



Technical notes on the various crimping types

	Crimping	Designation	Crimping range
	Hexagonal crimping	for crimping tubular copper cable lugs and connectors "standard type", tubular cable lugs for switchgear connections, compression cable lugs and connectors to DIN 46235/DIN 46267, aluminum cable lugs and connectors	6 – 1000 mm ²
	Indent crimping	for crimping tubular copper cable lugs and connectors "standard type", tubular cable lugs for switchgear connections, solderless terminals to DIN 46234 and pin cable lugs to DIN 46230, insulated solderless terminals, tubular cable lugs and connectors for fine stranded conductors, nickel tubular cable lugs and connectors, stainless steel tubular cable lugs and connectors	0.75 – 400 mm ²
	Oval crimping	for crimping tubular double compression cable lugs, C-clamps, insulated tubular cable lugs and connectors, insulated pin cable lugs and compression joints to DIN 48217, insulated cable connectors	0.1 – 185 mm ²
	Indent crimping	for crimping copper tubular cable lugs and connectors "standard type", tubular cable lugs for switchgear connections, tubular cable lugs and connectors for fine stranded conductors	6 – 400 mm ²
	Double indent crimping	for crimping copper tubular cable lugs and connectors "standard type", tubular cable lugs for switchgear connections, nickel tubular cable lugs and connectors, stainless steel tubular cable lugs and connectors	4 – 95 mm ²
	Trapezoid crimping	for crimping cable end-sleeves and twin cable end-sleeves	0.14 – 240 mm ²
	Indent crimping	for crimping cable end-sleeves and twin cable end-sleeves	0.5 – 35 mm ²
	Square crimping	for crimping cable end-sleeves and twin cable end-sleeves	0.14 – 16 mm ²
	Roll crimping	for crimping non-insulated receptacles and cable end-sleeves DIN 46228, part 2	0.1 – 6 mm ²
	Round crimping	for crimping cable end-sleeves and twin cable end-sleeves	0.14 – 16 mm ²
		of 90° and 120° sector-shaped conductors	10 sm – 300 sm 35 se – 300 se
	Quad-point indent crimping	for crimping copper tubular cable lugs and connectors "standard type", tubular cable lugs for switchgear connections, tubular cable lugs and connectors for fine stranded conductors	10 – 300 mm ²
	Four point crimping	for crimping turned pin receptacles and pin connectors	0.1 – 4 mm ²
	Special trapezoid crimping	particularly for crimping cable end-sleeves with compacted fine stranded conductors	10 - 240 mm ²
	Gas-tight oval crimping	Crimp quality according to automotive standards	

Legend of pictograms used for type of conductors

Type of cables	
	Solid conductor (class 1 according to DIN EN 60228) made of bright or coated soft-annealed copper, aluminium or aluminium alloy
	Multi-stranded conductor (class 2 according to DIN EN 60228) made of bright or coated soft-annealed copper, aluminium or aluminium alloy
	Compacted multi-stranded conductor (class 2 according to DIN EN 60228) made of bright or coated soft-annealed copper, aluminium or aluminium alloy
	Fine stranded conductor (class 5 according to DIN EN 60228) made of bright or coated soft-annealed copper
	Superfine stranded conductor (class 6 according to DIN EN 60228) made of bright or coated soft-annealed copper
	Solid sector shaped conductor 120° (class 1 according to DIN EN 60228) made of aluminium or aluminium alloy

Type of cables	
	Solid sector shaped conductor 90° (class 1 according to DIN EN 60228) made of aluminium or aluminium alloy
	Compacted multi-stranded sector shaped conductor 120° (class 2 according to DIN EN 60228) made of bright or coated soft-annealed copper, aluminium or aluminium alloy
	Compacted multi-stranded sector shaped conductor 90° (class 2 according to DIN EN 60228) made of bright or coated soft-annealed copper, aluminium or aluminium alloy
	Copper conductor for overhead lines (DIN 48201-1) and aluminium or aluminium alloy conductors (DIN EN 50182)
	Conductor for overhead lines (DIN EN 50182) made of aluminium / steel