The list is showing all head-styles which are available in the series 353. 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:
353.03.40.30

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.)
30	2.0	6.92	3.0	10.38
50	2.5	8.65	5.0	17.30

Further Technical Data:

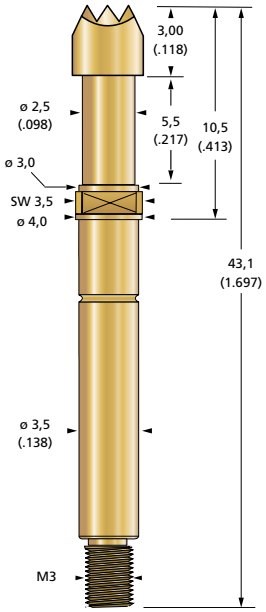
Minimum centre spacing:	5.08	mm	.2	inches
Extension height:	10.5	mm	.413	inches
Overall length:	43.1	mm	1.697	inches
Barrel diameter:	3.5	mm	.138	inches
Plunger shaft diameter:	2.5	mm	.098	inches
Maximum travel:	5.5	mm	.217	inches
Recommended (rated) travel:	4.4	mm	.173	inches
Temperature range:	-55°C ... +105°C		-67°F ... +221°F	
Typical electrical resistance:	10	mΩ		
Rated electrical current load:	50	amps		
Maximum current load:	80	amps		
Typical life-time in cycles:	0.5 x 10^6	cycles		

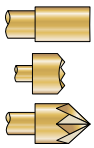
Further spring forces and head styles available on request. Please allow longer delivery for special configurations.

The spring contacts of series 353 have a screw-fit receptacle. Please ask our office for special tool-sets.
This probe has a "split-plunger-design" similar like series 226, which allows the high current load.

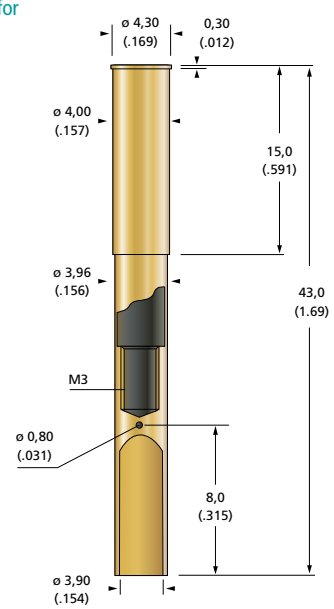
Materials:

Plunger:	Hardened CuBe, gold plated
Barrel:	Brass, gold plated
Spring:	Stainless Steel / Music Wire, unplated





353.03.40.xx
353.08.40.xx
353.09.30.xx



S 353.00-L
Solder Cup
with Thread

For the installation of the receptacles the mounting plate requires precise drilling. In the fixture business there are some typical base materials used for the pin plates which are different in drill bit diameters and machining parameters. The table is showing the recommended drill diameter and the order numbers needed when ordering drill bits from us. For machining parameters please consult factory.

Press-Ring or Stop Ring used as a Collar

Material	Drill-ø		Part No.
CEM1 (also called EP105)	.1571 in.	3.99 mm	500-0399
FR4 (G10, Hgw 2372 or Hgw 2372.1)	.1575 in.	4.00 mm	500-0400