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Overview Han® crimping tools



Crimp contacts Series	Part number				mm ²	AWG	Crimping tools						Tools		
	male contact silver plated	female contact silver plated	male contact gold plated	female contact gold plated			09 99 000 0888	09 99 000 0110	09 99 000 0021	09 99 000 0303	09 99 000 0377	20 99 000 1035	removal tools		
Han D® Signal contacts 09 15 000 	6107	6207	6127	6227	0.14 - 0.25	26 - 24	x							09 99 000 0012	09 99 000 0052
	6104	6204	6124	6224					x	x					
	6107	6207	6127	6227	0.37	22	x								
	6104	6204	6124	6224			x	x	x						
	6103	6203	6123	6223	0.5	20	x	x	x						
	6105	6205	6125	6225	0.75	18	x	x	x						
	6102	6202	6122	6222	1.0	18	x	x	x						
	6101	6201	6121	6221	1.5	16	x	x	x						
6106	6206	6126	6226	2.5	14	x									
Han D® F.O. contacts 20 10 001	Male contact 3211 3212 / 3213		Female contact 3221 3222		1 mm POF							x			
Han E® Power contacts 09 33 000 	6127	6227	6117	6217	0.14 - 0.37	26 - 22	x							09 99 000 0319	
	6121	6220	6122	6222	0.5	20	x	x	x						
	6114	6214	6115	6215	0.75	18	x	x	x						
	6105	6205	6118	6218	1.0	18	x	x	x						
	6104	6204	6116	6216	1.5	16	x	x	x						
	6102	6202	6123	6223	2.5	14	x	x	x						
	6106	6206			3.0	12	x	x							
	6107	6207	6119	6221	4.0	12	x	x							
Han E® F.O. contacts 20 10 001	Male contact 3311		Female contact 3321		1 mm POF							x			
Han-Yellock® Power contacts 11 05 000 	6101	6201	6121	6221	0.14 - 0.37	26 - 22	x						09 99 000 0319		
	6102	6202	6122	6222	0.5	20	x	x	x						
	6103	6203	6123	6223	0.75	18	x	x	x						
	6104	6204	6124	6224	1.0	18	x	x	x						
	6105	6205	6125	6225	1.5	16	x	x	x						
	6106	6206	6126	6226	2.5	14	x	x	x						
	6107	6207	6127	6227	3.0	12	x	x							
	6108	6208	6128	6228	4.0	12	x	x							
Han® C Power contacts 09 32 000 	6104	6204			1.5	16	x	x					09 99 000 0305		
	6105	6205			2.5	14	x	x							
	6107	6207			4.0	12	x	x		x					
	6108	6208			6.0	10				x	x				
	6109	6209			10.0	8				x	x				
Description															
Locator Han D®	09 99 000 0022								x						
Locator Han E®	09 99 000 0022								x						
Locator Han-Yellock®	09 99 000 0341							x							
	09 99 000 0343								x						
Locator Han® C	09 99 000 0304									x					
Locator Han D®, Han E® and Han® C	09 99 000 0376							x							





Tools

90
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2

1) for Han® C power contacts, 10 mm²

Overview Han® crimping tools



Crimp contacts Series	Part number				mm ²	AWG	Crimping machines										
	male contact silver plated	female contact silver plated	male contact gold plated	female contact gold plated			09 99 000 0813 ³⁾	09 99 000 0814 ³⁾	09 98 000 6901 ¹⁾	09 98 000 6902 ¹⁾	09 98 000 8101	09 98 000 8102	09 98 000 8103	09 98 000 8107 ⁵⁾	09 98 000 9001	09 98 000 9002	09 98 000 9003
Han D® Signal contacts 09 15 000 	6107	6207	6127	6227	0.14 - 0.25	26 - 24											
	6104	6204	6124	6224			x		x ⁶⁾		x ⁶⁾					x	
	6107	6207	6127	6227	0.37	22											
	6104	6204	6124	6224			x	x	x							x	
	6103	6203	6123	6223	0.5	20	x	x	x						x		
	6105	6205	6125	6225	0.75	18	x	x	x						x		
	6102	6202	6122	6222	1.0	18	x	x	x						x		
	6101	6201	6121	6221	1.5	16	x	x	x						x		
6106	6206	6126	6226	2.5	14			x						x			
Han E® Power contacts 09 33 000 	6127	6227	6117	6217	0.14 - 0.37	26 - 22				x ⁶⁾	x ⁶⁾						x
	6121	6220	6122	6222	0.5	20	x		x	x							x
	6114	6214	6115	6215	0.75	18	x		x	x							x
	6105	6205	6118	6218	1.0	18	x		x	x							x
	6104	6204	6116	6216	1.5	16	x		x	x							x
	6102	6202	6123	6223	2.5	14	x		x	x							x
	6106	6206			3.0	12	x		x	x							x
	6107	6207	6119	6221	4.0	12	x		x	x							x
Han-Yellock® Power contacts 11 05 000 	6101	6201	6121	6221	0.14 - 0.37	26 - 22								x ⁶⁾			
	6102	6202	6122	6222	0.5	20	x								x		
	6103	6203	6123	6223	0.75	18	x								x		
	6104	6204	6124	6224	1.0	18	x								x		
	6105	6205	6125	6225	1.5	16	x								x		
	6106	6206	6126	6226	2.5	14	x								x		
	6107	6207	6127	6227	3.0	12	x										
	6108	6208	6128	6228	4.0	12	x										
Han® C Power contacts 09 32 000 	6104	6204			1.5	16	x							x			x
	6105	6205			2.5	14	x							x			x
	6107	6207			4.0	12	x							x			x
	6108	6208			6.0	10		x						x			x
	6109	6209			10.0	8		x						x			x
Description																	
Locator Han-Yellock®	09 99 000 0344						x										

1) TK-M basic machine 09 98 000 6900 is required
 3) basic unit CP 600 (09 99 000 0810) is required
 5) TC-SC basic machine 09 98 000 8000 is required
 6) depending on the wire

Details

The high end tool with best performance.

Details

for wire gauges from 0.14 und 0.25 mm² please use the contacts 09 15 000 6107, 6207, 6127 or 6227.

Identification

Part number

Crimping tool,
Han D®: 0.14 ... 2.5 mm²,
Han E®: 0.14 ... 4 mm²,
Han-*Yellowlock*®: 0.14 ... 4 mm²,
Han® C: 1.5 ... 4 mm²,

09 99 000 0888

Pack contents:
incl. Locator,
Handling instruction



Check gauge,
for crimping tool 09 99 000 0888,
for optional testing

09 99 000 0889



Locator,
Spare part,
for crimping tool 09 99 000 0888

09 99 000 0887

Details

Robust allrounder with very good performance.

Identification	Conductor cross-section (mm ²)	Part number
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HARTING standard crimping tool, Han D®: 0.14 ... 1.5 mm ² , Han E®: 0.5 ... 4 mm ² , Han- <i>Yellock</i> ®: 0.5 ... 4 mm ² , Han® C: 1.5 ... 4 mm ² , Pack contents: incl. Locator, Han D®, Han E®, Han® C, Please order Han- <i>Yellock</i> ® separately.	0,14 ... 4	09 99 000 0110
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Locator, Han- <i>Yellock</i> ®		09 99 000 0341
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Locator, Spare part, Han D®, Han E®, Han® C		09 99 000 0376
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Details

The service tool for on-site maintenance.

Identification	Conductor cross-section (mm ²)	Part number
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HARTING service crimping tool, Han D®: 0.14 ... 1.5 mm ² , Han E®: 0.5 ... 2.5 mm ² , Han- <i>Yellock</i> ®: 0.5 ... 2.5 mm ² , Pack contents: incl. Locator, Please order Han- <i>Yellock</i> ® separately.	0,14 ... 2,5	09 99 000 0021
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Locator, Spare part, Han D®, Han E®		09 99 000 0022
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Locator, Han- <i>Yellock</i> ®		09 99 000 0343
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Details

The professional tool for a wide contact range.

Identification	Conductor cross-section (mm ²)	Part number
HARTING crimping tool, Han [®] C: 4 ... 10 mm ² , Pack contents: incl. Locator, Han [®] C	4 ... 10	09 99 000 0303
Locator, Spare part, Han [®] C		09 99 000 0304
Locator, Han E [®] : 5.5 mm ²		09 99 000 0306
Locator, Han- <i>Yellock</i> [®] PE, Contacts 6 + 10 mm ²		09 99 000 0845









Details

The professional tool for big cross-sections.

Identification	Conductor cross-section (mm ²)	Part number
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HARTING crimping tool, Han® C: 6 ... 10 mm ² , Pack contents: incl. Locator	6 ... 10	09 99 000 0377
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Identification	Conductor cross-section (mm ²)	Part number	
HARTING pneumatic crimping tool CP 600 Please order tool head separately.		09 99 000 0810	
Footswitch, CP 600		09 99 000 0811	
Table fixing, CP 600		09 99 000 0812	
Tool head, Han D [®] : 0.14 ... 1.5 mm ² , Han E [®] : 0.5 ... 4 mm ² , Han- <i>Yellowlock</i> [®] : 0.5 ... 4 mm ² , Han [®] C: 1.5 ... 4 mm ² , Pack contents: incl. Locator, Han D [®] , Han E [®] , Han [®] C, Please order Han- <i>Yellowlock</i> [®] separately.	0,14 ... 4	09 99 000 0813	
Tool head, Han [®] C: 6 ... 10 mm ² , Pack contents: incl. Locator	6 ... 10	09 99 000 0814	
Locator, Han- <i>Yellowlock</i> [®] , for part number 09 99 000 0813		09 99 000 0344	

Identification	Conductor cross-section (mm ²)	Part number	
HARTING crimping tool, for 500 bandoliered standard contacts	0,09 ... 0,56	09 99 000 0169	
Crimping tool, for single stamped D-Sub contact	0,09 ... 0,56	09 99 000 0175	
Hand crimping tool, for turned male and female contact, 4 indent crimp in acc. to MIL 22 520/2-01	0,09 ... 0,82	09 99 000 0501	
Locator, for part number 09 99 000 0501		09 99 000 0531	

Specifications and approvals

DIN 46235

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
HARTING Battery hydraulic tool, Pressing force 60 kN, Crimp die acc. to DIN 46235 with pressing width 9 mm	10 ... 70	09 99 000 0850	
HARTING hydraulic handtool, Pressing force 60 kN, Crimp die acc. to DIN 46235 with pressing width 9 mm	10 ... 70	09 99 000 0851	
Crimp die, for 60 kN tool, Pack contents: Supplied as a pair	10	09 99 000 0852	
	16	09 99 000 0853	
	25	09 99 000 0854	
	35	09 99 000 0855	
	50	09 99 000 0856	
	70	09 99 000 0857	

Cross-section	Pressing width	Identification	Contacts
10 mm ²	9 mm	6	TC 70, TC 100
16 mm ²	9 mm	8	TC 70, TC 100
25 mm ²	9 mm	10	TC 70, TC 100, TC 200, TC 250, TC 350
35 mm ²	9 mm	12	TC 100, TC 200, TC 250, TC 350
50 mm ²	9 mm	14	TC 200, TC 250, TC 350
70 mm ²	9 mm	16	TC 200, TC 250, TC 350, TC 650

Specifications and approvals

DIN 46235

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
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HARTING Battery hydraulic tool,
Pressing force 120 kN,
Crimp die acc. to DIN 46235 with pressing
width 10 ... 14 mm

10 ... 240

09 99 000 0860



HARTING hydraulic handtool,
Pressing force 120 kN,
Crimp die acc. to DIN 46235 with pressing
width 10 ... 14 mm

10 ... 240

09 99 000 0861



Crimp die,
for 120 kN tool,
Pack contents:
Supplied as a pair

10
16
25
35
50
70
95
120
150
185
240

09 99 000 0862
09 99 000 0863
09 99 000 0864
09 99 000 0865
09 99 000 0866
09 99 000 0867
09 99 000 0868
09 99 000 0869
09 99 000 0870
09 99 000 0871
09 99 000 0872



Cross-section	Pressing width	Identification	Contacts
10 mm ²	10 mm	6	TC 70, TC 100
16 mm ²	10 mm	8	TC 70, TC 100
25 mm ²	10 mm	10	TC 70, TC 100, TC 200, TC 250, TC 350
35 mm ²	10 mm	12	TC 100, TC 200, TC 250, TC 350
50 mm ²	13 mm	14	TC 200, TC 250, TC 350
70 mm ²	13 mm	16	TC 200, TC 250, TC 350, TC 650
95 mm ²	14 mm	18	TC 350, TC 650
120 mm ²	14 mm	20	TC 350, TC 650
150 mm ²	10 mm	22	TC 650
185 mm ²	10 mm	25	TC 650
240 mm ²	10 mm	28	TC 650

Tools

Identification

Part number

HARTING crimping tool,
for FO connector (glass fibre),
SC, F-SMA F-ST,
A/F 3.8 mm, A/F 4.3 mm, A/F 4.95 mm
for crimping of the strain relief

20 99 000 1031



HARTING crimping tool,
for FO connector (plastic fibre),
SC, F-SMA F-ST,
A/F 3 mm, A/F 4.95 mm, A/F 6.5 mm
for crimping of the strain relief

20 99 000 1033



HARTING crimping tool,
for following 1 mm POF contacts,
Han D®, Han E®, DIN 41626, Ferrule, F-SMA, -ST

20 99 000 1035



Identification	Conductor cross-section (mm ²)	Part number	
HARTING crimping tool, Angled, for Han-Fast® Lock single contact	1,5 ... 2,5 4 ... 10	09 99 000 0876 09 99 000 0877	
HARTING crimping tool, for Han-Fast® Lock single contact, incl. Locator	1,5 ... 2,5 4 ... 10	09 99 000 0881 09 99 000 0831	

Identification	Conductor cross-section (mm ²)	Part number	
<p>HARTING crimping tool, for wire end ferrules</p>	<p>10 16 ... 25</p>	<p>09 99 000 0374 09 99 000 0830</p>	
<p>HARTING crimping tool, for coaxial contact, acc. to DIN 41626 Please order crimp dies separately.</p>		<p>09 99 000 0503</p>	
<p>Crimp die</p>		<p>09 99 000 0508</p>	
<p>HARTING crimping tool, Crimp die included, for coaxial contact, acc. to DIN 41626</p>		<p>09 99 000 0194</p>	



Features

- Basic unit of compact construction for pre-stripped wires (stranded wire)
- Easy handling due to well-arranged design
- for individual, turned male and female contacts
- Selective processing of male and female contacts
- Automatic contact feed
- Reproducible, top quality gas-tight crimp connections
- Non-slip, anti-vibration adjustable feet for setting the height
- Low noise level
- With carrying handle
- Removable electric and pneumatic supply connections
- Maintenance interval counter
- Minimal setup effort
- Crimping depth can be set without tools
- Low follow-up costs for maintenance and repair
- Easy replacement of wearing components

Details

Nominal voltage, max. 230 V
Nominal frequency 50 Hz
Power consumption ca.0.2 kW
Pressure ca.6 bar
Control system PLC
Work cycle trigger Footswitch
Work cycle 1 s
Noise level ca.62 dB
Crimp type Four-point crimping
Contact feed Vibratory bowl feed
Stroke counters Resettable daily counter and permanent counter
Dimensions 345 x 230 x 400 mm
Weight \geq 24 kg

Pack contents:
2.0 m connection cable and grounding plug,
2.0 m pneumatic hose,
quick-release coupling and N6 plugin nipple,
footswitch,
carrying handle,
operating instructions,
declaration of conformity

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
Crimping machine TC-C01, for Han D [®] contact	0,14 ... 2,5	09 98 000 9001	
Crimping machine TC-C01, for Han E [®] contact	0,14 ... 4	09 98 000 9002	
Crimping machine TC-C01, for Han [®] C contact	1,5 ... 10	09 98 000 9003	
Maintenance unit, Optional accessory		09 98 336 6851	




Features

- Basic unit of compact construction
- Fast stripping and crimping in one operating step
- Easy handling due to well-arranged design
- Touchscreen controlling
- for individual, turned male and female contacts
- Selective processing of male and female contacts
- Contact magazine with filling control
- Reproducible, top quality gas-tight crimp connections
- Infinitely variable adjustment parameters (stripping depth, stripping length, crimping depth, crimp contact feed rate)
- Rotatable vibration feeder and actuator in basic unit
- Low noise level
- for oil-free compressed air
- Minimal setup effort
- Low maintenance costs

Details

Drive electro-pneumatic
Nominal voltage, max. 230 V
Nominal frequency 50 Hz
Power consumption ca.0.75 kW
Pressure ca.6 bar
Compressed air connection 3 dm³ / work cycle
Control system PLC
Work cycle trigger sensor
Work cycle 1.5 s
Noise level <70 dB
Crimp type Four-point crimping
Contact feed Vibratory bowl feed
Stroke counters Resettable daily counte, total counter, operating hours, maintenance counter and quantity preselection
Dimensions 580 x 470 x 470 mm
Weight <60 kg

Pack contents:
one mounted interchangeable unit,
2.0 m connection cable and grounding plug,
2.0 m pneumatic hose with plug-in nipple N6,
plug gauges for setting the crimping,
centering bush for positioning the plug gauges,
draw for insulation remains,
drawer for holding the contacts when the magazine is emptied,
tool set for setting,
1 set of stripping blades,
operating instructions,
declaration of conformity

Identification	Conductor cross-section (mm ²)	Part number	
Crimping machine TK-M, Basic machine without interchangeable unit, Pack contents: Tool set for setting, 1 set of stripping blades, Operating instructions, Declaration of Conformity		09 98 000 6900	
Interchangeable unit, Han D®	0,14 ... 2,5	09 98 000 6901	
Interchangeable unit, Han E®	0,14 ... 4	09 98 000 6902	

Features

- Fast stripping and crimping in one operating step
- Basic unit of compact construction
- Easy handling due to well-arranged design
- Touchscreen controlling
- for individual, turned male and female contacts (series Han D[®], Han E[®], Han[®] C, Han P[®], Han-Yellock[®], D- Sub)
- Selective processing of male and female contacts
- Contact magazine with filling control
- Reproducible, top quality gas-tight crimp connections
- Motor-driven variable adjustment parameters (stripping depth, stripping length, crimping depth and wire position)
- Infinitely variable adjustment parameters (wire retention force and crimp contact feed rate)
- Low noise level
- for oil-free compressed air
- Minimal setup effort
- Low maintenance costs

Details

Drive electro-pneumatic
Nominal voltage, max. 230 V
Nominal frequency 50 Hz
Power consumption ca.1 kW
Pressure ca.6 bar
Compressed air connection 3 dm³ / work cycle
Control system PLC
Work cycle trigger sensor
Work cycle 2 s
Noise level ca.75 dB
Crimp type Four-point crimping
Contact feed Vibratory bowl feed
Stroke counters Resettable daily counte, total counter, operating hours, maintenance counter and quantity preselection
Dimensions 480 x 650 x 560 mm
Weight ≥75 kg

Pack contents:
with one mounted interchangeable unit,
2.0 m connection cable and grounding plug,
2.0 m pneumatic hose with plug-in nipple N6,
tool set for setting,
1 set of stripping blades,
operating instructions,
declaration of conformity

Identification	Conductor cross-section (mm ²)	Part number	
Crimping machine TC-SC, Pack contents: Tool set for setting, 1 set of stripping blades, Operating instructions, Declaration of Conformity		09 98 000 8000	
Interchangeable unit, Han D®	0,14 ... 2,5	09 98 000 8101	
Interchangeable unit, Han E®	0,14 ... 4	09 98 000 8102	
Interchangeable unit, Han® C Only for use with crimping tool 09 98 300 8103	1,5 ... 10	09 98 000 8103	
Interchangeable unit, D-Sub	0,5 ... 0,75	09 98 000 8104	
Interchangeable unit, Han- <i>Yellowlock</i> ®	0,5 ... 2,5	09 98 000 8107	
Crimping tool	1,5 ... 10	09 98 300 8103	

Features


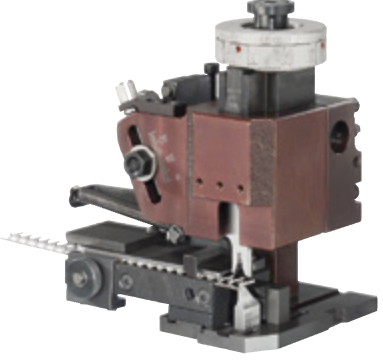
- Fast stripping and crimping in one operating step
- Easy handling due to quick change tool and stripper
- Suitable for D-Sub crimp contacts
- Selective processing of male and female contacts
- Hand wheel for manual adjustments
- Maintenance-friendly through needle bearing rail
- Automatic exhaust of the isolation remainders
- Reproducible, top quality gas-tight crimp connections
- With crimp force monitor
- Setting parameters with raster rotary button (depth of insulation stripping, length of insulation stripping, crimping height on wire, crimping height on insulation, wire retainer position, band thrust and wire position in the crimp contact)
- Non slip and anti-vibration feet
- Low noise level
- for oil-free compressed air
- Low maintenance costs
- V-blades for special wires on request

Details

Drive electro-pneumatic
Nominal voltage, max. 230 V
Nominal frequency 50 Hz
Power consumption 0.75 kW
Pressure 6 bar
Control system PLC
Stripping device type 514
Suction apparatus 2000.0900.20
Work cycle trigger sensor
Work cycle 0.35 s
Noise level 85 dB
Illumination integrated tool light 20001326
Motor speed 440 –2000 rpm
Stroke counters Resettable daily counter and permanent counter
Dimensions 690 (with a contact reel: 1400) x 420 x 430 mm
Weight <72 kg

Pack contents:

with role owner and guide plate,
2.0 m connection cable and grounding plug,
2.0 m pneumatic hose with plug-in nipple N9,
oiler bottle for the lubricating of the crimping contacts,
tool set for setting,
1 set of stamps for wire and isolation-crimp,
1 anvil one-piece for wire and isolation-crimp,
1 set of stripping blades,
1 litre of contact oil,
operating instructions,
declaration of conformity

Identification	Conductor cross-section (mm ²)	Part number	
Crimping machine BK, Pack contents: With role owner and guide plate, Tool set for setting, 1 set of stripping blades, Operating instructions, Declaration of Conformity		09 98 000 5000	
Quick change tool, D-Sub	0,09 ... 0,25 0,25 ... 0,5	09 98 000 3008 09 98 000 3009	

Identification	Size	Part number
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HARTING Battery hydraulic panel punch,
To produce panel cut outs for connectors,
Punching pressure: 60 kN,

Pack contents:
In plastic case,
Lithium-Ion battery 18 V, 3 Ah,
Charging set,
Accessories

09 99 000 0900



HARTING hydraulic hand panel punch,
To produce panel cut outs for connectors,
Punching pressure: 60 kN,

Pack contents:
In plastic case,
Accessories

09 99 000 0901



Han A® ,
Punch units for hydraulicpunch drivers,
max. plate thickness (structural grade
carbon steel): 2.0 mm

03 A
10 A
16 A

09 99 000 0907
09 99 000 0908
09 99 000 0909

Han® B ,
Punch units for hydraulicpunch drivers,
max. plate thickness (structural grade
carbon steel): 2.0 mm

06 B
10 B
16 B
24 B

09 99 000 0902
09 99 000 0903
09 99 000 0904
09 99 000 0905

Punch units for hydraulicpunch drivers,
max. plate thickness (structural grade
carbon steel): 2.0 mm

3 HPR
Han-Eco® 10 A
Han-Eco® 16 A
Han-Yellock® 10
Han-Yellock® 30
Han-Yellock® 60
Modular Compact

09 99 000 0906
09 99 000 0914
09 99 000 0915
09 99 000 0910
11 99 300 0001
11 99 600 0001
09 99 000 0912



Identification

Part number

Torque set,
for High Current axial screw contact,
incl. reversing blade (A/F 4.0 + A/F 5.0),
Tightening torque: 5 ... 14 Nm,

Pack contents:
High quality metal box,
Variable tightening torque tool TorqueVario®-STplus,
Setting tool: torque-setter,
HARTING optimised interchangeable blades hexagonal A/F 4,
HARTING optimised interchangeable blades hexagonal A/F 5

09 99 000 0833



Torque set,
for power contact,
incl. reversing blade (A/F 2.0 + A/F 2.5 + PH2),
+ different bits,
+ adapter blade,
Tightening torque: 1 ... 5 Nm,

Pack contents:
High quality metal box,
Variable tightening torque tool TorqueVario®-S,
Setting tool: torque-setter,
HARTING optimised interchangeable blades hexagonal A/F 2,
HARTING optimised interchangeable blades hexagonal A/F 2.5,
HARTING optimised interchangeable blades PH2,
Torque bit universal holder,
Bits: A/F3, A/F4, PH0, PH1, PH2, T10, T15, T20, slot 0.6 x 4.5,
slot 0.8 x 5.5

09 99 000 0834



Torque set,
for HARTING screw contacts and fixing screws,
Tightening torque: 0.5 ... 1.2 Nm,

Pack contents:
High quality metal box,
Two pre-set tightening torque screwdrivers TorqueFix®,
Interchangeable blades PH1, PH2, slot 0.5 x 3.0

09 99 000 0835



Identification

Part number

Torque set,
for guiding pins and bushes,
Tightening torque: 0.5 Nm,
incl. 1/4" Bit,
Pack contents:
Torque bit universal holder 1/4",
1 HARTING guiding pins and bushes bit,
Product comes already pre-assembled in practical plastic packaging

09 99 000 0840



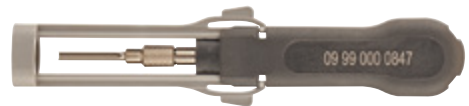
Bit 1/4" as a spare part for guiding pins and bushes,
Packaging unit: 5 pieces

09 99 000 0841



Insertion tool for crimp contacts,
Small cross-section,
Variable length of blade,
Han D®,
Han E®,
Han-Yellock®
The terminated contact is inserted into the tool and pushed into the contact chamber from the termination side.

09 99 000 0847



Replacement-tip,
for part number 09 99 000 0847

09 99 000 0848

Assembly tool,
for Han® ES insert

09 99 000 0367



Hexagonal driver for axial screw,
With grip,
A/F 4 (e. g. Han® 100 A Axial module)

09 99 000 0363



Hexagonal driver for axial screw,
With grip,
A/F 5 (e. g. Han® 200 A Axial module)

09 99 000 0364



Hexagonal driver for axial screw,
Bit 1/4",
40 A contact (A/F 2)

09 99 000 0369



Tools

Identification

Part number

Hexagonal driver for axial screw,
Adapter 3/8",
A/F 4 (e. g. Han® 100 A Axial module)

09 99 000 0370



Hexagonal driver for axial screw,
Adapter 3/8",
A/F 5 (e. g. Han® 200 A Axial module)

09 99 000 0371



Hexagonal driver for axial screw,
Adapter 3/8",
A/F 8 (e. g. Han® HC Modular 650)

09 99 000 0372



Hexagonal driver for axial screw,
Bit 1/4",
70 A contact (A/F 2.5)

09 99 000 0375



Han® VDE Screw Driver Set,
The standard set,

09 99 000 0836

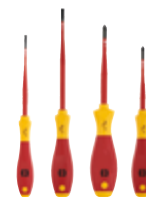
Pack contents:
Slim bit screw driver 0.4 x 2.5,
Slim bit screw driver 0.5 x 3.0,
Slim bit screw driver 0.6 x 3.5,
Slim bit screw driver 1.0 x 4.5,
Phillips screw driver PH1 (191 x 30 mm),
Phillips screw driver PH2 (218 x 23 mm)











Screw driver set Slimline,
Insolated blade for slim assembly,



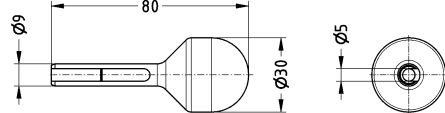





09 99 000 0844

Pack contents:
Slim bit screw driver 0.6 x 3.5,
Slim bit screw driver 0.8 x 4.5,
Phillips screw driver PH1 (191 x 30 mm),
Phillips screw driver PH2 (218 x 36 mm)



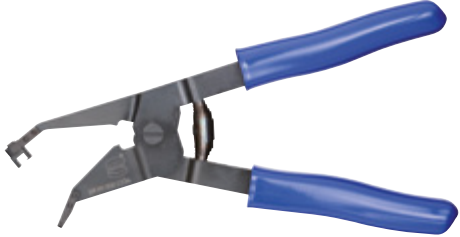

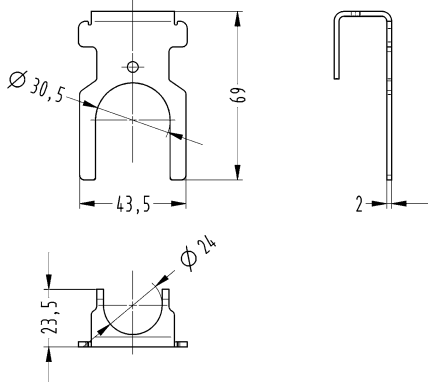






Identification	Part number	Drawing (dimensions in mm)
Polishing paper, for POF grain size 1000, Pack contents: Each part number means 5 pieces	20 80 001 9911	
Polishing paper, for GI 9 μ-grain size, Pack contents: Each part number means 5 pieces	20 80 001 9912	
Polishing paper, for GI 1 μ-grain size, Pack contents: Each part number means 5 pieces	20 80 001 9913	
Polishing tool, DIN 41612	20 99 000 1092	
Polishing tool, POF cable 2.2 mm diameter	20 99 000 1093	
Polishing tool, SC	20 99 000 1097	

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
<p>Removal tool, Han D[®] Insert tool from the mating side of the connector until it comes to a stop. By putting additional pressure on the tool the contact is unlocked and pushed out towards the termination side.</p>		09 99 000 0012	
<p>Replacement-tip, for part number 09 99 000 0012</p>		09 99 000 0004	
<p>Removal tool, Han D[®], Service Insert tool from the mating side of the connector until it comes to a stop. The contact is unlocked by pushing the central plunger.</p>		09 99 000 0052	
<p>Removal tool, Han[®] C</p>	1,5 ... 6 10	09 99 000 0305 09 99 000 0381	
<p>Removal tool for crimp contacts Insert the tool from the termination side until it comes to a stop. After that the contact with the attached wire can be pulled out of the isolator body.</p>		09 99 000 0319	
<p>Removal tool, Han-Quintax[®], for Quintax contact</p>		09 99 000 0323	
<p>Removal tool for crimp contacts, for contact in the multi module</p>		09 99 000 0328	
<p>Insertion / removal tools, Han-Modular[®], for D-Sub crimp contact</p>		09 99 000 0368	

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
Removal tool, Han-Fast® Lock, for easier removal of the Fast-Lock contact from the printed circuit board		09 99 000 0837	
Removal tool, for LC contact in the Han® LC module		09 99 000 0843	
Removal tool, for locking sleeves in the HV module, Insert from mating side.		09 99 000 0327	
Removal tool, for all Han-Modular® modules in plastic frames Insert the tool from the termination side between plastic frame and module and remove the module by applying slight pressure from the mating side You need 2 pieces for the removal of a single module and 4 pieces for the double module.		09 99 000 0331	
Removal tool, Han-Modular®		09 99 000 0335	
Removal tool, for the Han® 100 A crimp module		09 99 000 0383	
Removal tool, for the Han® 200 A crimp module Insert from mating side.		09 99 000 0820	
Removal tool, for the Han® 100 A single module, for Han® GND		09 99 000 0827	
Removal tool, Han-Modular®, Han-Eco®, Han-Yellok®, for single modules, Metal Insert the tool from the termination side between plastic frame and module and remove the module by applying slight pressure from the mating side		09 99 000 0828	
Removal tool, Han-Modular®, for double modules Insert the tool from the termination side between plastic frame and module and remove the module by applying slight pressure from the mating side		09 99 000 0842	

Tools

Identification	Conductor cross-section (mm ²)	Part number	Drawing (dimensions in mm)
Removal tool, for Han- <i>Yellock</i> [®] modules and frames, Thermoplastic		11 99 000 0001	
Removal tool, for Han- <i>Yellock</i> [®] modules and frames, Metal		11 99 000 0002	
Removal tool, for Han [®] HC Modular 250 Crimp, for unlocking the fixing plate Insert from mating side.		09 99 000 0332	
Removal tool, Han [®] EasyCon, for assembly and disassembly of shielding clamps		09 99 000 0334	
Removal tool, Han [®] HC Individual		09 99 000 0826	 <p>Technical drawing showing dimensions: $\varnothing 30,5$, 43,5, 69, 23,5, $\varnothing 24$, and 2.</p>
Removal tool, for opening of the HARTING RJ Industrial [®] cable jacks, Pack contents: Packaging unit: 10 pieces		20 82 000 9916	

Identification	Conductor cross-section (mm ²)		Part number	
Stripping tool, Self-adjusting	0,03 ... 10		09 99 000 0808	
Stripping tool	0,08 ... 10		09 99 000 0159	
Fibre stripper		0.18 / 0.3 mm 0.3 mm 1 mm	20 99 000 1046 20 99 000 1041 20 99 000 1045	

Altanium Temperature Controllers and Ultra Hot Runners provide superior melt delivery for the Plastics Industry.

Husky Hot Runner Systems with HARTING Han® 24 E connectors providing power and signal – quality connections resulting in highest reliability and minimum down time in molding systems.

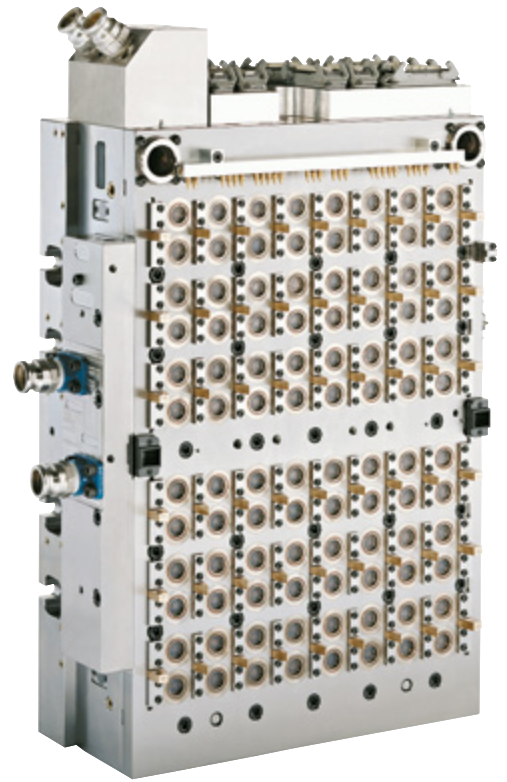


Photo courtesy:
Husky Injection Molding
Systems, Bolton, Ontario,
Canada