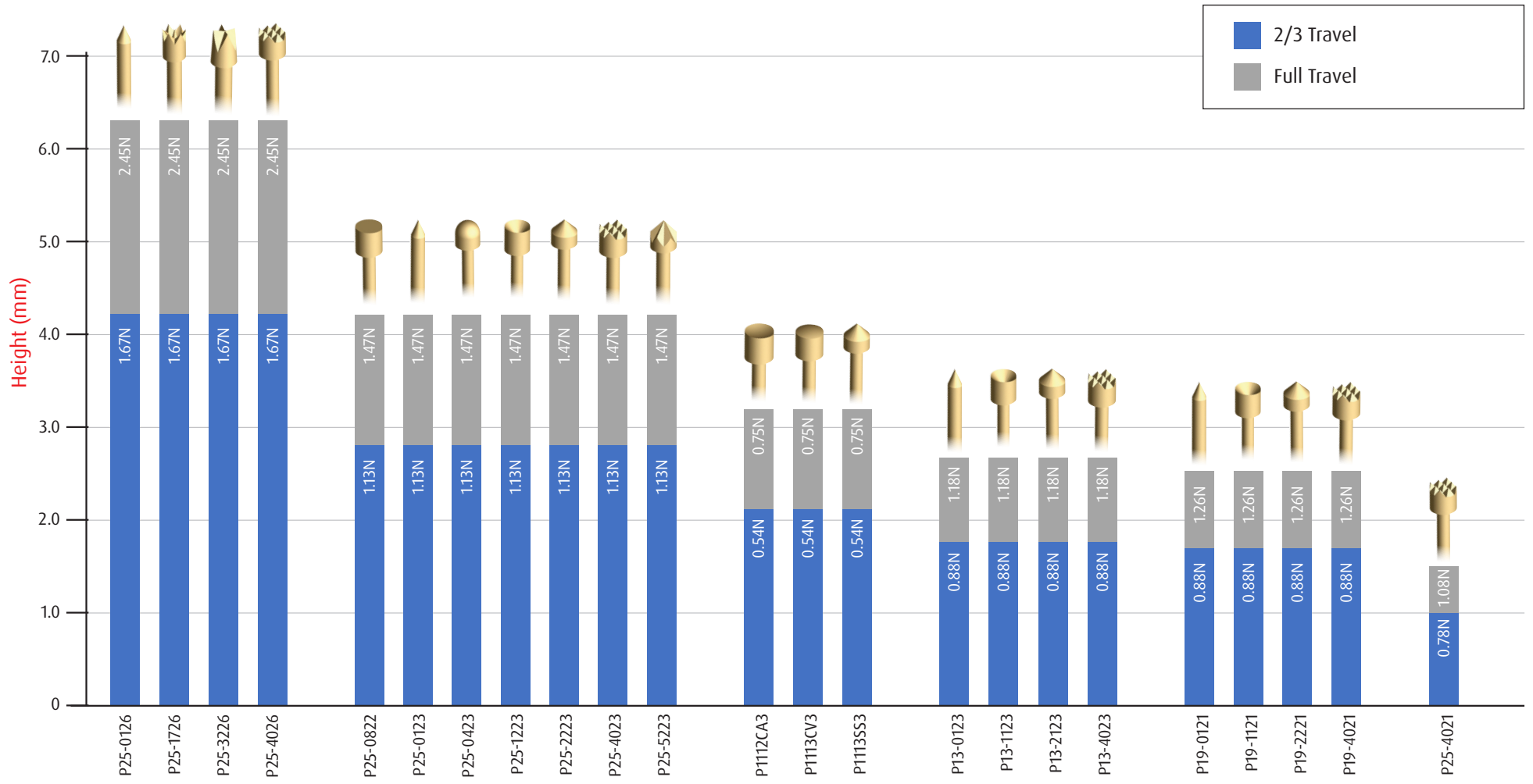


# ATE Spring Probes Comparison



# ATE Spring Probes Comparison



## One Part Spring Probes

Part Number	Free Length (mm)	Body Length (mm)	Probe Length (mm)	Full Travel (mm)	Spring Force at Full Travel (N)	2/3 Travel (mm)	Spring Force at 2/3 Travel (N)	Current (Max.)	Durability (Min. Cycles)	Finish	Min. Pitch Spacing (mm)	Head Style
P1113CA3	27	21.6	5.4	3.18	0.75	2.12	0.54	2A	100,000	Gold	3	Concave Radius
P1113CV3	27	21.6	5.4	3.18	0.75	2.12	0.54	2A	100,000	Gold	3	Convex Radius
P1113SS3	27	21.6	5.4	3.18	0.75	2.12	0.54	2A	100,000	Gold	3	Convex

## Two Part Spring Probes

Part Number	Free Length (mm)	Body Length (mm)	Probe Length (mm)	Full Travel (mm)	Spring Force at Full Travel (N)	2/3 Travel (mm)	Spring Force at 2/3 Travel (N)	Current (Max.)	Durability (Min. Cycles)	Finish	Min. Pitch Spacing (mm)	Head Style
P13-0123	16.35	13	3.35	2.65	1.18	1.77	0.88	1.5A	100,000	Gold	1.27	Spear
P13-1123	16.35	13	3.35	2.65	1.18	1.77	0.8	1.5A	100,000	Gold	1.27	Concave
P13-2123	16.35	13	3.35	2.65	1.18	1.77	0.88	1.5A	100,000	Gold	1.27	Convex
P13-4023	16.35	13	3.35	2.65	1.18	1.77	0.88	1.5A	100,000	Gold	1.27	Serrated
S13-503	-	17.75	-	-	-	-	-	-	-	Gold	1.27	Sleeve (Crimp/Solder)
P19-0121	16.35	13	3.35	2.54	1.26	1.69	0.88	3A	100,000	Gold	1.9	Spear
P19-1121	16.35	13	3.35	2.54	1.26	1.69	0.88	3A	100,000	Gold	1.9	Concave
P19-2221	16.35	13	3.35	2.54	1.26	1.69	0.88	3A	100,000	Gold	1.9	Convex
P19-4021	16.35	13	3.35	2.54	1.26	1.69	0.88	3A	100,000	Gold	1.9	Serrated
S19-501	-	17.4	-	-	-	-	-	-	-	Gold	1.9	Sleeve (Crimp/Solder)

# ATE Spring Probes Comparison



## Two Part Spring Probes

Part Number	Free Length (mm)	Body Length (mm)	Probe Length (mm)	Full Travel (mm)	Spring Force at Full Travel (N)	2/3 Travel (mm)	Spring Force at 2/3 Travel (N)	Current (Max.)	Durability (Min. Cycles)	Finish	Min. Pitch Spacing (mm)	Head Style
P25-0126	33.3	25	8.3	6.3	2.45	4.2	1.67	3A	100,000	Gold	2.54	Spear
P25-1726	33.3	25	8.3	6.3	2.45	4.2	1.67	3A	100,000	Gold	2.54	Tulip
P25-3226	33.3	25	8.3	6.3	2.45	4.2	1.67	3A	100,000	Gold	2.54	Crown
P25-4026	33.3	25	8.3	6.3	2.45	4.2	1.67	3A	100,000	Gold	2.54	Serrated
S25-346	-	30.1	-	-	-	-	-	-	-	Gold	2.54	Sleeve (9mm Wire-wrap tail)
S25-546	-	30.1	-	-	-	-	-	-	-	Gold	2.54	Sleeve (Crimp/Solder)
P25-0822	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Flat
P25-0123	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Spear
P25-0423	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Spherical Radius
P25-1223	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Concave
P25-2223	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Convex
P25-4023	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Serrated
P25-5223	24.7	18.5	6.2	4.2	1.47	2.8	1.13	3A	100,000	Gold	2.54	Star
S25-022	-	23.7	-	-	-	-	-	-	-	Gold	2.54	Sleeve (Solder Cup)
S25-212	-	23.7	-	-	-	-	-	-	-	Gold	2.54	Sleeve (7mm Wire-wrap tail)
S25-512	-	23.7	-	-	-	-	-	-	-	Gold	2.54	Sleeve (Crimp/Solder)
P25-4021	10	7.5	2.5	1.5	1.08	1	0.78	3A	100,000	Gold	2.54	Serrated
S25-501	-	12.2	-	-	-	-	-	-	-	Gold	2.54	Sleeve (Crimp/Solder)