



FEINMETALL
Contact Technologies

F786

Probe 100 mil, Long Travel Version

Centers (mm/mil)	2,54 / 100
Current	5,0 A
R typ	25 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	60	150
Standard	60	225
Standard	60	300
IK	60	300
HP	180	300
HP	180	500

Travel (mm)

Version	Nominal	Maximum
Standard	6,4	8,0
IK	6,4	8,0
HP	6,4	8,0
Pointing Accuracy	±0,10 mm	

Materials and Plating

Plunger	see tip style
Barrel	Nickel silver, gold plated
Spring	Music wire, silver plated
Receptacle	Nickel silver, gold plated

Accessories

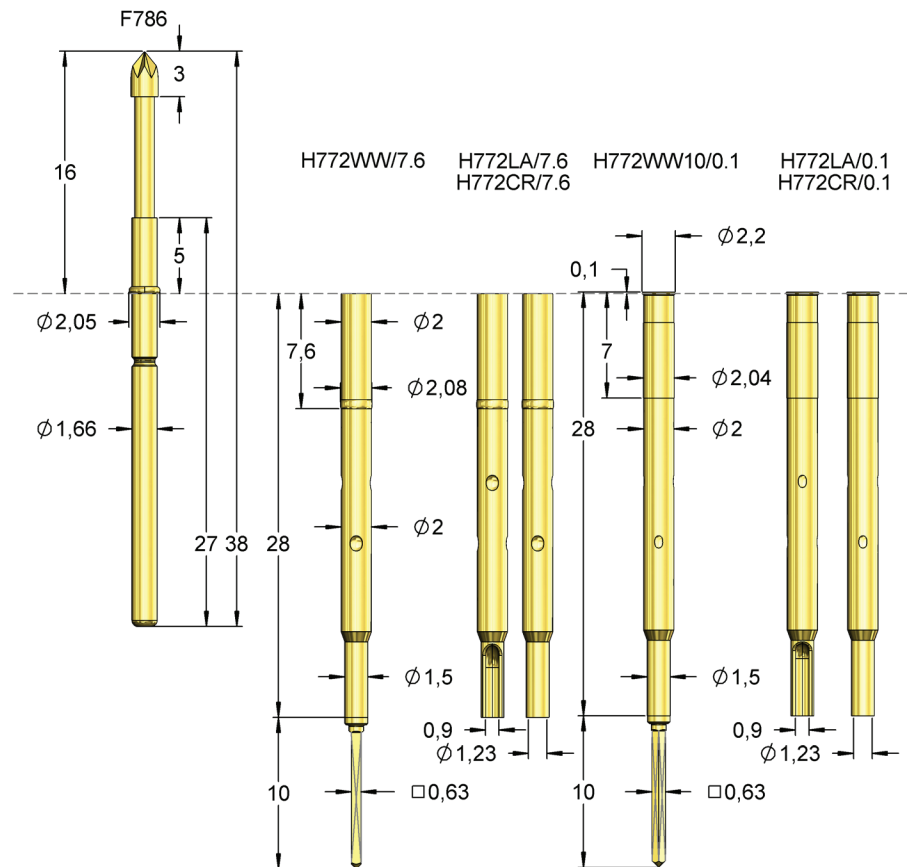
Insertion tool receptacle	FEWZ-772EV
Insertion tool receptacle	FEWZ-772E0
Insertion tool probe	FDWZ-100
Plug lock	H772VS

Drill size (mm)

Receptacle Press ring as stop	1,97 - 2,00
Receptacle Press ring inserted	2,03 - 2,05
Receptacle with collar	2,02 - 2,03

Projection Height (mm)

(F786) H772...	16,0 - 23,6
(F786) H772.../0.1	16,1



M 1:1

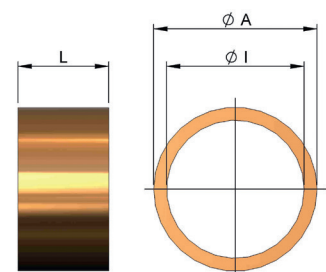


The F786 is the long travel version of the F772. These probes can be combined well in dual stage fixtures.

Series	Tip-Ø	Spring Force (cN)
F786 06 B 400 G 300 IK06		
Tip Style	Material	Plating
Material:	B = BeCu, S = Steel, K = Synthetic	
Tip-Ø:	400 = 4,00 mm (e.g.)	
Plating:	G = Gold plated, L = Longtime Gold plated, P = Functional coating, U = Unplated	
Version:	HP = Progressive Series, IK = Insulation cap	
Receptacle:	Order Code according drawing	

Spacers H772DS/xx for 100 mil probes

Order Code	Outer-Ø	Inner-Ø	Length
H772DS/10	2,20	1,70	1,00
H772DS/20	2,20	1,70	2,00
H772DS/30	2,20	1,70	3,00
H772DS/50	2,20	1,70	5,00





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Tip Style	Number	Material	Ø in mm	Plating	Version
	04	B	2,00	G	-
	05	B	1,30	G	-
	06	B	2,00	G	-
	06	B	4,00 *	G	IK
	06	B	4,50 *	G	-
	07	S	1,80	L	-
	07	S	2,00	L	-
	10	S	0,63	P	HP
	11	B	1,30	G	-
	14	S	2,00	L	-
	15	B	2,00	G	-
	17	K	4,00 *	U	-
	18	B	1,30	G	-
	21	S	1,30	L	-
	32	S	0,80	L	-
	32	S	0,80	P	HP
	33	S	1,30	L	-
	33	S	1,30	P	HP
	34	S	0,80	L	-
	38	S	1,30	L	-
	63	S	2,00	L	-

* Center different from standard.