

Identification		Part number	Drawing	Dimensions in mm
Top tool without insert block for use with male connectors	Type Q, 2Q R, 2R	09 99 000 0181 09 99 000 0183		Type Q, 2Q Type R, 2R
	with insert block for use with male connectors	Type Q, 2Q, 3Q R, 2R, 3R	09 99 000 0197	
Insert blocks for use with male connectors	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		
	for use with shrouds	har-bus® 64 Type E Type C, R Type 2C, 2R Type F		
Top tool for use with female connectors	Type B, 2B, 3B C, 2C, 3C D-Sub* SEK 18* har-mik*	09 99 000 0197		Type B, 2B, 3B, C, 2C, 3C Type E, F, H har-bus® 64
	Type E F H	09 99 000 0221		
	har-bus® 64	02 99 000 0002		
	Type M (24+8) M (42+6) M (60+4) M (78+2)	09 99 000 0269 09 99 000 0270 09 99 000 0271 09 99 000 0272		
Top tool only for short posts and pcb thickness > 1.6 mm and without guide frame	Type C	09 99 000 0228		Type C Type F, H har-bus® 64
	Type F H	09 99 000 0229		
	har-bus® 64	02 99 000 0016		

Tooling

* Connectors see separate catalogues