping range Rd/Rd	7-10 mm	7-10 mm
Screw	⌚ M10x35 mm	⌚ M10x35 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	—	2.9 kA

For equal diameters with two screws

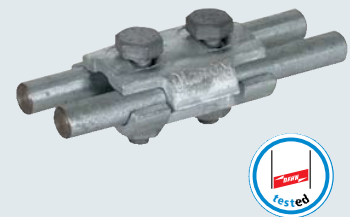


Part No.	307 000	307 007
Material of clamp	St/tZn	Cu
Clamping range Rd/Rd	7-10 mm	7-10 mm
Screw	⌚ M8x20 mm	⌚ M8x20 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1
Military Name	VG 96953 T06 D0002	—
Stock No.	5999-12-158-2303	—

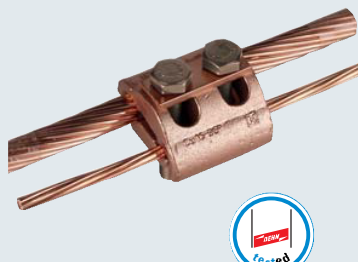
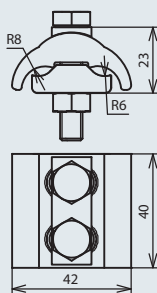
Part No.	305 000	305 007
Material of clamp	St/tZn	Cu
Clamping range Rd/Rd	4-10 mm	4-10 mm
Screw	⌚ M8x30 mm	⌚ M8x30 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	—	13.6 kA



For different diameters 4-10 mm



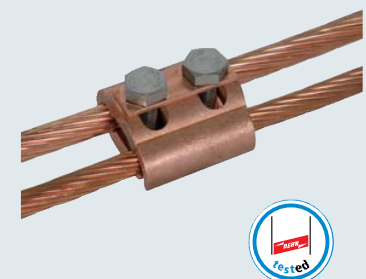
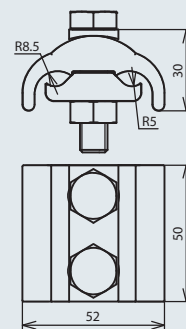
For different cable diameters, small



Specified short-circuit current is valid for 70 mm² Cu cable

Part No.	306 100
Material of clamp	Cu
Clamping range Rd/Rd	5-12.5 mm
Clamping range (stranded or cable)	16-95 mm²
Screw	⌚ M8x45 mm
Material of screw/nut	StSt (V4A)
Material No.	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	316Ti / 316L / 316
Standard	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	13.6 kA

For different cable diameters, large



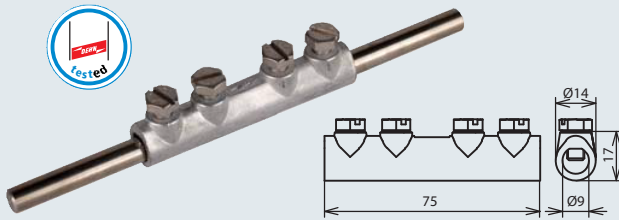
Specified short-circuit current is valid for 70 mm² Cu cable

Part No.	306 101
Material of clamp	Cu
Clamping range Rd/Rd	5-16 mm
Clamping range (stranded or cable)	16-150 mm²
Screw	⌚ M10x50 mm
Material of screw/nut	StSt (V4A)
Material No.	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	316Ti / 316L / 316
Standard	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	13.6 kA



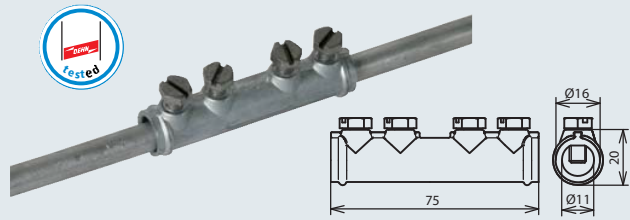
Connecting sleeves for longitudinal connection of two round conductors with four screws M6

ZDC 8



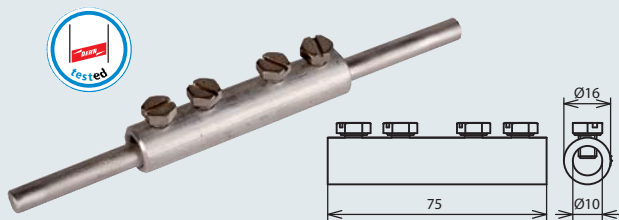
Part No.	385 203
Material of clamp	ZDC
Clamping range Rd	8 mm
Screw	M6x10 mm
Material of screw	StSt
Standard	EN 50164-1

ZDC 7-10



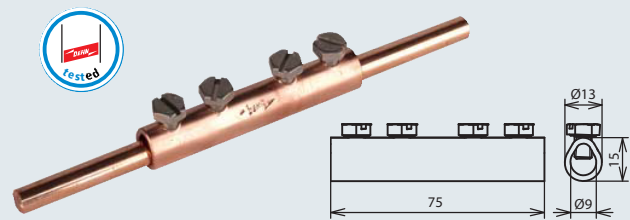
Part No.	385 202
Material of clamp	ZDC
Clamping range Rd	7-10 mm
Screw	M6x12 mm
Material of screw	StSt
Standard	EN 50164-1

Al 8



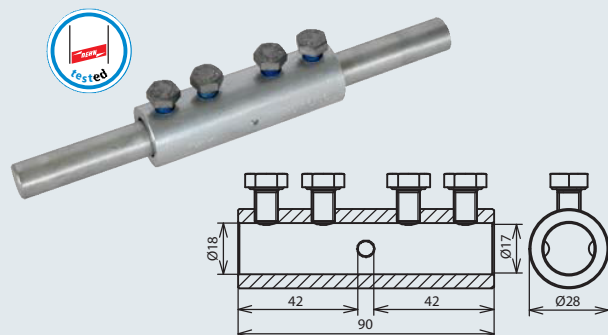
Part No.	385 213
Material of clamp	Al
Clamping range Rd	8 mm
Screw	M6x8 mm
Material of screw	StSt
Standard	EN 50164-1

Cu 8



Part No.	385 207
Material of clamp	Cu
Clamping range Rd	8 mm
Screw	M6x8 mm
Material of screw	StSt
Standard	EN 50164-1

Connecting Sleeve for Air-termination Rods



Connecting sleeve with embossings (stop) to join longer air-termination rods (transport length)

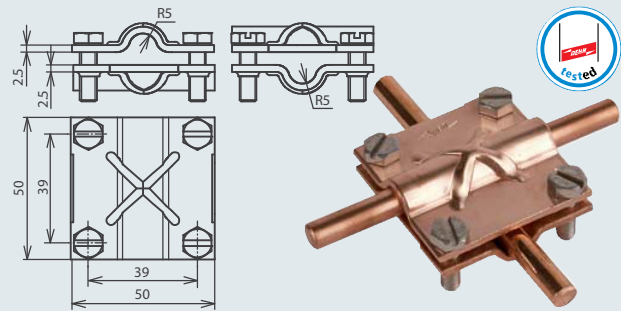
Using the connecting sleeve requires an additional fixing of the air-termination rod above the sleeve.

Part No.	385 216
Material	Al
Clamping range Rd / Rd	16 / 16 mm
Screw	M8x12 mm
Material of screw	StSt
Outer Ø	28 mm
Standard	EN 50164-1

Cross units for aboveground connection of conductors in cross and T arrangement

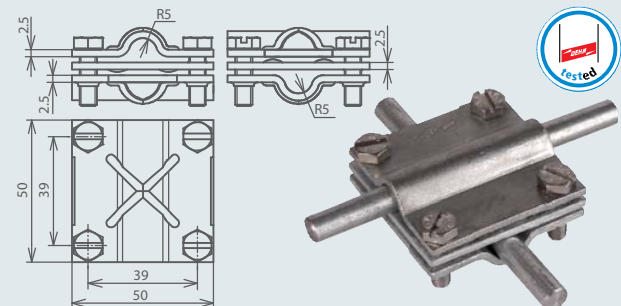
Without intermediate plate

Part No.	314 300	314 307
Material of clamp	St/tZn	Cu
Clamping range Rd / Rd	8-10 / 8-10 mm	8-10 / 8-10 mm
Clamping range Rd / FI	8-10 / 30 mm	8-10 / 30 mm
Clamping range FI / FI	30 / 30 mm	30 / 30 mm
Screw	 M6x20 mm	 M6x20 mm
Material of screw	StSt	StSt
Dimension	50x50x2.5 mm	50x50x2.5 mm
Standard	EN 50164-1	EN 50164-1



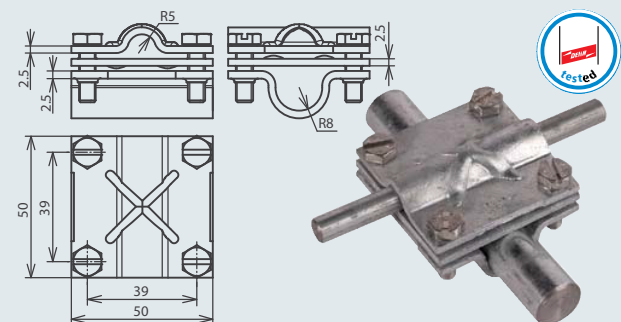
With intermediate plate

Part No.	314 310
Material of clamp	St/tZn
Clamping range Rd / Rd	8-10 / 8-10 mm
Clamping range Rd / FI	8-10 / 30 mm
Clamping range FI / FI	30 / 30 mm
Screw	 M6x20 mm
Material of screw	StSt
Dimension	50x50x2.5 mm
Standard	EN 50164-1



With intermediate plate, e.g. for air-termination rods

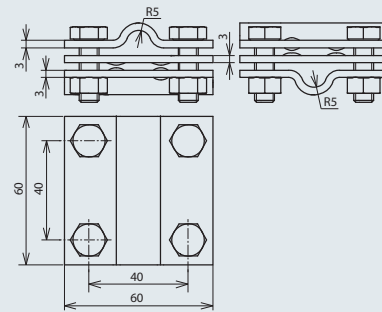
Part No.	316 163	316 167
Material of clamp	St/tZn	Cu
Clamping range Rd / Rd	16 / 8-10 mm	16 / 8-10 mm
Clamping range Rd / FI	16 / 30 mm	16 / 30 mm
Screw	 M6x20 mm	 M6x20 mm
Material of screw	StSt	StSt
Dimension	50x50x2.5 mm	50x50x2.5 mm
Standard	EN 50164-1	EN 50164-1





Cross units for aboveground and underground connections of conductors in cross and T arrangement

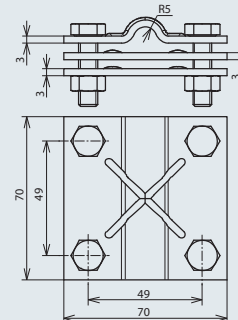
With intermediate plate, for round and flat conductors



Part No.	319 201	319 207	319 209
Material of clamp	St/tZn	Cu	StSt (V4A)
Clamping range Rd / Rd	8-10 / 8-10 mm	8-10 / 8-10 mm	8-10 / 8-10 mm
Clamping range Rd / Fl	8-10 / 30 mm	8-10 / 30 mm	8-10 / 30 mm
Clamping range Fl / Fl	30 / 30 mm	30 / 30 mm	30 / 30 mm
Clamping range (stranded/cable)	—	50-70 mm ²	50-70 mm ²
Screw	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	St/tZn	StSt (V4A)	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316	316Ti / 316L / 316
Dimension	60x60x3 mm	60x60x4 mm	60x60x3 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	14 kA	29 kA	7 kA

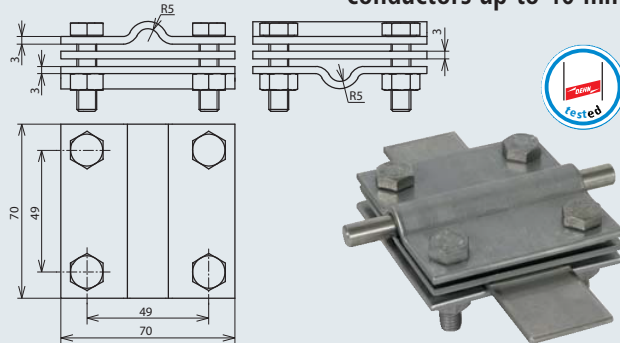
Type StSt (V4A) especially for Fl 30 mm and Rd 8-10 mm with intermediate plate (dimension 60x60 mm) Part No. 319 209/S Id. No. 040332 upon request

With intermediate plate, for round and flat conductors up to 40 mm



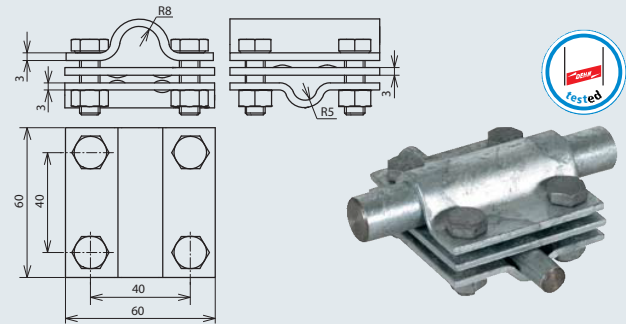
Part No.	321 045	321 047
Material of clamp	St/tZn	Cu
Clamping range Rd / Fl	8-10 / 30-40 mm	8-10 / 30-40 mm
Clamping range Fl / Fl	30-40 / 30-40 mm	30-40 / 30-40 mm
Clamping range (stranded/cable)	—	50-70 mm ²
Screw	M8x30 mm	M8x30 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Dimension	70x70x3 mm	70x70x3 mm
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	12.6 kA	35.1 kA

With intermediate plate, for two round and flat conductors up to 40 mm



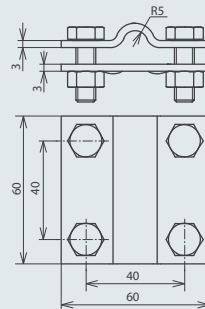
Part No.	319 229
Material of clamp	StSt (V4A)
Clamping range Rd / Rd	7-10 / 7-10 mm
Clamping range Rd / Fl	7-10 / 30-40 mm
Clamping range Fl / Fl	30-40 / 30-40 mm
Clamping range (stranded/cable)	35-70 mm ²
Screw	M8x30 mm
Material of screw/nut	StSt (V4A)
Material No.	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	316Ti / 316L / 316
Dimension	70x70x3 mm
Standard	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	5.0 kA

With intermediate plate, for earth entries/air-termination rods



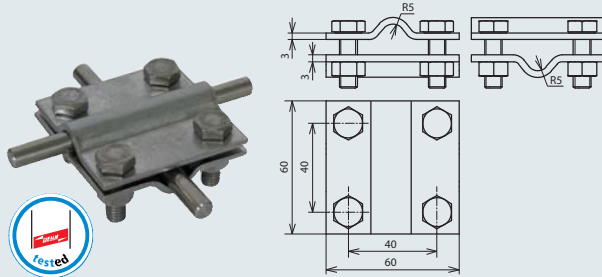
Part No.	319 202	319 219
Material of clamp	St/tZn	StSt (V4A)
Clamping range Rd / Rd	16 / 8-10 mm	16 / 8-10 mm
Clamping range Rd / Fl	16 / 30 mm	16 / 30 mm
Clamping range (stranded/cable)	—	50-70 / 120 mm ²
Screw	M8x25 mm	M8x25 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Dimension	60x60x3 mm	60x60x3 mm
Standard	EN 50164-1	EN 50164-1

Without intermediate plate, for round and flat conductors



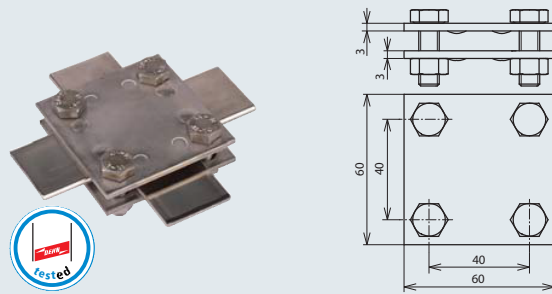
Part No.	318 201	318 207	318 209
Material of clamp	St/tZn	Cu	StSt (V4A)
Clamping range Rd / Fl	8-10 / 30 mm	8-10 / 30 mm	8-10 / 30 mm
Clamping range Fl / Fl	30 / 30 mm	30 / 30 mm	30 / 30 mm
Clamping range (stranded/cable)	—	50-70 mm ²	50-70 mm ²
Screw	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	St/tZn	StSt (V4A)	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316	316Ti / 316L / 316
Dimension	60x60x3 mm	60x60x4 mm	60x60x3 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	14 kA	29 kA	7.4 kA

Without intermediate plate, for two round and flat conductors



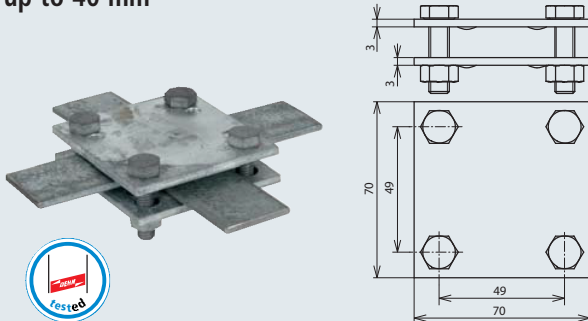
Part No.	318 251	318 219
Material of clamp	St/tZn	StSt (V4A)
Clamping range Rd / Rd	8-10 / 8-10 mm	8-10 / 8-10 mm
Clamping range Rd / FI	8-10 / 30 mm	8-10 / 30 mm
Clamping range FI / FI	30 / 30 mm	30 / 30 mm
Clamping range (stranded/cable)	—	50-70 mm ²
Screw	● M8x25 mm	● M8x25 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Dimension	60x60x3 mm	60x60x3 mm
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	14 kA	7.4 kA

Without intermediate plate, for two flat conductors



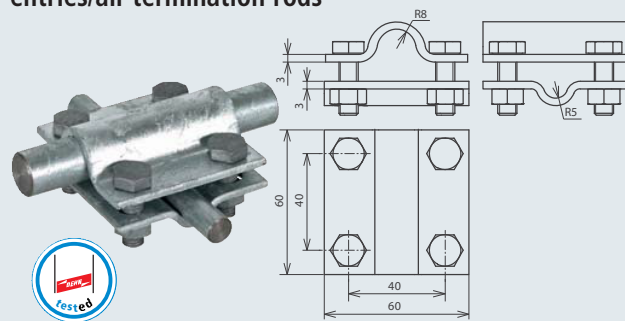
Part No.	318 033	318 233
Material of clamp	St/tZn	StSt (V4A)
Clamping range FI / FI	30 / 30 mm	30 / 30 mm
Screw	● M8x25 mm	● M8x25 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Dimension	60x60x3 mm	60x60x3 mm
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	8.4 kA	7.0 kA

Without intermediate plate, for two flat conductors up to 40 mm



Part No.	320 044
Material of clamp	St/tZn
Clamping range FI / FI	30-40 / 30-40 mm
Screw	● M8x30 mm
Material of screw/nut	St/tZn
Dimension	70x70x3 mm
Standard	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	12.6 kA

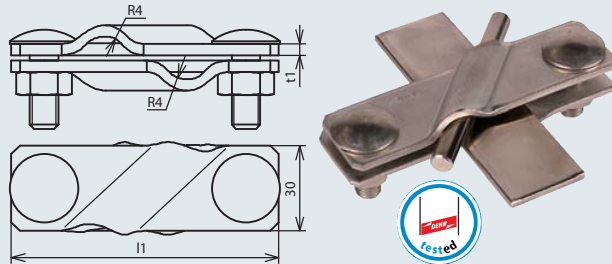
Without intermediate plate, for earth entries/air-termination rods



Part No.	318 252
Material of clamp	St/tZn
Clamping range Rd / Rd	8-10 / 16 mm
Clamping range Rd / FI	16 / 30 mm
Screw	● M8x25 mm
Material of screw/nut	St/tZn
Dimension	60x60x3 mm
Standard	EN 50164-1

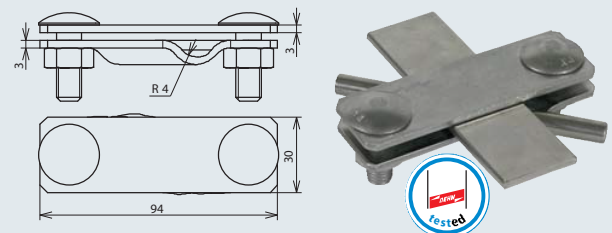
Diagonal connection clamps for cross connections and T connections, screws with anti-rotation feature

For flat and round conductors



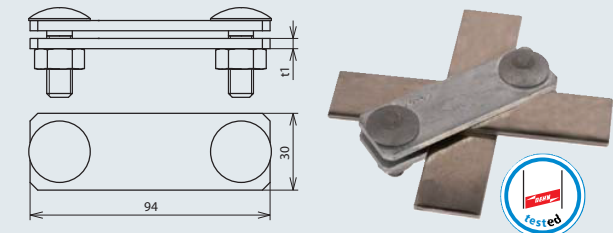
Part No.	308 220	308 229	308 320	308 329
Material of clamp	St/tZn	StSt (V4A)	St/tZn	StSt (V4A)
Clamping range Rd / Rd	7-10 / 7-10 mm	7-10 / 7-10 mm	7-10 / 7-10 mm	7-10 / 7-10 mm
Clamping range Rd / FI	7-10 / 30 mm	7-10 / 30 mm	7-10 / 30-40 mm	7-10 / 30-40 mm
Clamping range FI / FI	30 / 30 mm	30 / 30 mm	30-40 / 30-40 mm	30-40 / 30-40 mm
Screw	⬆ M10x30 mm	⬆ M10x30 mm	⬆ M10x30 mm	⬆ M10x30 mm
Material of screw/nut	St/tZn	StSt (V4A)	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316	—	316Ti / 316L / 316
Dimension (l1 x t1)	94x4 mm	94x3 mm	108x4 mm	108x3 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	7.3 kA	3.2 kA	14.0 kA	14.0 kA

For one flat and one round conductor



Part No.	308 249
Material of clamp	StSt (V4A)
Clamping range Rd / FI	7-10 / 30 mm
Screw	⬆ M10x30 mm
Material of screw/nut	StSt (V4A)
Material No.	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	316Ti / 316L / 316
Dimension (l1 x t1)	94x3 mm
Standard	EN 50164-1

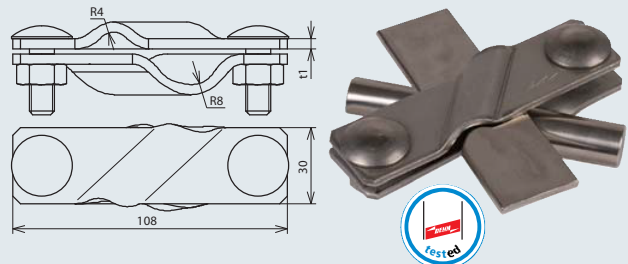
For flat conductors



Part No.	308 230	308 239
Material of clamp	St/tZn	StSt (V4A)
Clamping range FI / FI	30 / 30 mm	30 / 30 mm
Screw	⬆ M10x30 mm	⬆ M10x30 mm
Material of screw/nut	St/tZn	StSt (V4A)
Material No.	—	1.4571 / 1.4404 / 1.4401
ASTM / AISI:	—	316Ti / 316L / 316
Dimension (l1 x t1)	94x4 mm	94x3 mm
Standard	EN 50164-1	EN 50164-1
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	8.2 kA	3.9 kA

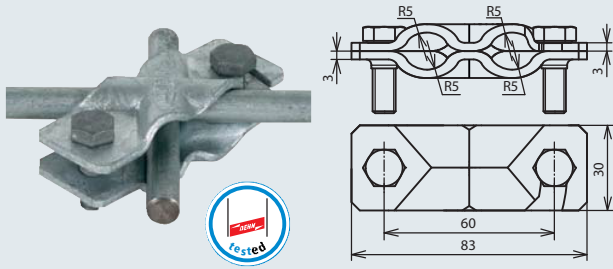
For flat conductors, round conductors and earth entry rods

Part No.	308 330
Material of clamp	St/tZn
Clamping range Rd / Rd	7-10 / 16 mm
Clamping range Rd / FI	16 / 30-40 mm
Screw	⬆ M10x30 mm
Material of screw/nut	St/tZn
Dimension (l1 x t1)	108x4 mm
Standard	EN 50164-1



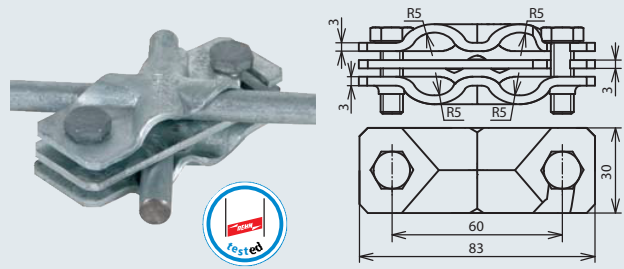
Diagonal connection parallel clamps for cross and parallel connections, with slotted upper part (no need to remove the screws)

Without intermediate plate



Part No.	308 060
Material of clamp	St/tZn
Clamping range Rd / Rd	8-10 / 8-10 mm
Clamping range Rd / FI	8-10 / 30 mm
Clamping range FI / FI	30 / 30 mm
Screw	● M8x25 mm
Material of screw	St/tZn
Standard	EN 50164-1

With intermediate plate (slotted)

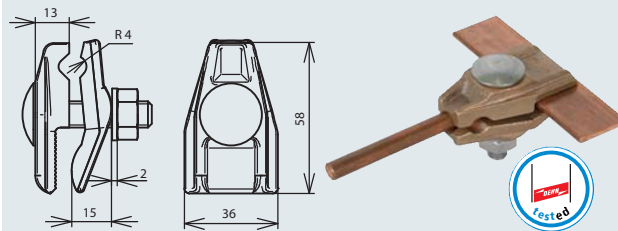


Part No.	308 070
Material of clamp	St/tZn
Clamping range Rd / Rd	8-10 / 8-10 mm
Clamping range Rd / FI	8-10 / 30 mm
Clamping range FI / FI	30 / 30 mm
Screw	● M8x25 mm
Material of screw	St/tZn
Standard	EN 50164-1

Clamps for the connection to steel constructions and steel sheets

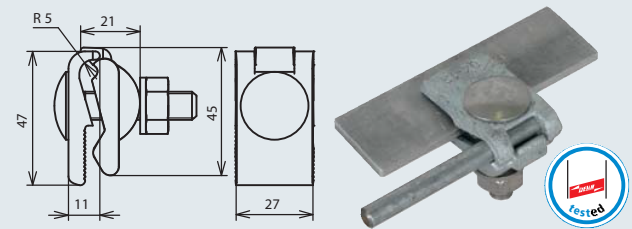


Longitudinal or cross connection



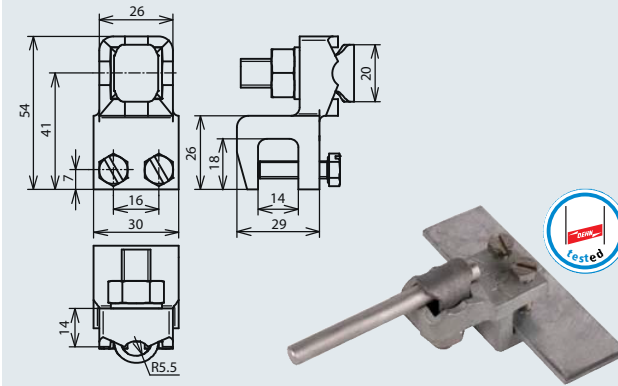
Part No.	371 009	371 007
Clamping range	0.4-12 mm	0.4-12 mm
Material of clamp	MCI/tZn	RCB
Clamping range Rd	7-10 mm	7-10 mm
Screw	⬆ M10x45 mm	⬆ M10x45 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

Longitudinal connection



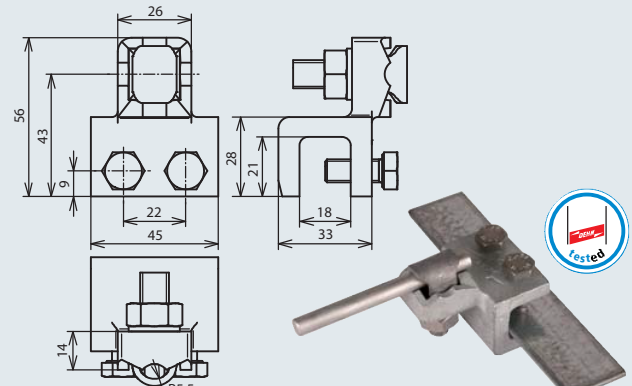
Part No.	371 008
Clamping range	0.4-12 mm
Material of clamp	MCI/tZn
Clamping range Rd	4-10 mm
Screw	⬆ M10x45 mm
Material of screw/nut	StSt
Standard	EN 50164-1

Longitudinal or cross connection with KS screw



Part No.	370 014
Clamping range	1-12 mm
Material of clamp	MCI/tZn
Clamping range Rd	7-10 mm
Screw	⬆ M6x25 mm
Material of screw/nut	StSt
Standard	EN 50164-1

Longitudinal or cross connection with KS screw

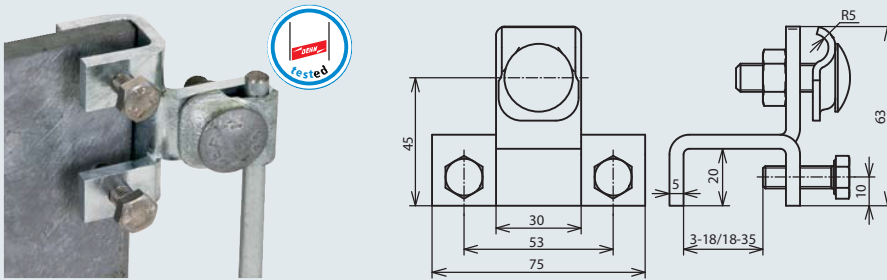


Part No.	370 018
Clamping range	8-18 mm
Material of clamp	MCI/tZn
Clamping range Rd	7-10 mm
Screw	⬆ M8x20 mm
Material of screw/nut	StSt
Standard	EN 50164-1



Terminal clamps, heavy design, for the connection to steel constructions

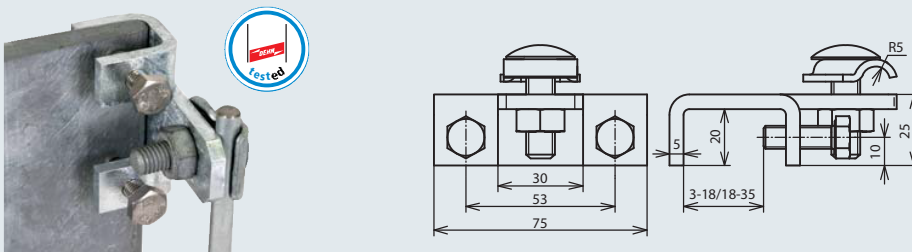
Vertical design, with clamping frame



Longitudinal or cross connection with clamping frame

Part No.	372 110	372 119	372 140	372 149
Clamping range	3-18 mm	3-18 mm	18-35 mm	18-35 mm
Material of clamp	St/tZn	StSt	St/tZn	StSt
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm	6-10 mm
Screw	M8x25 mm	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

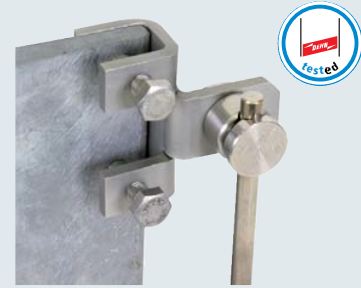
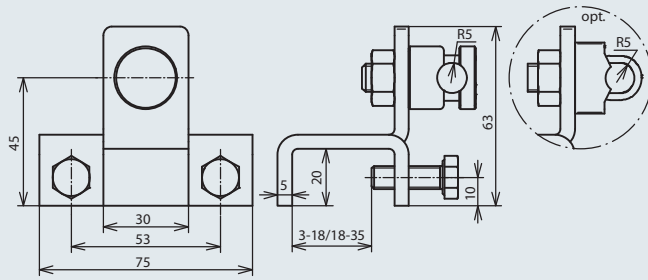
Horizontal design, with clamping frame



Longitudinal or cross connection with clamping frame

Part No.	372 210	372 219	372 240	372 249
Clamping range	3-18 mm	3-18 mm	18-35 mm	18-35 mm
Material of clamp	St/tZn	StSt	St/tZn	StSt
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm	6-10 mm
Screw	M8x25 mm	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

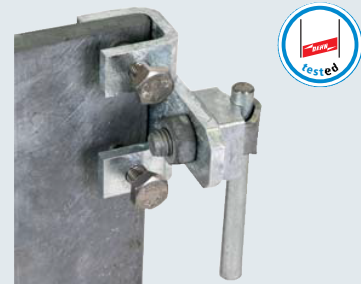
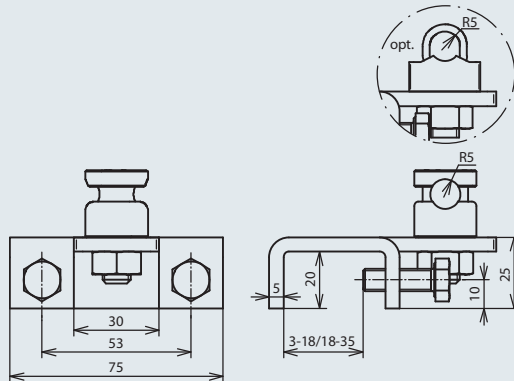
Vertical design, with KS connector



Longitudinal or cross connection with KS connector

Part No.	372 120	372 129	372 150	372 159
Clamping range	3-18 mm	3-18 mm	18-35 mm	18-35 mm
Material of clamp	St/tZn	StSt	St/tZn	StSt
Clamping range Rd	7-10 mm	6-10 mm	7-10 mm	6-10 mm
Screw	M8x25 mm	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

Horizontal design, with KS connector

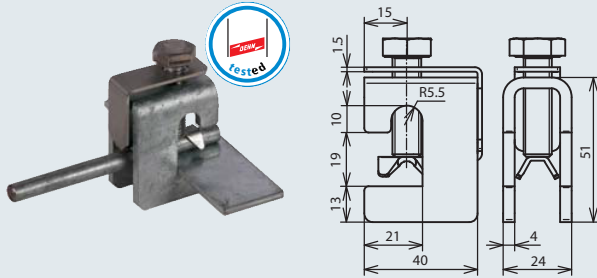


Longitudinal or cross connection with KS connector

Part No.	372 220	372 229	372 250	372 259
Clamping range	3-18 mm	3-18 mm	18-35 mm	18-35 mm
Material of clamp	St/tZn	StSt	St/tZn	StSt
Clamping range Rd	7-10 mm	6-10 mm	7-10 mm	6-10 mm
Screw	M8x25 mm	M8x25 mm	M8x25 mm	M8x25 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

Terminal clamps with thrust piece for the connection to steel constructions and steel sheets by single-screw technique

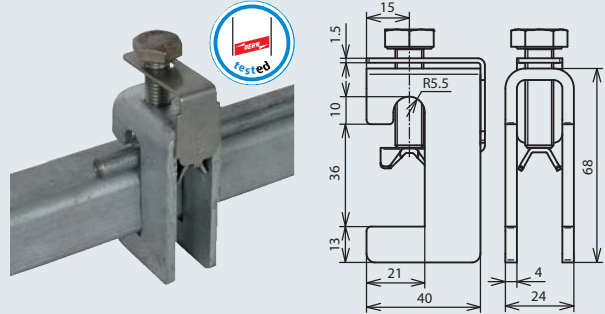
Small design



Longitudinal or cross connection

Part No.	372 018	372 019
Clamping range	5-18 mm	5-18 mm
Material of clamp	St/tZn	StSt
Clamping range Rd	6-10 mm	6-10 mm
Screw	 M10x35 mm	 M10x35 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

Large design

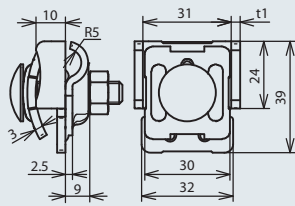


Longitudinal or cross connection

Part No.	372 035
Clamping range	18-35 mm
Material of clamp	St/tZn
Clamping range Rd	6-10 mm
Screw	 M10x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

Clamps for connecting conductors to standing seams or for connecting conductors to standing seams of different materials

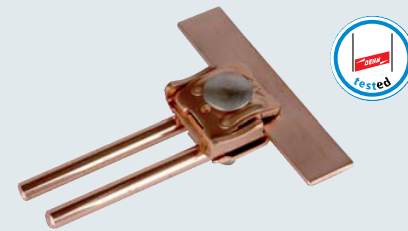
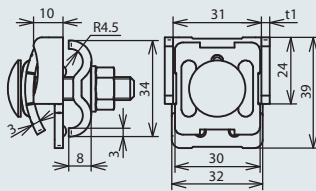
With clamping frame



Longitudinal or crosswise conductor leading

Part No.	365 030	365 031	365 037	365 039
Clamping range of flange	0.7-8 mm	0.7-8 mm	0.7-8 mm	0.7-8 mm
Material of clamp	St/tZn	Al	Cu	StSt
Material thickness (t1)	3 mm	3 mm	3 mm	2.5 mm
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm	6-10 mm
Screw	⬆ M8x35 mm	⬆ M8x35 mm	⬆ M8x35 mm	⬆ M8x35 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

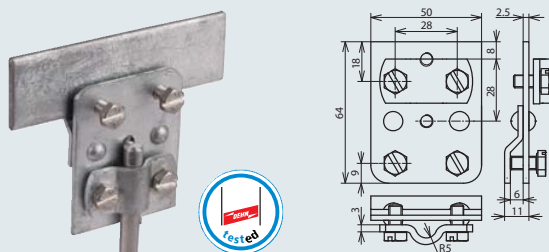
With double cleat



Longitudinal or crosswise conductor leading

Part No.	365 010	365 017	365 019
Clamping range of flange	0.7-8 mm	0.7-8 mm	0.7-8 mm
Material of clamp	St/tZn	Cu	StSt
Material thickness (t1)	3 mm	3 mm	2.5 mm
Clamping range Rd	8-10 mm	8-10 mm	6-10 mm
Screw	⬆ M8x40 mm	⬆ M8x40 mm	⬆ M8x40 mm
Material of screw/nut	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1

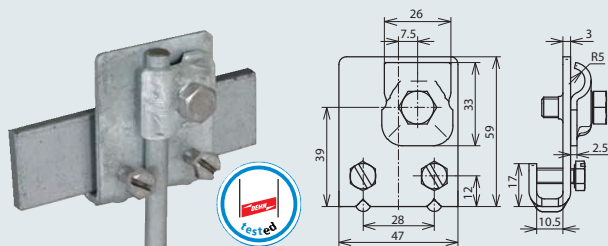
With two-screws-cleat



Longitudinal or crosswise conductor leading

Part No.	251 002	251 027
Clamping range of flange	0.7-5 mm	0.7-5 mm
Material of clamp	St/tZn	Cu
Material thickness (t1)	2.5 mm	2.5 mm
Clamping range Rd	7-10 mm	7-10 mm
Screw	 M6x12 mm	 M6x12 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

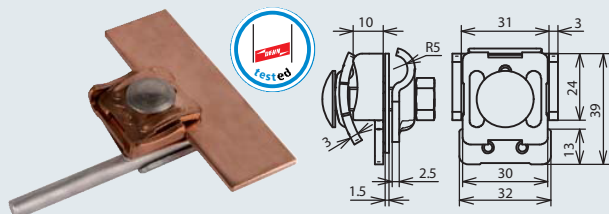
With clamping frame, for hooking at seams



Close to a roof or wall area
Longitudinal and crosswise conductor leading

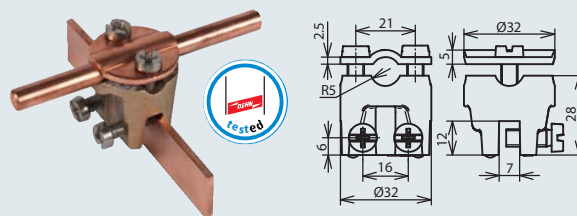
Part No.	365 020	365 027
Clamping range of flange	0.7-10 mm	0.7-10 mm
Material of clamp	St/tZn	Cu
Material thickness (t1)	3 mm	3 mm
Clamping range Rd	6-10 mm	6-10 mm
Screw	 M6x16 /  M8x20 mm	 M6x16 /  M8x20 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

**Bimetallic, for Cu seams,
with intermediate plate (Cupal)**



Part No.	365 117
Clamping range of flange	0.7-8 mm
Material of clamp	St/tZn / Cu
Clamping range Rd	6-10 mm
Screw	 M8x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

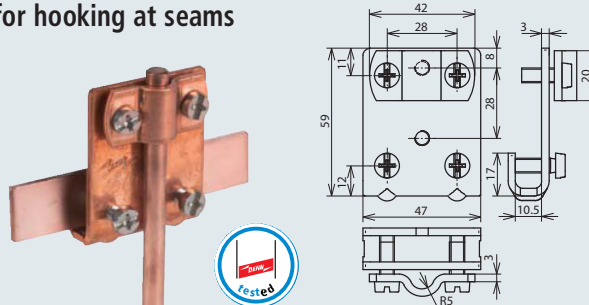
With two-screws-cleat, e.g. for standing seams



Longitudinal or crosswise conductor leading

Part No.	365 000	365 007
Clamping range of flange	0.7-6 mm	0.7-6 mm
Material of clamp	ZDC	RCB
Clamping range Rd	7-10 mm	7-10 mm
Screw	 M6x16 mm	 M6x16 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

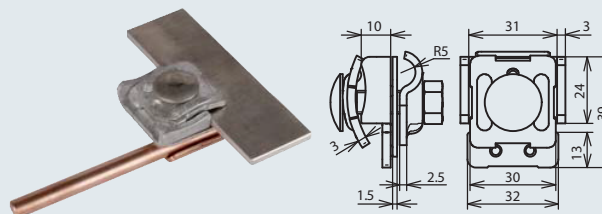
**With two-screws-cleat,
for hooking at seams**



Close to a roof or wall area
Longitudinal and crosswise conductor leading

Part No.	365 040	365 047
Clamping range of flange	0.7-10 mm	0.7-10 mm
Material of clamp	St/tZn	Cu
Material thickness (t1)	3 mm	3 mm
Clamping range Rd	7-10 mm	7-10 mm
Screw	 M6x16 mm	 M6x16 mm
Material of screw/nut	StSt	StSt
Standard	EN 50164-1	EN 50164-1

**Bimetallic, for St/tZn seams,
with intermediate plate (Cupal)**

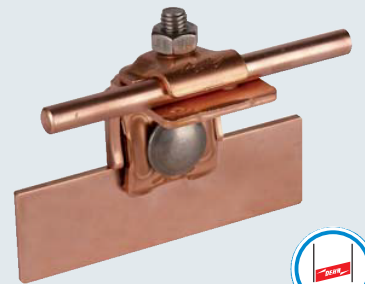
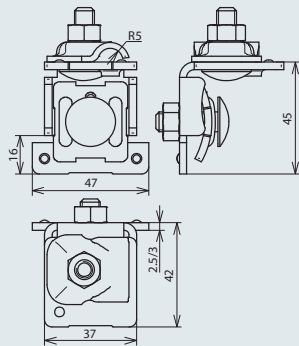


Part No.	365 127
Clamping range of flange	0.7-8 mm
Material of clamp	Cu / St/tZn
Clamping range Rd	6-10 mm
Screw	⬆ M8x35 mm
Material of screw/nut	StSt

Clamps for connecting conductors to standing seams;
enlarged contact surface



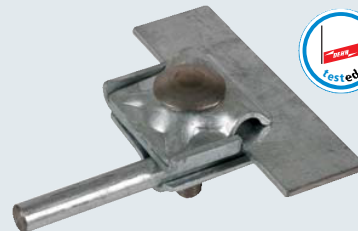
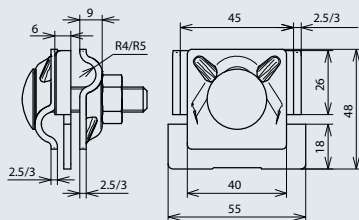
Angled



Longitudinal or cross connection

Part No.	365 050	365 051	365 057	365 059
Clamping range of seam	0.7-8 mm	0.7-8 mm	0.7-8 mm	0.7-8 mm
Material of clamp	St/tZn	Al	Cu	StSt
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm	6-10 mm
Screw	⬆ M8x25 mm	⬆ M8x25 mm	⬆ M8x25 mm	⬆ M8x25 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Material thickness	3/3 mm	3/3 mm	3/3 mm	2.5/2.5 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

Straight



Longitudinal or crosswise connection

Part No.	365 220	365 221	365 227	365 229
Clamping range of seam	0.7-10 mm	0.7-10 mm	0.7-10 mm	0.7-10 mm
Material of clamp	St/tZn	Al	Cu	StSt
Clamping range Rd	8-10 mm	8-10 mm	8-10 mm	8-10 mm
Screw	⬆ M10x45 mm	⬆ M10x45 mm	⬆ M10x45 mm	⬆ M10x45 mm
Material of screw/nut	StSt	StSt	StSt	StSt
Material thickness	3/2.5 mm	3/3 mm	3/3 mm	2.5/2.5 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1



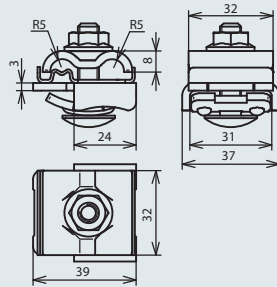
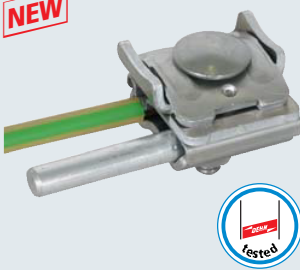
Saddle clamp for integrating the mounting systems e.g. of PV systems into the functional equipotential bonding/functional earthing (optionally black conductor) and lightning equipotential bonding according to IEC/EN 62305-3.

The StSt contact plate (intermediate element) allows for different materials of conductors (Cu, Al, St/tZn and StSt) to be connected to the usual mounting systems, e.g. to aluminium, without the risk of contact corrosion.

The double cleat design allows for easy and quick interconnection of the profiles, e.g. by feed-through wiring.

With screw M8 and locking nut

NEW



Part No.	365 250
Clamping range of saddle	0.7-8 mm
Material of clamping bracket	Al
Material thickness	3 mm
Clamping range Rd	8-10 mm
Connection (solid/stranded)	4-50 mm ²
Material of double cleat	StSt
Screw	M8x35 mm
Material of screw/nut	StSt
Standard	EN 50164-1

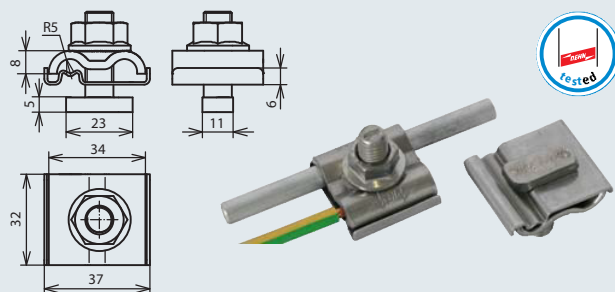
Earthing clamps for integrating the mounting systems e.g. of PV systems into the functional equipotential bonding/functional earthing (optionally black conductor) and lightning equipotential bonding according to IEC/EN 62305-3.

The StSt contact plate (intermediate element) allows for different materials of conductors (Cu, Al, St/tZn and StSt) to be connected to the usual mounting systems, e.g. to aluminium, without the risk of contact corrosion.

The double cleat design allows for easy and quick interconnection of the profiles, e.g. by feed-through wiring.

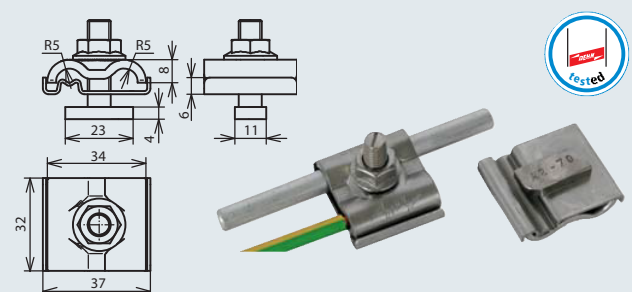


With hammer-head bolt M10 and locking nut



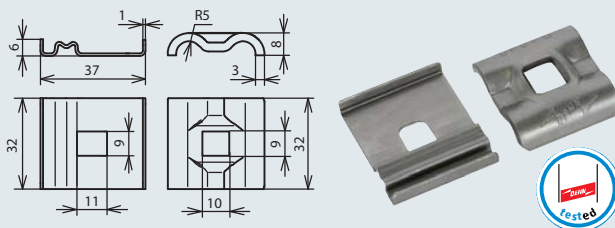
Part No.	540 260
Material of clamp	StSt
Clamping range Rd	8-10 mm
Connection (solid/stranded)	4-50 mm ²
Screw	hammer-head bolt M10x30 mm
Material of screw/nut	StSt
Standard	EN 50164-1

With hammer-head bolt M8 and locking nut



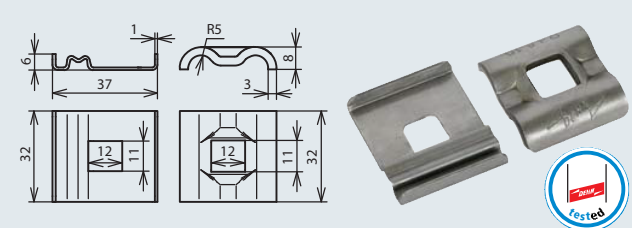
Part No.	540 250
Material of clamp	StSt
Clamping range Rd	8-10 mm
Connection (solid/stranded)	4-50 mm ²
Screw	hammer-head bolt M8x30 mm
Material of screw/nut	StSt
Standard	EN 50164-1

Contact plate and double cleat, with square hole for screw M8 (separate)



Part No.	540 251
Material of clamp	StSt
Clamping range Rd	8-10 mm
Connection (solid/stranded)	4-50 mm ²
Standard	EN 50164-1

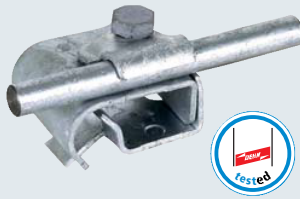
Contact plate and double cleat, with square hole for screw M10 (separate)



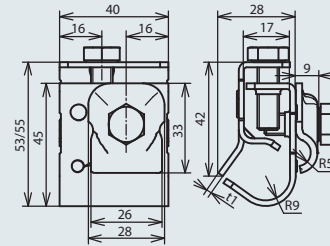
Part No.	540 261
Material of clamp	StSt
Clamping range Rd	8-10 mm
Connection (solid/stranded)	4-50 mm ²
Standard	EN 50164-1

Clamps for connecting conductors to gutters of the same or of different materials

With clamping frame



Longitudinal or crosswise conductor leading

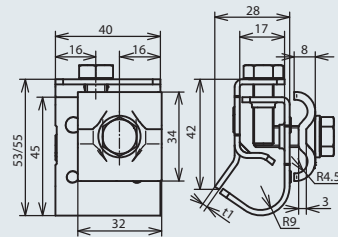


Part No.	339 060	339 061	339 067	339 069
Clamping range of bead	16-22 mm	16-22 mm	16-22 mm	16-22 mm
Material of clamp	St/tZn	Al	Cu	StSt
Clamping range Rd	6-10 mm	6-10 mm	6-10 mm	6-10 mm
Material of cleat	St/tZn	Al	Cu	StSt
Width / material thickness (t1)	40 mm	40 / 3 mm	40 / 2 mm	40 / 2 mm
Screw	⚙ M8x20/25 mm	⚙ M8x20/25 mm	⚙ M8x20/25 mm	⚙ M8x20/25 mm
Material of screw	St/tZn	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

With double cleat

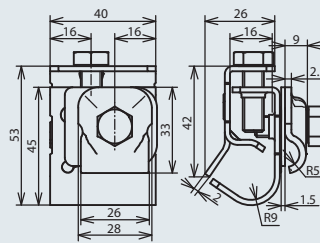
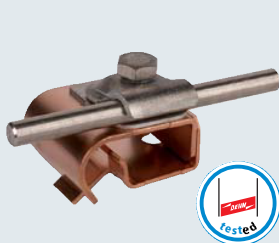


Longitudinal or crosswise conductor leading



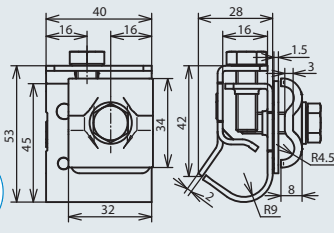
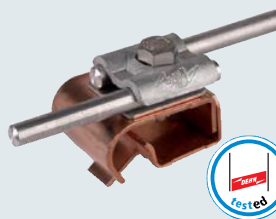
Part No.	339 050	339 051	339 057	339 059
Clamping range of bead	16-22 mm	16-22 mm	16-22 mm	16-22 mm
Material of clamp	St/tZn	Al	Cu	StSt
Clamping range Rd	8-10 mm	8-10 mm	8-10 mm	8-10 mm
Material of cleat	St/tZn	StSt	Cu	StSt
Width / material thickness (t1)	40 / 2 mm	40 / 3 mm	40 / 2 mm	40 / 2 mm
Screw	⚙ M8x20/25 mm	⚙ M8x20/25 mm	⚙ M8x20/25 mm	⚙ M8x20/25 mm
Material of screw	St/tZn	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

Bimetallic, for gutters Cu, with clamping frame (St/tZn) and intermediate plate (Cupal)



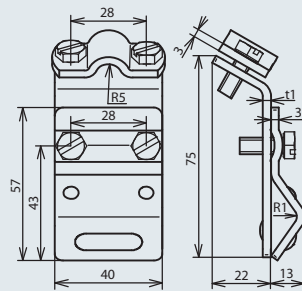
Part No.	339 167
Clamping range of bead	16-22 mm
Material of clamp	Cu / St/tZn
Clamping range Rd	6-10 mm
Screw	⚙ M8x20 mm
Material of screw	StSt
Standard	EN 50164-1

Bimetallic, for gutters Cu, with double cleat (St/tZn) and intermediate plate (Cupal)

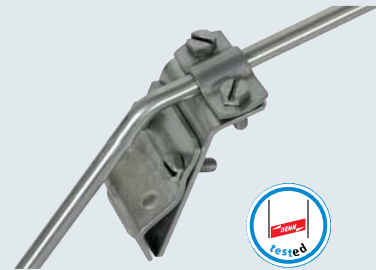


Part No.	339 157
Clamping range of bead	16-22 mm
Material of clamp	Cu / St/tZn
Clamping range Rd	8-10 mm
Screw	⚙ M8x25 mm
Material of screw	StSt
Standard	EN 50164-1

With two-screws-cleat, width 40 mm



Longitudinal conductor leading

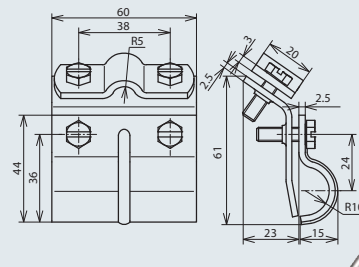


Part No.	338 000	338 001	338 007	338 009
Clamping range of bead	13-25 mm	13-25 mm	13-25 mm	13-25 mm
Material of clamp	St/tZn	Al	Cu	StSt
Clamping range Rd	7-10 mm	7-10 mm	7-10 mm	7-10 mm
Material of cleat	St/tZn	Al	Cu	StSt
Width / material thickness (t1)	40 / 3 mm	40 / 3 mm	40 / 3 mm	40 / 2,5 mm
Screw	⚙ M6x16 / M6x10 mm	⚙ M6x16 mm	⚙ M6x16 / M6x10 mm	⚙ M6x16 mm
Material of screw	StSt	StSt	StSt	StSt
Standard	EN 50164-1	EN 50164-1	EN 50164-1	EN 50164-1

With two-screws-cleat, width 60 mm

Longitudinal conductor leading

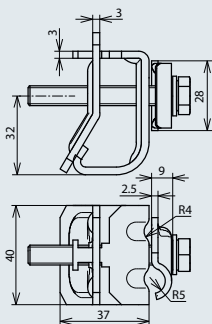
Part No.	339 010
Clamping range of bead	13-25 mm
Material of clamp	St/tZn
Clamping range Rd	7-10 mm
Material of cleat	St/tZn
Width / material thickness (t1)	60 / 2.5 mm
Screw	⚙ M6x20 mm
Material of screw	StSt
Standard	EN 50164-1



Gutter Clamps with Single-screw Technique

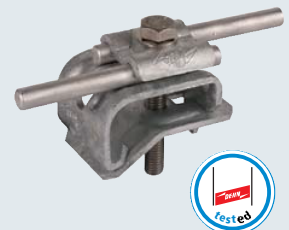
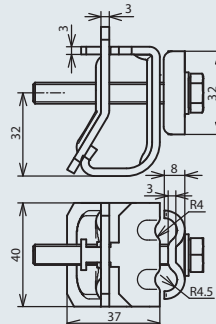
Clamps for connecting conductors to gutters

With clamping frame



Part No.	339 100	339 101
Clamping range of bead	16-22 mm	16-22 mm
Material of clamp	St/tZn	Al
Clamping range Rd	8-10 mm	8-10 mm
Width	40 mm	40 mm
Screw	⚙ M8x60 mm	⚙ M8x60 mm
Material of screw	StSt	StSt
Standard	EN 50164-1	EN 50164-1

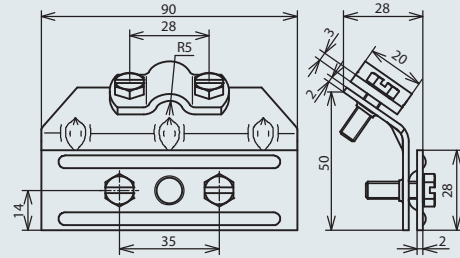
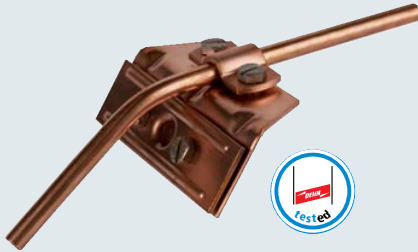
With double cleat



Part No.	339 110	339 111
Clamping range of bead	16-22 mm	16-22 mm
Material of clamp	St/tZn	Al
Clamping range Rd	8-10 mm	8-10 mm
Width	40 mm	40 mm
Screw	⚙ M8x60 mm	⚙ M8x60 mm
Material of screw	StSt	StSt
Standard	DIN EN 50164-1	DIN EN 50164-1



Clamps for connecting conductors to snow guards, longitudinal connection with two-screws-cleat

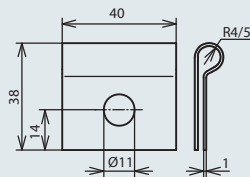


Part No.	343 000	343 007
Clamping range	3-13 mm	3-13 mm
Material of clamp	St/tZn	Cu
Width	90 mm	90 mm
Clamping range Rd	7-10 mm	7-10 mm
Screw	 M6x20 mm	 M6x20 mm
Material of screw	StSt	StSt
Standard	EN 50164-1	EN 50164-1

Clamping Shoes

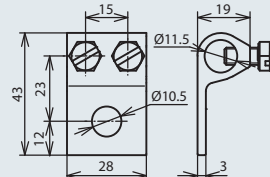
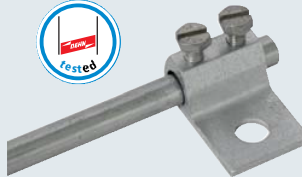
Clamping bushes for connecting conductors to construction parts

With bore



Part No.	345 008	345 010
Clamping range Rd	8 mm	10 mm
Material	St/tZn	St/tZn
Fixing bore Ø	11 mm	11 mm

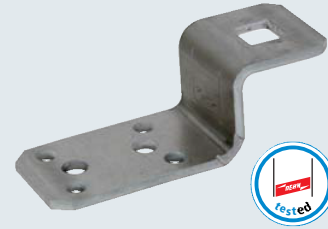
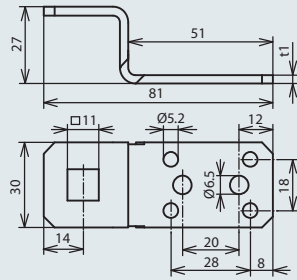
With screws



Part No.	347 205
Clamping range Rd	7-10 mm
Material	Al
Fixing bore Ø	10.5 mm
Screw	 M6x12 mm
Material of screw	StSt
Standard	EN 50164-1

Connection lug for the connection of metal claddings by blind rivets or screws

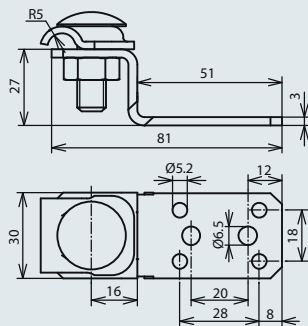
With square hole



Dimension 11x11 mm (e.g. for KS connector M10), longitudinal or crosswise connection

Part No.	377 005	377 017	377 009
Material of bracket	Al	Cu	StSt
Material thickness (t1)	3 mm	2 mm	2.5 mm
Fixing	[4x] Ø5.2 / [2x] Ø6.5 mm	[4x] Ø5.2 / [2x] Ø6.5 mm	[4x] Ø5.2 / [2x] Ø6.5 mm
Standard	EN 50164-1	EN 50164-1	EN 50164-1

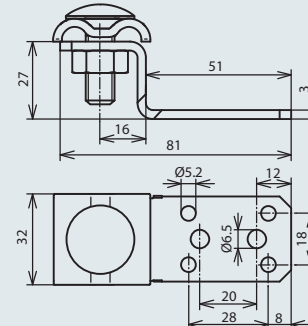
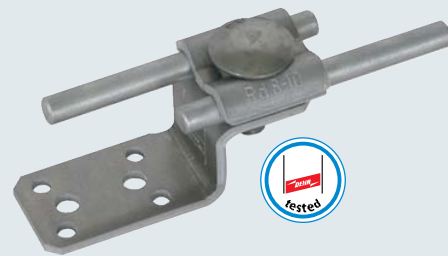
With clamping frame



For conductors Rd 6-10 mm, longitudinal or crosswise connection

Part No.	377 100
Material of bracket	Al
Material thickness (t1)	3 mm
Fixing	[4x] Ø5.2 / [2x] Ø6.5 mm
Material of clamping frame	St/tZn
Screw	⬆ M10x30 mm
Material of screw/nut	StSt
Standard	EN 50164-1

With double cleat



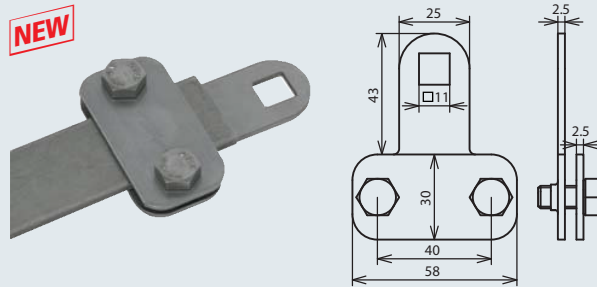
For conductors Rd 8-10 mm, longitudinal or crosswise connection

Part No.	377 200
Material of bracket	Al
Material thickness (t1)	3 mm
Fixing	[4x] Ø5.2 / [2x] Ø6.5 mm
Material of double cleat	Al
Screw	⬆ M10x30 mm
Material of screw/nut	StSt
Standard	EN 50164-1



Clamping piece for connecting flat material to construction parts, or e.g. to terminal clamps for steel girders (without bore in the flat strip).

NEW



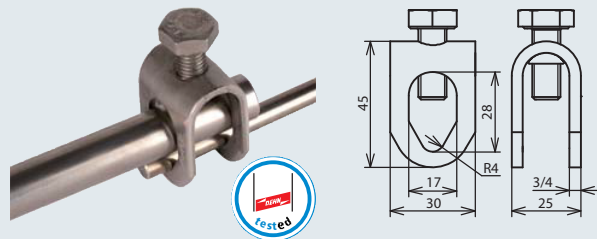
Part No.	380 129
Clamping range Fl	-30x4 mm
Material	StSt
Fixing	square hole 11x11 mm
Screw	M8x16 mm
Material of screw	StSt
Standard	EN 50164-1

Rod Clamps



Rod clamps for connecting air-termination rods to conductors for longitudinal connection of all conductor materials

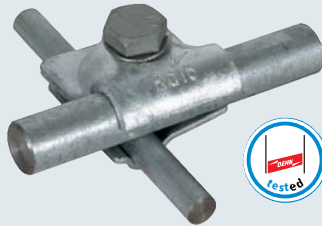
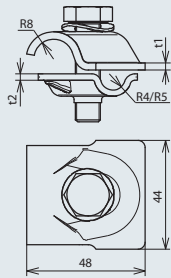
For cross connection (crosswise arrangement) only of St/tZn and StSt



Part No.	380 020	380 029
Material of clamp	St/tZn	StSt
Clamping range Rd / Rd	8-10 / 16 mm	8-10 / 16 mm
Screw	M10x25 mm	M10x25 mm
Material of screw	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1

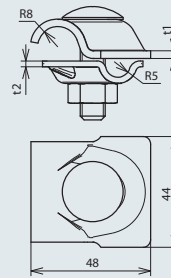
Multi-purpose connecting clamp for universal use as a cross clamp, T clamp and parallel clamp; two-piece

With hexagon screw, spring washer and thread in the base part



Part No.	392 050	392 059
Material of clamp	St/tZn	StSt
Clamping range Rd	8-10/16 mm	8-10/16 mm
Material thickness (t1 / t2)	3/2.5 mm	3/2.5 mm
Screw	M10x40 mm	M10x40 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1

With truss head screw and rotation locking



Part No.	392 060	392 069
Material of clamp	St/tZn	StSt
Clamping range Rd	8-10/16 mm	8-10/16 mm
Material thickness (t1 / t2)	3/2.5 mm	3/2.5 mm
Screw	M10x40 mm	M10x40 mm
Material of screw/nut	St/tZn	StSt
Standard	EN 50164-1	EN 50164-1

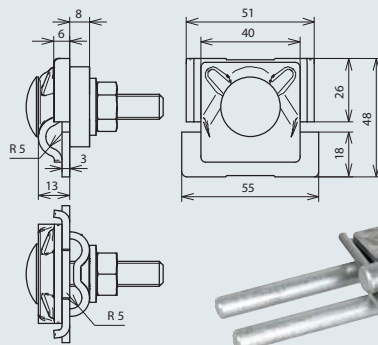
FS Clamps (Air-termination Rod Clamps)



Air-termination rod clamp for connecting air-termination rods to one or two conductors

Connection of two conductors for a better distribution of the lightning current. Allows for a reduction of the separation distance. With special pressure disk for longitudinal and cross connection.

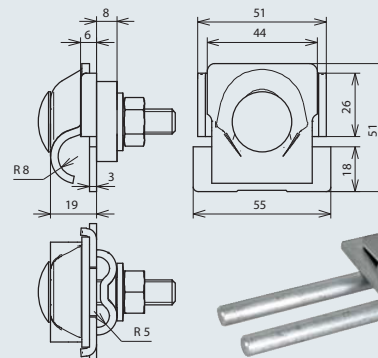
For air-termination rod 10 mm



With truss head screw, disk, nut and double cleat

Part No.	380 110
Material of clamp	Al
Clamping range of air-termination rod	8-10 mm
Clamping range Rd	2x 8-10 mm
Screw	M10x50 mm
Material of screw/nut	StSt
Material of pressure disk	St/tZn
Standard	EN 50164-1

For air-termination rod 16 mm



With truss head screw, disk, nut and double cleat

Part No.	380 116
Material of clamp	Al
Clamping range of air-termination rod	16 mm
Clamping range Rd	2x 8-10 mm
Screw	M10x50 mm
Material of screw/nut	StSt
Material of pressure disk	St/tZn
Standard	EN 50164-1