Z+F
Zoller+Fröhlich

Wiring Accessories

Crimping Tools

Crimping Tools			
Part Number	**Description**	**Weight**	**Price**
K70ZA000113	Crimping tool for use with single ferrules AWG 20 - 10 [0.5 - 6 mm²] and twin ferrules AWG 2 x 18 - 2 x 12 [2 x 0.75 - 2 x 4 mm²]. 5 crimping positions. With and without insulating collar. Conforms to DIN 46228 part 1 and 2.	0.74 lb [335g]	
K70ZA000117	Crimping tool for use with single ferrules AWG 10 - 4 [6 - 25 mm²] and twin ferrules AWG 2 x 12 - 2 x 8 [2 x 4 - 2 x 10 mm²]. 4 crimping positions. Conforms to DIN 46228 part 1 and 4.	1.19 lb [540g]	
K70ZA000118	Crimping tool for use with single ferrules AWG 2 - 1 [35 - 50 mm²] and twin ferrules AWG 2 x 6 [2 x 16 mm²]. 2 crimping positions. Conforms to DIN 46228 part 1 and 4.	1.19 lb [540g]	
K70ZA000130	Crimping tool for PVC-insulated terminals AWG 20 - 10 [0.5 - 6 mm²]. 3 crimping positions.	1.12 lb [510g]	

Note: Z&F crimping tools recommended by the ferrule manufacturer before terminating in terminal blocks, wire connectors, or end-product terminals (such as starters, etc.).

K70ZA000113

K70ZA000117

K70ZA000118

K70ZA000130

Crimping Tools Cross Reference				
Part Number		**K70ZA000113**	**K70ZA000117**	**K70ZA000118**
Standard	**DIN**			
V30AE000006	V30AE000038	X	—	—
V30AE000009	V30AE000041	X	—	—
V30AE000013	V30AE000045	X	—	—
V30AE000016	V30AE000048	X	—	—
V30AE000017	V30AE000049	X	—	—
V30AE000052	V30AE000052	X	—	—
V30AE000053	V30AE000053	X	—	—
V30AE000055	V30AE000055	X	—	—
V30AE000056	V30AE000056	X	—	—
V30AE000025	V30AE000058	X	X	—
V30AE000026	V30AE000059	X	X	—
V30AE000027	V30AE000060	—	X	—
V30AE000028	V30AE000061	—	X	—
V30AE000029	V30AE000062	—	X	—
V30AE000030	V30AE000063	—	X	—
V30AE000031	V30AE000064	—	X	—
V30AE000033	V30AE000067	—	—	X
V30AE000035	V30AE000070	—	—	X
V30AE001134	V30AE001145	X	—	—
V30AE000606	V30AE000607	X	—	—
V30AE000733	V30AE000734	X	—	—
V30AE000608	V30AE000609	X	—	—
V30AE000735	V30AE000736	X	—	—
V30AE000623	V30AE000625	X	—	—
V30AE000737	V30AE000738	X	—	—
V30AE000611	V30AE000611	X	—	—
V30AE000748	V30AE000748	X	—	—
V30AE001148	V30AE001148	X	X	—
V30AE001139	V30AE001150	—	X	—
V30AE001141	V30AE001152	—	X	—
V30AE001143	V30AE001154	—	—	X

Single Ferrules (rows V30AE000006 through V30AE000035)
Twin Ferrules (rows V30AE001134 through V30AE001143)

Wiring Accessories – Crimping Tools

Crimping Tools Overview

Our high-quality industrial crimping tools are designed to crimp a wide range of insulated and non-insulated crimping terminals, ferrules, and connectors. They feature ergonomic handles and controlled-cycle ratcheting mechanisms to guarantee a uniform crimp every time. Choose from fixed or interchangeable die tools or tool/die sets with multiple dies.

Interchangeable-Die Crimping Tools			
Part #	Description *	Qty	Price
DN-CT-HDL	Crimping tool handle for DN-CT-Dx dies (dies NOT included) Approximate dimensions: 9.75 x 2.52 x 0.95 in (234 x 64 x 24 mm); 16.2 oz (460g)	1	
DN-CT-D1	Die set for DN-CT-HDL; 26-22 & 12-10 AWG (0.1-0.4 & 4-6 mm²) green & yellow insulated terminals	1	
DN-CT-D2	Die set for DN-CT-HDL; 22-14 AWG (0.5-2.5 mm²) red & blue insulated terminals	1	
DN-CT-D3	Die set for DN-CT-HDL; 22-10 AWG (0.5-6 mm²) non-insulated terminals	1	
DN-CT-D4	Die set for DN-CT-HDL; 24-8 AWG (0.25-10 mm²) wire ferrules	1	
DN-CT-D5	Die set for DN-CT-HDL; 6-4 AWG (16-25 mm²) wire ferrules	1	
DN-CT-D6	Die set for DN-CT-HDL; 2-1/0 AWG (35-50 mm²) wire ferrules	1	
DN-CT-D7	Die set for DN-CT-HDL; 22-10 AWG (0.5-6 mm²) open barrel non-insulated terminals	1	
DN-CT-D8	Die set for DN-CT-HDL; 8-pin (RJ45) modular plugs	1	
DN-CT-D9	Die set for DN-CT-HDL; 6-pin (RJ11/RJ12) modular plugs	1	
DN-CT-SET	Crimping tool modular system; includes handle and three die sets (DN-CT-HDL + DN-CT-D2 + DN-CT-D4 + DN-CT-D5) The die pairs are held together for easy handling, and interchange without separate tools.	1	

* The DN-CT-xx series features a crimping tool with multiple interchangeable dies separately available. The die pairs are held together for easy handling, and can be interchanged without separate tools.

DN-CT-HDL Crimping Tool
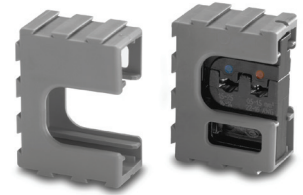
DN-CT-SET Crimping Tool & Die Set

Wiring Accessories – Crimping Tool

DN-CT-Dx Interchangeable Crimping Dies
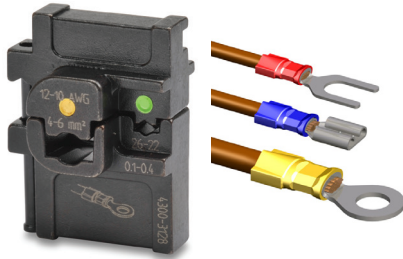## (for DN-CT-xxx crimping tool only)

These dies are held together for easy handling, and can be interchanged without additional tools.

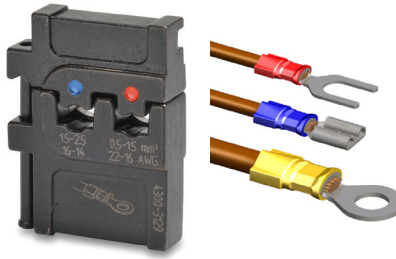All DN-CT-Dx dies have been tested on leading brands of connectors to ensure quality connections.

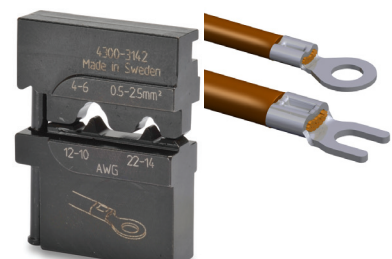Dies come in modular holders that can be connected together when not in use.

DN-CT-Dx die & holder

DN-CT-D1 (4300-3128)
Insulated Terminals & Connectors
26–22 AWG & 12–10 AWG
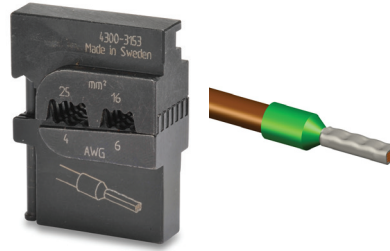[Green & Yellow]   (0.1–0.4 & 4–6 mm²)

DN-CT-D2 (4300-3129)
Insulated Terminals & Connectors
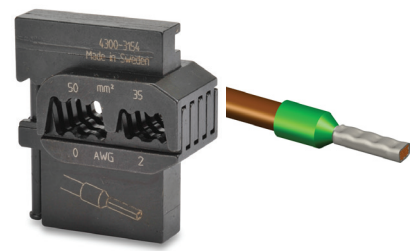22–14 AWG
[Red & Blue]   (0.5–2.5 mm²)

DN-CT-D3 (4300-3142)
Non-Insulated Terminals & Connectors
22–10 AWG   (0.5–6 mm²)

DN-CT-D4 (4300-3127)
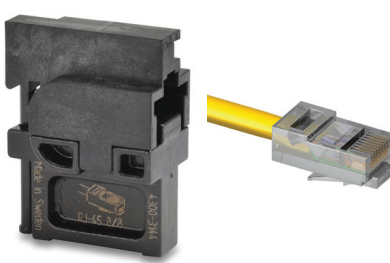Wire Ferrules
24–8 AWG   (0.25–10 mm²)

DN-CT-D5 (4300-3153)
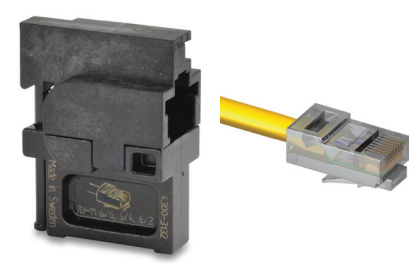Wire Ferrules
6–4 AWG   (16–25 mm²)

DN-CT-D6 (4300-3154)
Wire Ferrules
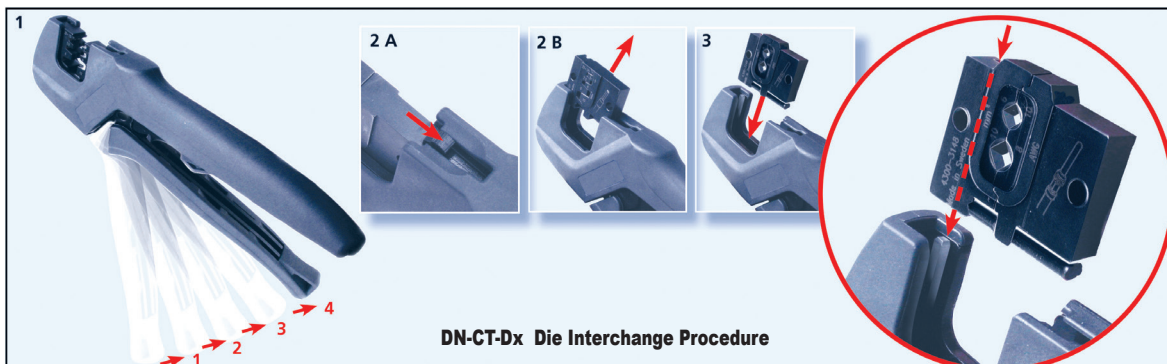2–1/0 AWG   (35–50 mm2)

DN-CT-D7 (4300-3146)
Non-Insulated Open-Barrel Terminals
22–10 AWG   (0.5–6 mm²)

DN-CT-D8 (4300-3144)
8-pin Modular Plugs
RJ45

DN-CT-D9 (4300-3132)
6-pin Modular Plugs
RJ11/RJ12

DN-CT-Dx Die Interchange Procedure

Terminal Blocks

Wiring Accessories – Self-Adjusting Crimping Tools

Lightweight, compact, comfortable and self-adjusting tool for crimping ferrules/wire end sleeves.

**Square
DN-FE-16S**
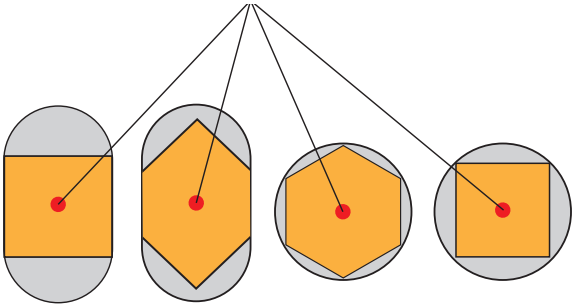
**Hexagonal
DN-FE-16H**

Features

- Ratchet (with emergency release) to ensure crimps are completed according to specification
- Well balanced to avoid slipping out of the hand
- Non-slip grip pad for applying pressure against a surface
- Ergonomically shaped handles with hardness and surface textures selected for comfortable frequent use
- Low handle force for larger ferrule sizes
- Compact and light-weight design for easy access within confined spaces
- Hole for attaching a safety strap
- Square or Hexagonal crimp profile

Self-Adjusting Crimping Tools Specifications

Connectors	Insulated and non-insulated ferrules/wire end sleeves
Capacity	0.14 - 10.0 mm²/AWG 26-8
Crimp Length	Up to 0.47 in [12mm]
Lifespan	Tested to 50,000 cycles
Length	6.93 in [176mm]
Width	1.02 in [26mm]
Height	2.44 in [62mm]
Handle spread (closed)	1.81 in [46mm]
Handle spread (open)	5.59 in [142mm]
Weight	Square: 0.80 lb [362g] Hexagonal: 0.81 lb [371g]

Self-Adjusting Crimping Tools

Part Number	Description	Price
DN-FE-16S	Wire crimping tool, self-adjusting, square profile, 26 to 8 AWG capacity. For use with insulated and non-insulated wire ferrules.	
DN-FE-16H	Wire crimping tool, self-adjusting, hexagonal profile, 26 to 8 AWG capacity. For use with insulated and non-insulated wire ferrules.	

The finished square and hexagonal crimps have the same cross-sectional area. Choosing between the square and hexagonal crimp tools depends on the shape of the hole where the wire will be inserted. Square crimps fit better in rectangular holes while hexagonal crimps fit better in round holes.

Wiring Accessories – Self-Adjusting Crimping Tool with Rotatable Die

Lightweight, compact, comfortable and self-adjusting tool for crimping ferrules/wire end sleeves

Features

- Rotatable die for front or side crimping
- Ratchet (with emergency release) to ensure crimps are completed according to specification
- Well balanced to avoid slipping out of the hand
- Non-slip grip pad for applying pressure against a surface

- Ergonomically shaped handles with hardness and surface textures selected for comfortable frequent use
- Low handle force for larger ferrule sizes
- Compact and light-weight design for easy access within confined spaces
- Hole for attaching a safety strap
- Trapezoidal crimp profile

DN-FE-16T

DN-FE-16T in Side Crimp Setting

DN-FE-16T in Front Crimp Setting

Self-Adjusting Crimping Tool with Rotatable Die Specifications	
Connectors	Insulated and non-insulated ferrules/wire end sleeves
Capacity	0.14 - 10.0 mm² / AWG 26-8
Crimp Length	Up to 0.47 in [12mm]
Lifespan	Tested to 50,000 cycles
Length	7.09 in [180mm]
Width	1.02 in [26mm]
Height	2.56 in [65mm]
Handle spread (closed)	1.81 in [46mm]
Handle spread (open)	5.31 in [135mm]
Weight	0.66 lb [300g]

Self-Adjusting Crimping Tools		
Part Number	Description	Price
DN-FE-16T	Wire crimping tool, self-adjusting, rotatable die, trapezoidal profile, 26 to 8 AWG capacity. For use with insulated and non-insulated wire ferrules.	

Wiring Accessories – Cutting & Stripping Tools

Wire Cutting and Stripping Tools

Part Number	Description	Qty	Price
DN-WS	Cutting and stripping tool with replaceable blades and jaw inserts; includes (1) DN-WSJ blade. Approximate dimensions: 7.5 x 4.8 x 0.8 in [191 x 123 x 20 mm]; Weight: 4.8 oz (136g)	1	
DN-WSJ	DN-WS replacement straight-blade insert; for PVC insulations; 34-8 AWG [0.02-10 mm²]	1	
DN-WSMMC	DN-WS 16 mm² blade insert; 10-5 AWG [4-16 mm²]	1	
DN-WSVBC	DN-WS V-blade insert; for harder insulations such as PTFE & PVC; 28-12 AWG [0.1-4 mm²]	1	
DN-WSRJ	DN-WS replacement jaw inserts	2	
DN-CST	Cable stripping tool; cable diameters 0.1-0.43 in [2.5-11 mm] with insulation up to 0.04 in [1.0 mm] thick. Approximate dimensions: 3.6 x 1.6 x 0.8 in [90.5 x 39.5 x 19 mm]; Weight: 0.9 oz [28g]	1	
DN-CST-BLADE	DN-CST replacement blade	1	

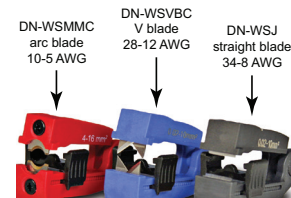### Self-Adjusting Cut and Strip Tool DN-WS

- Widest stripping capacity of any tool of its type
- Easily interchangeable stripping cassettes are available for stripping a wide range of most modern insulation types, from PVC to PTFE; color coded by stripping blade type
- No additional tools required to change stripping blade cassettes
- Precise adjustability allows stripping of various insulation thicknesses without damage to conductors
- Easy snag-free wire removal after stripping
- Ergonomic design with soft-grip handle
- Light weight and strong; molded in high-strength plastic with twice the strength of standard nylon; tested 150k cycles
- Cutting capacity:
  Stranded conductors to 8AWG (10 mm²)
  Solid conductors to 16AWG (1.5 mm²)
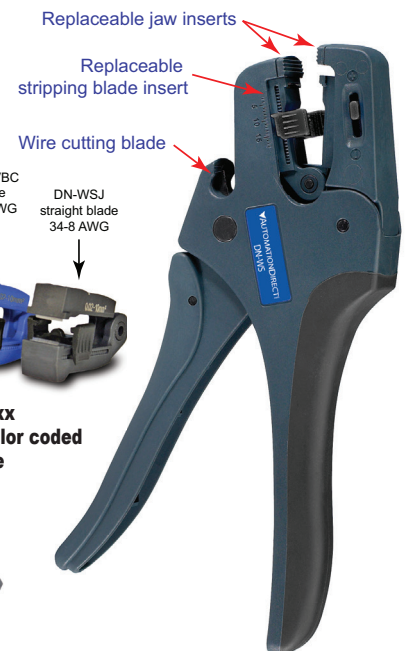

DN-WS stripping blade replacement

DN-WSMMC
arc blade
10-5 AWG

DN-WSVBC
V blade
28-12 AWG

DN-WSJ
straight blade
34-8 AWG

DN-WSxxx
Blade inserts color coded by type

DN-WS wire cutting

DN-WSRJ

DN-WS Cutting & Stripping Tool

Replaceable jaw inserts
Replaceable stripping blade insert
Wire cutting blade

Cable Stripping Tool DN-CST

Small, simple, safe, and precise tool for removing insulation from copper and fiber optic audiovisual, data transmission, instrumentation, signal, and telephone cables.

- Precise: 9-position blade height adjustment wheel for fine adjustability   and repeatability
- Easy to use: Squeeze the tool together to open the stripping cavity, insert cable, rotate once, and remove tool from cable. Separately pull scrap insulation off of cable.
- Safe: Smooth, rounded, pocketable, and lightweight design; no exposed blades
- Tough: Impact resistant nylon tested to over 50k cycles
- Economical: Replacement blades available
- Cable capacity: Ø 0.1-0.43 in [2.5-11 mm]
- Insulation thickness: Up to 0.04 in [1.0 mm]

DN-CST-BLADE
Replacement Blade

DN-CST Precision Stripping Tool
[Squeeze, insert cable, rotate, & remove]

Precision Stripping Tool
Easily replaceable blade