

Tooling for IDC technology

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<b>harlink®</b> .....	<b>32.02</b>
<b>harmik®</b> .....	<b>32.02</b>
<b>D-Sub – S</b> .....	<b>32.07</b>
<b>SEK</b> .....	<b>32.08</b>

Tools for insulation displacement termination

Identification	Part No.	Drawing	Dimensions in mm
Cable aligner	27 79 000 0001		
Head and table	27 79 000 0002	<p>Head</p> <p>Table</p>	
Crimping hand tool	27 99 000 0001		
Hand press	60 99 000 0007	 <p>A manual for the <i>har-link</i>® cable free connector assembly is available in our online catalogue <i>HARKIS</i>® or on demand at your local HARTING representative</p>	

Tools for insulation displacement termination

Tools

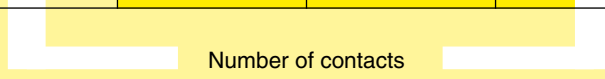
- A comprehensive range of high density Input/ Output and Intra-Cabinet connectors is only useful if supported by adequate and efficient termination tooling.
- HARTING has therefore designed a range of tools to offer the most efficient processing solution to satisfy a customer's manufacturing demand:
  - Small to medium size production volume. Managed with hand tool or semi-automatic tool.
  - Medium to large size production volume managed with highly efficient automatic machines.



Tools for insulation displacement termination  
for Pin and socket and Bellows range

Selection chart for semi-automatic assembly machine CAT 60

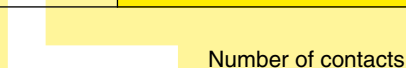
for connector	Semi automatic machine	Support plates	Adaptator	Head and table	Hand press
Male Pin and socket 60 03 ... 5200 60 03 ... 5210 60 03 ... 5220	60 99 000 0003	60 99 000 0004	60 99 ... 0005	60 99 000 0010	60 99 000 0007
Male Bellows 60 13 ... 5200		60 99 000 0012	60 99 ... 0013	60 99 000 0016	




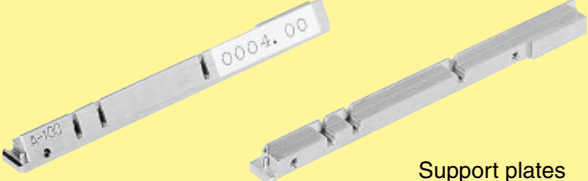
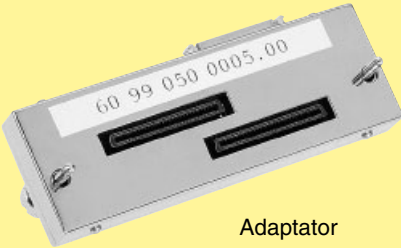
Tools for insulation displacement termination  
for Pin and socket and Bellows range

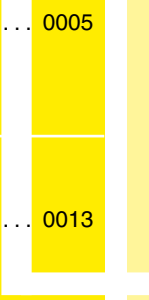
Selection chart for hand assembly

for connector	Hand cable aligner	Head and table	Hand press
Male Pin and socket 60 03 ... 5200 60 03 ... 5210 60 03 ... 5220	60 99 000 0011	60 99 000 0010	60 99 000 0007
Male Bellows 60 13 ... 5200	60 99 000 0017	60 99 000 0016	



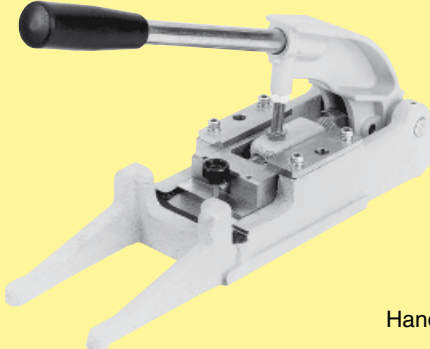

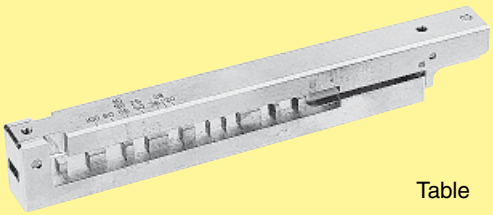
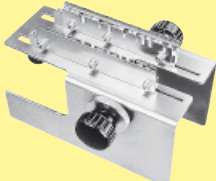



Tools for insulation displacement termination

Identification	Part No.	
<p>Semi-automatic machine CAT 60</p>	<p>60 99 000 0003</p>	 <p>CAT 60</p>
<p>Support plates for Pin and socket and female Bellows connector</p>	<p>60 99 000 0004</p>	 <p>Support plates</p>
<p>Support plates for male Bellows connector (20, 26, 36, 50, 68 poles)</p>	<p>60 99 000 0012</p>	
<p>Support plates for male Bellows connector (14 poles)</p>	<p>60 99 000 0040</p>	
<p>Adaptor for male Pin and socket connector</p>	<p>60 99 ... 0005</p>	
<p>Adaptor for male Bellows connector</p>	<p>60 99 ... 0013</p>	 <p>Adaptor</p>

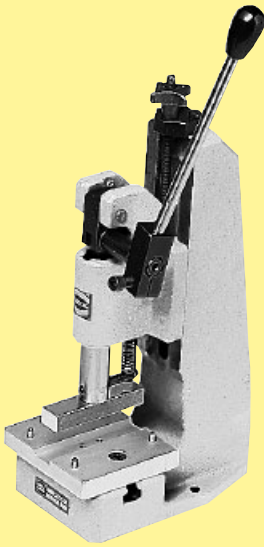




Number of contacts

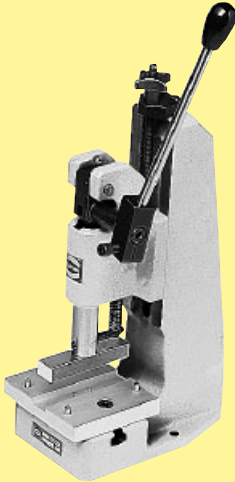
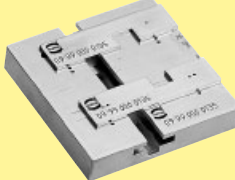



Tools for insulation displacement termination

Identification	Part No.	
Hand press	60 99 000 0007	 <p>Hand press</p>
Head and table for male Pin and socket connector	60 99 000 0010	 <p>Head</p>
Head and table for male Bellows connector	60 99 000 0016	 <p>Table</p>
Hand cable aligner and press cutter for Pin and socket and female Bellows connector	60 99 000 0011	
Hand cable aligner and press cutter for male Bellows connector	60 99 000 0017	
Press cutter	60 99 000 0038	  <p>A manual for the <i>har-mik</i>® connector and cable assembly is available in our online catalogue <i>HARKIS</i>® or on demand at your local HARTING representative.</p>

Tools for insulation displacement termination

Identification	Part No.	Drawing	Dimensions in mm
<p><b>Bench press</b> for termination of insulation displacement connectors</p>	<p>09 99 000 0114</p>		
<p><b>Cabling tool</b> for termination of flat cables</p>	<p>60 99 000 0034</p>		
<p><b>Cable cutter</b> for flat cables</p>	<p>09 99 000 0116</p>		
<p><b>Spare parts</b> Blade Cutting plate</p>	<p>09 99 000 0179 09 99 000 0180</p>		

## Tools for insulation displacement termination

Identification	Part No.	Drawing	Dimensions in mm
<p><b>Bench press</b> for termination of insulation displacement connectors</p>	<p>09 99 000 0114</p>		
<p><b>Cabling tool</b> for termination of flat cables</p>	<p>09 99 000 0135</p>		
<p><b>Insert</b> for termination of 37 pole male connectors</p>	<p>09 99 600 0201</p>		
<p><b>Hand tool with base plates (included in tool kit)</b> for termination of insulation displacement connectors</p>	<p>09 99 000 0149</p>		
<p><b>Cable cutter</b> for flat cables</p>	<p>09 99 000 0116</p>		
<p><b>Spare parts</b> Blade Cutting plate</p>	<p>09 99 000 0179 09 99 000 0180</p>		

Tools for insulation displacement termination

Identification	Part No.	Drawing	Dimensions in mm
<p><b>Bench press</b> for termination of insulation displacement connectors</p>	09 99 000 0114		
<p><b>Cabling tool</b> for termination of flat cables suitable for ...</p>			
female	09 99 000 0115		
DIP	09 99 000 0134		
Pcb, 2 rows	09 99 000 0131		
Pcb, 4 rows	09 99 000 0130		
DIN 41 612	09 99 000 0150		
<p><b>Hand tool with base plates</b> (included in tool kit) for termination of insulation displacement connectors  suitable for ...</p>			
female	09 99 000 0149		
DIP			
Pcb, 2 rows			
DIN 41 612			
<p><b>Cable cutter</b> for flat cables</p>	09 99 000 0116		
<p><b>Spare parts</b> Blade</p>	09 99 000 0179		
Cutting plate	09 99 000 0180		