

NEW

T-112 M / T-912 M

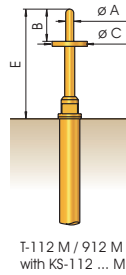
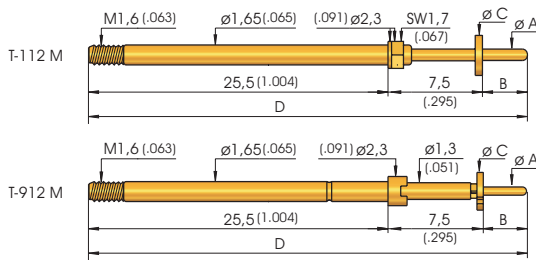
Screw-in Step Probes

Grid: (dependant on max. tip-diameter) $\geq 2,54$ mm
(dependant on max. tip-diameter) ≥ 100 Mil

Installation Height: see table

Recommended Stroke: 4,0 mm (.157)

Mounting and Functional Dimensions



Available Tip Styles T-112 M

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
W 02	ø s. Tbl.	A		
3 05	ø s. Tbl.	A		
3 05 G	ø s. Tbl.	A		

Mechanical Data

Working Stroke: 4,0 mm (.157)

Maximum Stroke: 5,0 mm (.197)

Spring Force at Work. Stroke: 1,5 N (5.4oz)

alternative: 0,6 N (2.1oz); 0,8 N (2.9oz);
2,25 N (8.1oz); 3,0 N (10.8oz);
5,0 N (18.1oz)

Operating Temperature

Standard: -40° up to +80° C

Electrical Data

Current Rating: 5 - 8 A

R_j typical: < 20 mΩ

Materials

Plunger: BeCu, gold-plated

Barrel: Brass, gold-plated

Spring: Steel, gold-plated
or Stainless Steel (MC on request)

Note:

T-112 ... M / T-112 M will be screwed into KS-112 ... M (Page 132) using special tools (see page 170/171). Recommended Screw-in Torque: Min.: 3 Ncm / Max.: 5 Ncm
* Details of Torque Tools and Insertion Bits from page 170 on.

Available Tip Styles T-912 M

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
W 02	ø s. Tbl.	A		NEW
3 05	ø s. Tbl.	A		NEW

Part No.	A Tip-Ø mm (inch)	B Tip Length mm (inch)	C Disk-Ø mm (inch)	D Total Length mm (inch)	E Install. Height with KS mm (inch)	* Tool (Insertion Bits)
T-912 302 050 150 210 A 1502 M	0,5 (.020)	1,5 (.059)	2,1 (.083)	34,5 (1.358)	9,2 (.362)	BIT-T-912 M
T-112 302 065 300 100 A 1502 M	0,65 (.026)	3,0 (.118)	1,0 (.039)	36,0 (1.417)	10,7 (.421)	BIT-GKS-112 M-B
T-912 302 070 150 210 A 1502 M	0,7 (.028)	1,5 (.059)	2,1 (.083)	34,5 (1.358)	9,2 (.362)	BIT-T-912 M
T-112 302 070 200 180 A 1502 M	0,7 (.028)	2,0 (.079)	1,8 (.071)	35,0 (1.378)	9,7 (.382)	BIT-GKS-112 M-B
T-912 302 070 200 210 A 1502 M	0,7 (.028)	2,0 (.079)	2,1 (.083)	35,0 (1.378)	9,7 (.382)	BIT-T-912 M
T-112 302 080 320 180 A 1502 M	0,8 (.031)	3,2 (.126)	1,8 (.071)	36,2 (1.425)	10,9 (.429)	BIT-GKS-112 M-B
T-912 302 080 320 210 A 1502 M	0,8 (.031)	3,2 (.126)	2,1 (.083)	36,2 (1.425)	10,9 (.429)	BIT-T-912 M
T-912 302 100 170 250 A 1502 M	1,0 (.039)	1,7 (.067)	2,5 (.098)	34,7 (1.366)	9,4 (.370)	BIT-T-912 M
T-912 302 100 180 250 A 1502 M	1,0 (.039)	1,8 (.071)	2,5 (.098)	34,8 (1.370)	9,5 (.374)	BIT-T-912 M
T-912 302 100 200 210 A 1502 M	1,0 (.039)	2,0 (.079)	2,1 (.083)	35,0 (1.378)	9,7 (.382)	BIT-T-912 M
T-912 302 100 200 250 A 1502 M	1,0 (.039)	2,0 (.079)	2,5 (.098)	35,0 (1.378)	9,7 (.382)	BIT-T-912 M
T-112 302 100 250 180 A 1502 M	1,0 (.039)	2,5 (.098)	1,8 (.071)	35,5 (1.398)	10,2 (.402)	BIT-GKS-112 M-B
T-912 302 100 250 210 A 1502 M	1,0 (.039)	2,5 (.098)	2,1 (.083)	35,5 (1.398)	10,2 (.402)	BIT-T-912 M
T-112 302 100 300 180 A 1502 M	1,0 (.039)	3,0 (.118)	1,8 (.071)	36,0 (1.417)	10,7 (.421)	BIT-GKS-112 M-B
T-912 302 100 300 210 A 1502 M	1,0 (.039)	3,0 (.118)	2,1 (.083)	36,0 (1.417)	10,7 (.421)	BIT-T-912 M
T-912 302 100 300 250 A 1502 M	1,0 (.039)	3,0 (.118)	2,5 (.098)	36,0 (1.417)	10,7 (.421)	BIT-T-912 M
T-112 302 100 320 200 A 1502 M	1,0 (.039)	3,2 (.126)	2,0 (.079)	36,2 (1.425)	10,9 (.429)	BIT-GKS-112 M-B
T-112 302 100 330 230 A 1502 M	1,0 (.039)	3,3 (.130)	2,3 (.091)	36,3 (1.429)	11,0 (.433)	BIT-GKS-112 M
T-912 302 100 330 230 A 1502 M	1,0 (.039)	3,3 (.130)	2,3 (.091)	36,3 (1.429)	11,0 (.433)	BIT-T-912 M
T-112 302 100 350 250 A 1502 M	1,0 (.039)	3,5 (.138)	2,5 (.098)	36,5 (1.437)	11,2 (.441)	BIT-GKS-112 M
T-912 302 100 350 250 A 1502 M	1,0 (.039)	3,5 (.138)	2,5 (.098)	36,5 (1.437)	11,2 (.441)	BIT-T-912 M
T-112 302 102 318 245 A 1502 M	1,02 (.039)	3,18 (.126)	2,45 (.098)	36,18 (1.425)	10,88 (.429)	BIT-GKS-112 M
T-912 302 120 120 250 A 1502 M	1,2 (.047)	1,2 (.047)	2,5 (.098)	34,2 (1.347)	8,9 (.350)	BIT-T-912 M
T-112 302 120 200 190 A 1502 M	1,2 (.047)	2,0 (.079)	1,9 (.075)	35,0 (1.378)	9,7 (.382)	BIT-GKS-112 M-B
T-912 302 120 200 210 A 1502 M	1,2 (.047)	2,0 (.079)	2,1 (.083)	35,0 (1.378)	9,7 (.392)	BIT-T-912 M
T-912 302 130 210 250 A 1502 M	1,3 (.051)	2,1 (.083)	2,5 (.098)	35,1 (1.382)	9,8 (.386)	BIT-T-912 M
T-112 302 130 300 250 A 1502 M	1,3 (.051)	3,0 (.118)	2,5 (.098)	36,0 (1.417)	10,7 (.421)	BIT-GKS-112 M
T-912 302 130 300 250 A 1502 M	1,3 (.051)	3,0 (.118)	2,5 (.098)	36,0 (1.417)	10,7 (.421)	BIT-T-912 M
T-912 302 140 160 350 A 3002 M	1,4 (.055)	1,6 (.063)	3,5 (.138)	34,6 (1.362)	9,3 (.366)	BIT-T-912 M
T-912 302 150 200 350 A 1502 M	1,5 (.059)	2,0 (.079)	3,5 (.138)	35,0 (1.378)	9,7 (.382)	BIT-T-912 M
T-112 302 150 250 300 A 1502 M	1,5 (.059)	2,5 (.098)	3,0 (.118)	35,5 (1.398)	10,2 (.402)	BIT-GKS-112 M
T-912 302 150 250 350 A 1502 M	1,5 (.059)	2,5 (.098)	3,5 (.135)	35,5 (1.398)	10,2 (.402)	BIT-T-912 M