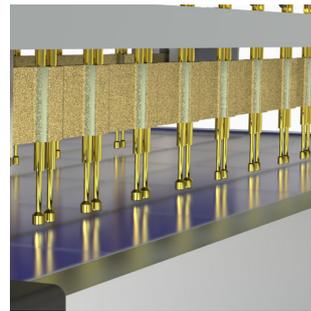
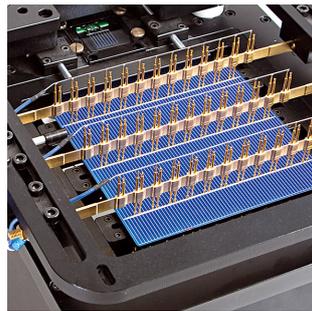
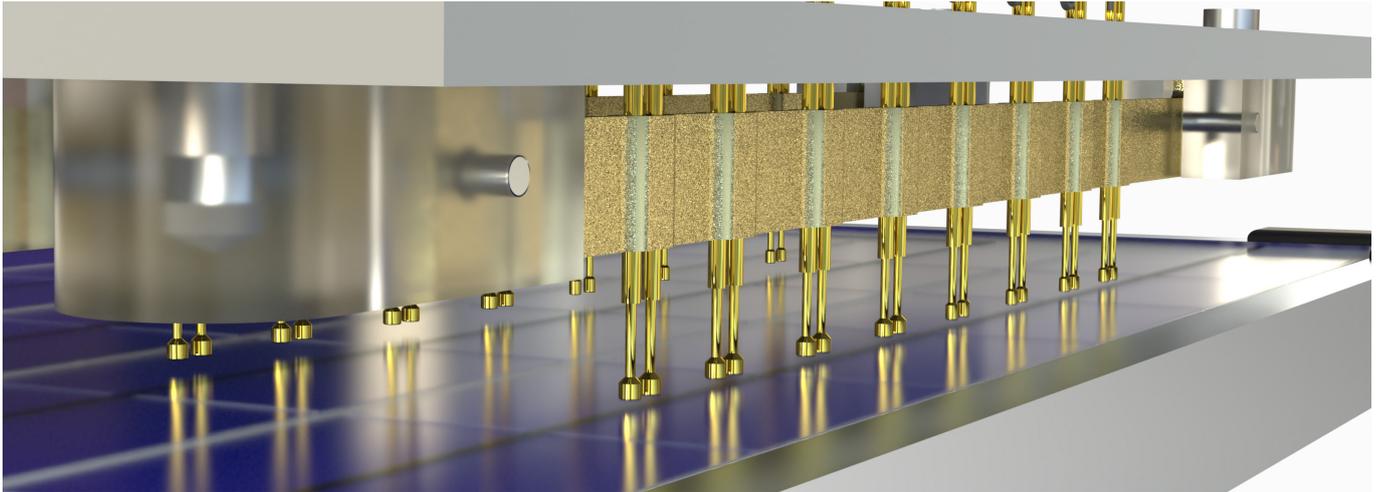


SOLAR PROBES

- TO CONTACT THE SURFACE OF SOLAR WAFER
- FOR LONG LIFE APPLICATIONS



SOLAR PROBES



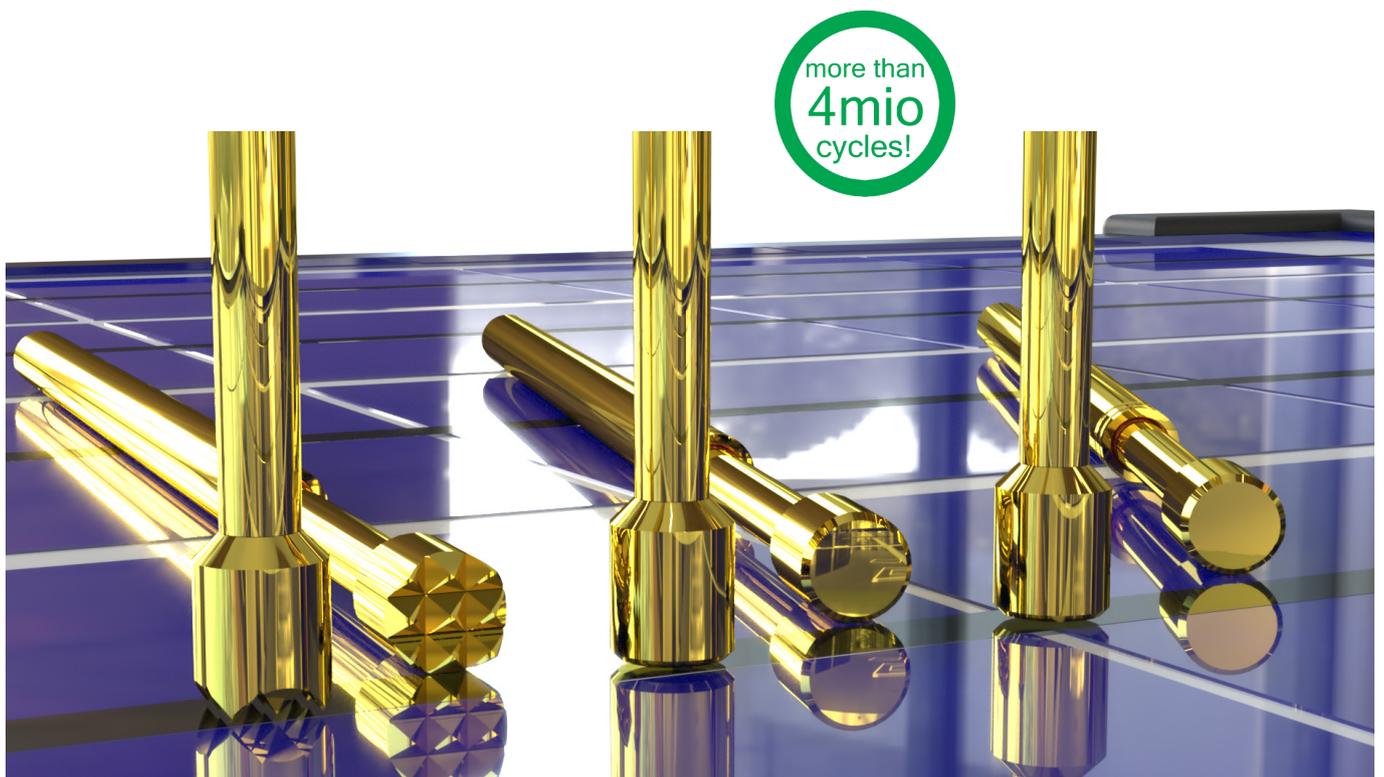
Feinmetall as a reliable partner for contacting solar wafers

With our innovative technologies and know-how, we have developed special test probes for testing solar modules/wafers. For the contacting of busbars (conductor paths) on the solar modules, optimized probes are used to contact the sensitive conductor path surfaces without damage. Due to the special design and the very long lifetime of more than 4 million cycles of the contact probes, high-volume solar cell testing is made possible in a cost-efficient way.

Feinmetall is one of the leading suppliers of solar probes.

The **new L100 series** offers several advantages especially for this sensitive application area in solar wafer contacting:

- Very low & constant contact resistance over the whole lifetime (>4mio cycles)
- Special tip styles for contacting the busbar surface
- Optimized spring characteristics
- Automated 100% function control



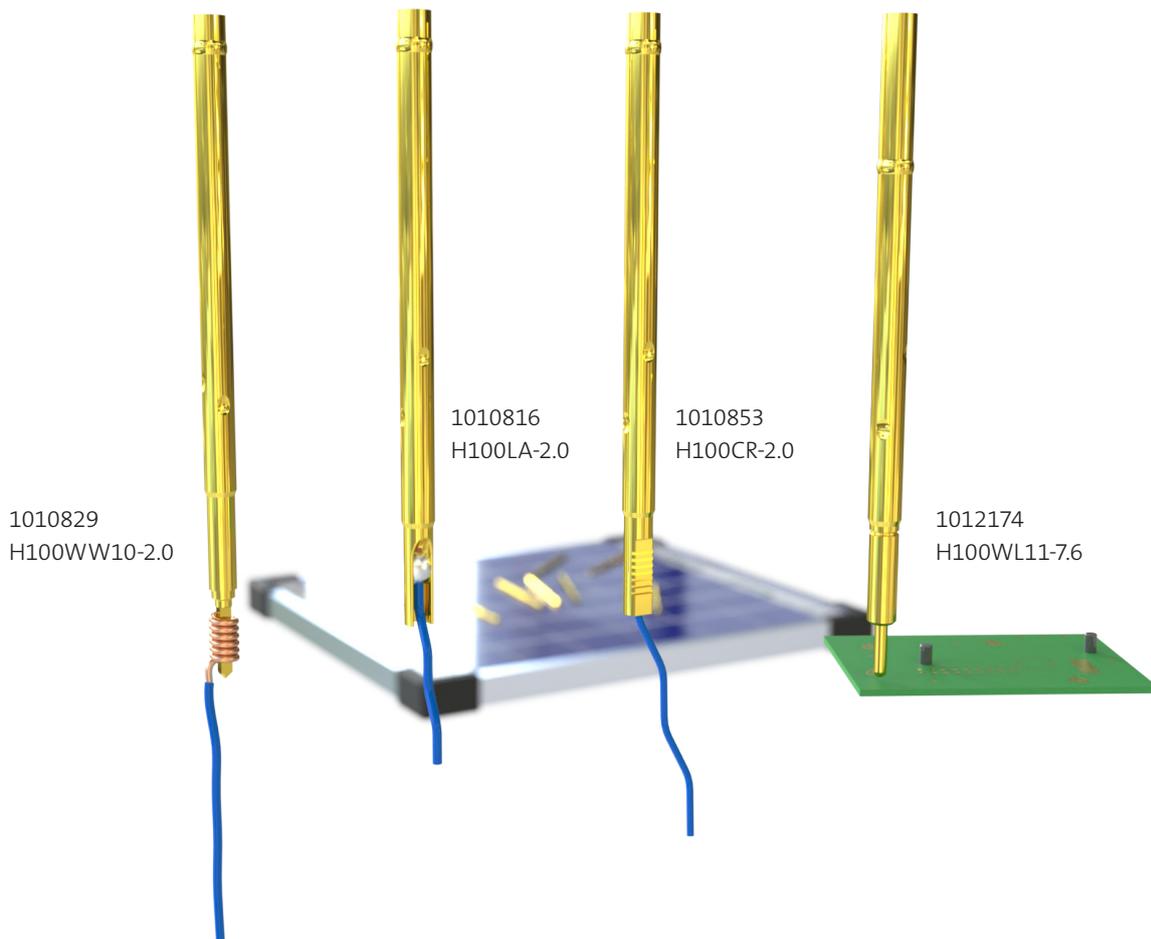
Representation of different tip styles for contacting solar cells: (06) Serrated; (19) Lense; (17) Flat

Mounting receptacles for solar probes

In order to offer the greatest possible freedom in mounting and wiring, Feinmetall supplies a variety of mounting receptacles (H100) with different connection options. A wireless connection option directly to a PCB is also possible with our wireless receptacles.

The following connection options are shown in the picture from left to right:

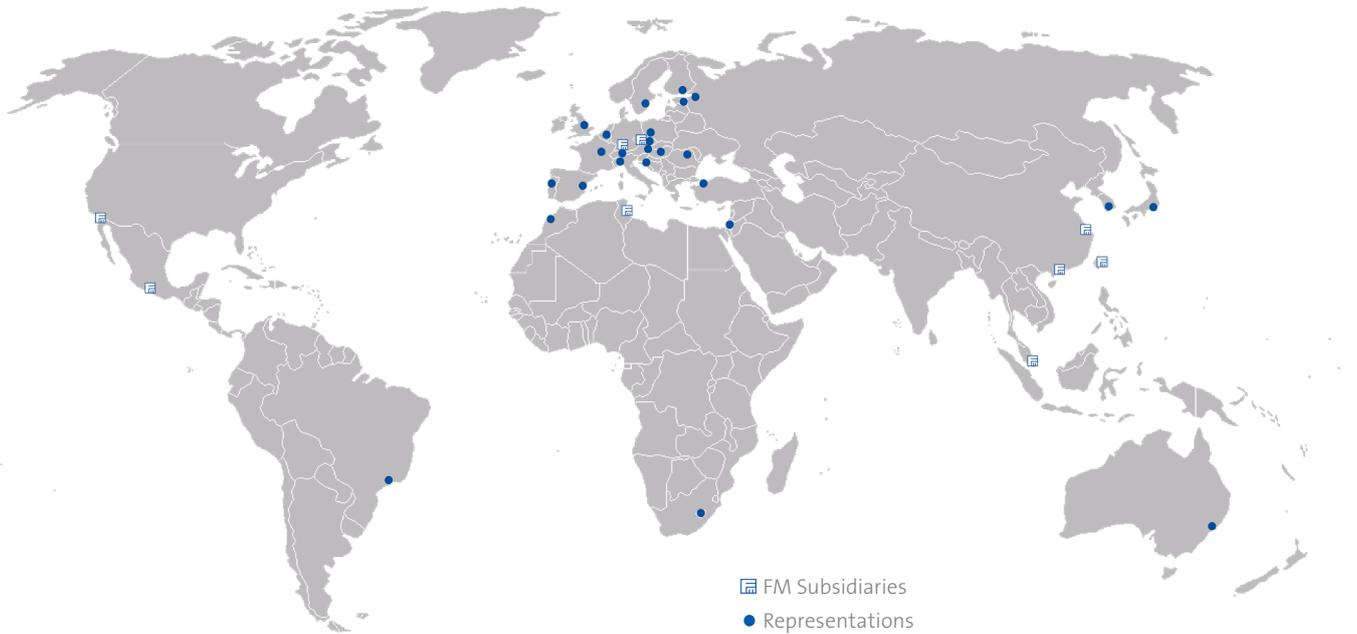
- WW (WireWrap)
- CR (Crimp connection)
- LA (Solder connection)
- WL (Double stroke on PCB)



Overview of available solar probes

Part number	Description	Tip style	TS-#	Material	Ø in mm	Plating	Version
1054514	L10006B150G100		06	B	1,50	G	-
1054513	L10006B200G100		06	B	2,00	G	-
1042664	L10017B150G100		17	B	1,50	G	-
1042665	L10017B200G100		17	B	2,00	G	-
1094162	L10017B300G100		17	B	3,00	G	-
1054511	L10019B150G100		19	B	1,50	G	-
1057044	L10019B150G150		19	B	1,50	G	-
1054512	L10019B200G100		19	B	2,00	G	-
1057045	L10019B200G150		19	B	2,00	G	-

INTERNATIONALLY POSITIONED FOR YOU



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Then please get in contact with our technical experts for different business lines:

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- Interface probes
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