

Identification	Part No.	Drawing	Dimensions in mm
<p>Bottom tool Universal</p> <p>for use with male and female connectors</p>	<p>Type B, 2B, 3B C, 2C, 3C M Q, 2Q, 3Q R, 2R, 3R E F H har-bus® 64 SEK 18*</p>	<p>09 99 000 0185</p>	
<p>Bottom tool Narrow</p> <p>for use with male connectors</p> <p>for use with female connectors</p>	<p>Type Q, 2Q, 3Q R, 2R, 3R SEK 18*</p> <p>Type B, 2B, 3B C, 2C, 3C M F H</p>	<p>09 99 000 0256</p> <p>09 99 000 0256</p>	
<p>Bottom tool Narrow har-bus® 64</p> <p>for use with female connectors</p>	<p>har-bus® 64</p>	<p>02 99 000 0001</p>	

* Connectors see separate catalogue

Identification	Part No.	Drawing	Dimensions in mm
<p>Top tool without insert block for use with male connectors</p>	Type Q, 2Q R, 2R	09 99 000 0181 09 99 000 0183	
<p>with insert block for use with male connectors</p>	Type Q, 2Q, 3Q R, 2R, 3R	09 99 000 0197	
<p>Insert blocks for use with male connectors</p>	Type Q 2Q 3Q R 2R 3R	09 99 000 0275 09 99 000 0274 09 99 000 0263 09 99 000 0277 09 99 000 0276 09 99 000 0264	
<p>for use with shrouds</p>	har-bus® 64 Type E Type C, R Type 2C, 2R Type F	02 09 000 0012 09 99 000 0277 09 99 000 0276 09 06 248 3201	
<p>Top tool for use with female connectors</p>	Type B, 2B, 3B C, 2C, 3C D-Sub* SEK 18* har-mik* Type E F H har-bus® 64 Type M (24+8) M (42+6) M (60+4) M (78+2)	09 99 000 0197 09 99 000 0221 02 99 000 0002 09 99 000 0269 09 99 000 0270 09 99 000 0271 09 99 000 0272	
<p>Top tool only for short posts and pcb thickness > 1.6 mm and without guide frame</p>	Type C Type F H har-bus® 64	09 99 000 0228 09 99 000 0229 02 99 000 0016	

Tooling

* Connectors see separate catalogues