

The list is showing all head-styles which are available in the series 15.

Silver drawing means: head with steel core.

The number shown right besides every picture is the part number used for ordering. Please replace the field "xx" by the spring force value you'd like to have. The available spring options are listed below.

Example of a completed ordering number:

15.05.05.10

Available spring forces with values in Newton (N) and ozs. and the adding code for the part number:

Code	Preload (N) (oz.)	Rated Force (N) (oz.)
<u>10</u>	0.45 1.56	1.0 3.46
<u>15</u>	0.55 1.90	1.5 5.19
<u>20</u>	0.50 1.73	2.0 6.92

Further Technical Data:

Minimum centre spacing:	1.27	mm	.05	inches
Extension height:	6.4 - 18	mm	.252 - .709	inches
Overall length:	43.2	mm	1.701	inches
Barrel diameter:	0.78	mm	.031	inches
Plunger shaft diameter:	0.5	mm	.02	inches
Maximum travel:	6.9	mm	.272	inches
Recommended (rated) travel:	4.3	mm	.169	inches
Temperature range:	-55°C ... +105°C		-67°F ... +221°F	
Typical electrical resistance:	20	mΩ		
Rated electrical current load:	2.5	amps		
Maximum current load:	3	amps		
Typical life-time in cycles:	2 x 10 ⁶	cycles		

Further spring forces and head styles available on request. Please allow longer delivery for special configurations.

Please note: the 2.0 N-spring type (sufix ".20") has a larger temperature range from -212 to 392°F (-100°C to +200°C).

The head style 15.118.05.xx (Dagger point with 0.5 mm diam.) is available with a 2 mm over-length. This extra-long probe can compensate the length difference between test points on component legs or thick solder points (use series 15 for these), and test pads or open via's (use series 115 for those). To order the extra-long dagger, please refer to series 115. The order number is for example: 115.118.05.15. Please notice that this option is available for this single head style only! Further details on the separate catalogue page for series 115.

The series 14 and series 15 probes are basically identical and have differences in length and travel. Series 15 has a max. travel of 6.35 mm and can be combined with series 75 probes for 75 MIL centre pitch and series 100 for 100 MIL centres. Both of these series have the same max. travel of 6.35 mm.

Materials:

Plunger:	Copper Alloy, gold plated
Barrel:	Copper Alloy, gold plated
Spring:	Music Wire, gold plated



