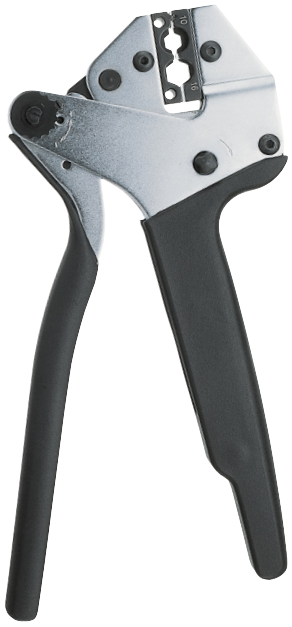
M 40 POWER (SIZE 1,5)

Crimp Tool for M 40 Power Connectors (Size 1,5)

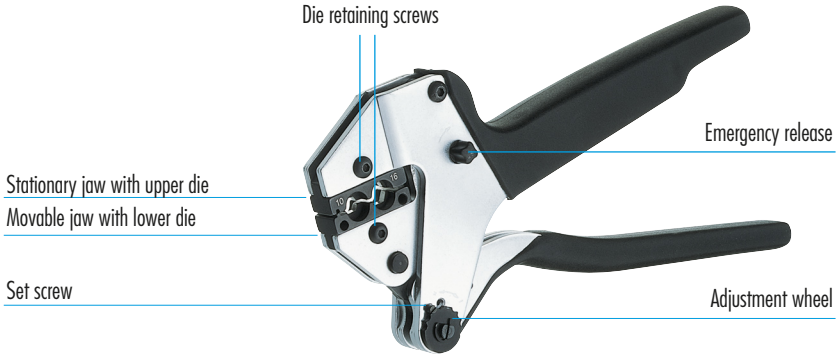
Crimp Tool

Type	Part Number
Crimp Tool for contacts 16 mm² (AWG 6)	7.000.900.903



Application
The hand crimp tool 7.000.900.903 has been developed for optimal crimping of a large variety of connectors and terminals by using different interchangeable crimping dies.

Operation
// Select crimp insert and install in tool
// Insert and align crimp contact in tool
// Compress tool until contact is held in place
// Insert conductor into contact
// Fully compress tool (tool will reopen automatically)
// Remove crimped conductor from tool



Adjustment of crimp force and height
Crimp force adjustment is done in the factory (120 – 180 N when unloaded). Tool frame and jaws are connected that way, an optimal crimping result will be obtained based on the hand force indicated above. In case the result (e.g. crimp height, pull-out force, etc.) does not meet the requirements of the plug manufacturer, the following reasons can be considered:

a) Normal wear of tool
Readjustment possible

b) Worn dies
Dies have to be replaced

The quality personnel is authorized to control and readjust these parameters as described below:
Unscrew the set screw by means of a screw driver
// Rotatable the adjustment wheel anticlockwise, the crimp force increases and the crimp height decreases (+)
// Rotatable the adjustment wheel lockwise, the crimp force decreases and the crimp height increases (-)
// When readjusting the hand force shall not exceed 180 N
// Before using the tool, the operator has to check the adjustment wheel being firmly secured by the set screw

Maintenance
Keep the tool clean and properly stored when not in service. The joints need to be regularly oiled and the circlips securing the bolts have to be always in place. Never use abrasives or hard material to clean the jaws. Please contact the manufacturer when the tool needs to be repaired or in case of readjustment problems.