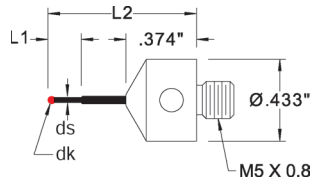
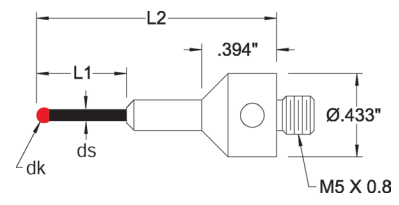
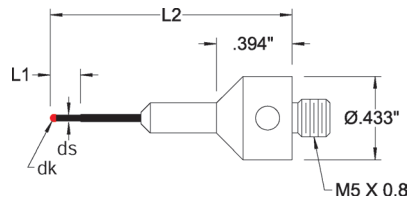


Ruby Ball Styli - Standard Probes



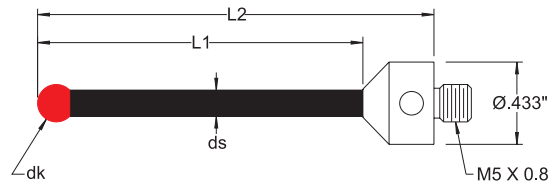
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Ball Matl.	Order Number
	.3mm .012"	.20mm .008"	2.2mm .087"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-0320
						Carbide	CPZ000-0320C
	.5mm .020"	.38mm .015"	3.25mm .128"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-0520
						Carbide	CPZ000-0520C
	.6mm .024"	.46mm .018"	4.29mm .169"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-0620
						Carbide	CPZ000-0620C
	.7mm .028"	.53mm .021"	4.34mm .171"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-0720
						Carbide	CPZ000-0720C
	.8mm .032"	.56mm .022"	4.37mm .172"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-0820
						Carbide	CPZ000-0820C
	1.0mm .039"	.71mm .028"	4.47mm .176"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-1020
						Carbide	CPZ000-1020C
	1.0mm .039"	.71mm .028"	4.50mm .177"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ000-1025
	1.0mm .039"	.71mm .028"	10.5mm .413"	30.0mm 1.181"	Tungsten Carbide	Ruby	CPZ000-1030
	1.5mm .039"	1.0mm .039"	10.5mm .413"	30.0mm 1.181"	Tungsten Carbide	Ruby	CPZ000-1530
















Ruby Ball Styli - Standard Probes



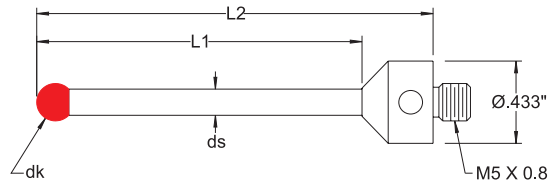
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Ball Matl.	Order Number
	.8mm .032"	.61mm .024"	4.0mm .157"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8060
	1.00mm .039"	.79mm .031"	12.0mm .472"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8061
	1.35mm .053"	1.0mm .039"	12.0mm .472"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8062
	1.35mm .053"	1.0mm .039"	19.0mm .748"	44.0mm 1.732"	Tungsten Carbide	Ruby	CPZ030-8063
	1.5mm .059"	1.0mm .039"	12.0mm .472"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8064
	1.5mm .059"	1.0mm .039"	19.0mm .748"	44.0mm 1.732"	Tungsten Carbide	Ruby	CPZ030-8065
	2.0mm .079"	1.5mm .059"	12.0mm .472"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8066
	2.0mm .079"	1.5mm .059"	19.0mm .748"	44.0mm 1.732"	Tungsten Carbide	Ruby	CPZ030-8067
	2.0mm .079"	1.5mm .059"	33.0mm 1.299"	58.0mm 2.283"	Tungsten Carbide	Ruby	CPZ030-8068
	2.5mm .098"	1.5mm .059"	12.0mm .472"	32.0mm 1.260"	Tungsten Carbide	Ruby	CPZ030-8069
	2.5mm .098"	1.5mm .059"	19.0mm .748"	44.0mm 1.732"	Tungsten Carbide	Ruby	CPZ030-8070
	2.5mm .098"	1.5mm .059"	33.0mm 1.299"	58.0mm 2.283"	Tungsten Carbide	Ruby	CPZ030-8071

Ruby Ball Styli - Standard Probes



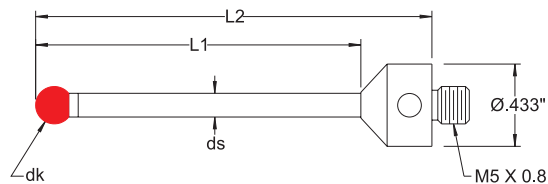
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Ball Matl.	Order Number
	1.35mm .053"	1.0mm .039"	10.5mm .413"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-1320
	1.35mm .053"	1.0mm .039"	15.5mm .610"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ000-1325
	1.5mm .059"	1.0mm .039"	10.5mm .413"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-1520
	1.5mm .059"	1.0mm .039"	15.5mm .610"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ000-1525
	2.0mm .079"	1.0mm .039"	10.5mm .413"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-2020
	2.0mm .079"	1.0mm .039"	15.5mm .610"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ000-2025
	2.0mm .079"	1.5mm .059"	20.5mm .807"	30.0mm 1.181"	Tungsten Carbide	Ruby	CPZ000-2030
	2.0mm .079"	1.5mm .059"	30.5mm 1.201"	40.0mm 1.575"	Tungsten Carbide	Ruby	CPZ000-2040
	2.5mm .098"	1.5mm .059"	10.5mm .413"	20.0mm .787"	Tungsten Carbide	Ruby	CPZ000-2520
	2.5mm .098"	1.5mm .059"	15.5mm .610"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ000-2525
	2.5mm .098"	1.5mm .059"	20.5mm .807"	30.0mm 1.181"	Tungsten Carbide	Ruby	CPZ000-2530
	3.0mm .118"	2.0mm .079"	15.5mm .610"	25.0mm .984"	Tungsten Carbide	Ruby	CPZ030-9010
	3.0mm .118"	2.0mm .079"	24.0mm .945"	33.5mm 1.319"	Tungsten Carbide	Ruby	CPZ342-8020
	3.0mm .118"	2.0mm .079"	40.5mm 1.595"	50.0mm 1.969"	Tungsten Carbide	Ruby	CPZ030-9011
	3.0mm .118"	2.0mm .079"	48.5mm 1.909"	58.0mm 2.283"	Tungsten Carbide	Ruby	CPZ342-8021

Ruby Ball Styli - Standard Probes



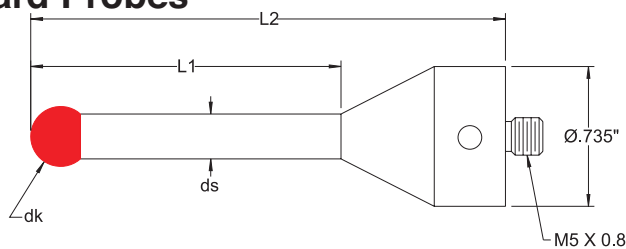
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Ball Matl.	Order Number
	4.0mm .157"	2.0mm .079"	24.0mm .945"	33.5mm 1.319"	Tungsten Carbide	Ruby	CPZ342-8025
	4.0mm .157"	2.0mm .079"	54.5mm 2.146"	64.0mm 2.520"	Tungsten Carbide	Ruby	CPZ030-9012
	5.0mm .197"	3.5mm .138"	40.0mm 1.575"	50.0mm 1.969"	Stainless Steel	Ruby	CPZ030-9013
	5.0mm .197"	3.5mm .138"	43.5mm 1.713"	53.0mm 2.087"	Tungsten Carbide	Ruby	CPZ342-8022
	5.0mm .197"	3.5mm .138"	65.0mm 2.558"	75.0mm 2.953"	Stainless Steel	Ruby	CPZ030-9015
	6.0mm .236"	3.5mm .138"	44.5mm 1.752"	54.0mm 2.126"	Tungsten Carbide	Ruby	CPZ342-8026
	7.0mm .276"	3.5mm .138"	45.5mm 1.791"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ342-8027
	8.0mm .315"	6.0mm .236"	56.0mm 2.205"	63.5mm 2.500"	Stainless Steel	Ruby	CPZ342-8023
	8.0mm .315"	6.0mm .236"	61.0mm 2.401"	74.0mm 2.913"	Stainless Steel	Ruby	CPZ030-9014
	8.0mm .315"	6.0mm .236"	62.0mm 2.441"	75.0mm 2.953"	Stainless Steel	Ruby	CPZ030-9016
	8.0mm .315"	6.0mm .236"	87.0mm 3.425"	100.0mm 3.937"	Stainless Steel	Ruby	CPZ030-9017
	8.0mm .315"	6.0mm .236"	107.0mm 4.213"	114.5mm 4.508"	Stainless Steel	Ruby	CPZ342-8024
	9.0mm .354"	6.0mm .236"	57.0mm 2.244"	64.5mm 2.539"	Stainless Steel	Ruby	CPZ342-8028
	10.0mm .394"	6.0mm .236"	58.0mm 2.283"	65.5mm 2.579"	Stainless Steel	Ruby	CPZ342-8029
	10.0mm .394"	6.0mm .236"	105.0mm 4.134"	118.0mm 4.646"	Stainless Steel	Ruby	CPZ030-9018

Ruby Ball Styli - Ceramic Shaft



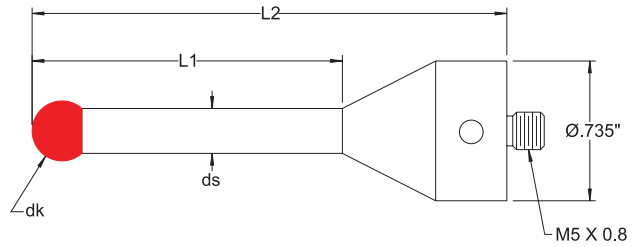
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Order Number
	5.0mm .197"	3.18mm .125"	43.5mm 1.713"	53.0mm 2.087"	Ceramic	CPZ342-8013
	6.0mm .236"	3.18mm .125"	44.5mm 1.752"	54.0mm 2.126"	Ceramic	CPZ342-8016
	7.0mm .276"	3.18mm .125"	45.5mm 1.791"	55.0mm 2.165"	Ceramic	CPZ342-8017
	8.0mm .315"	4.75mm .187"	56.0mm 2.205"	63.5mm 2.500"	Ceramic	CPZ342-8014
	8.0mm .315"	4.75mm .187"	107.0mm 4.213"	114.5mm 4.508"	Ceramic	CPZ342-8015
	9.0mm .354"	4.75mm .187"	57.0mm 2.244"	64.5mm 2.539"	Ceramic	CPZ342-8018
	10.0mm .394"	4.75mm .187"	58.0mm 2.283"	65.5mm 2.579"	Ceramic	CPZ342-8019

Ruby Ball Styli - Standard Probes



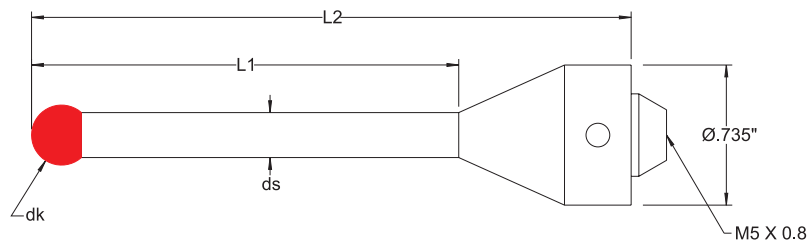
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Order Number
	8.0mm .315"	6.0mm .236"	41.5mm 1.634"	63.5mm 2.500"	Stainless Steel	CPZ342-8123
	8.0mm .315"	6.0mm .236"	92.5mm 3.642"	114.5mm 4.508"	Stainless Steel	CPZ342-8124
	9.0mm .354"	6.0mm .236"	42.5mm 1.673"	64.5mm 2.539"	Stainless Steel	CPZ342-8128
	10.0mm .394"	6.0mm .236"	43.5mm 1.713"	65.5mm 2.579"	Stainless Steel	CPZ342-8129

Ruby Ball Styli - Ceramic Shaft



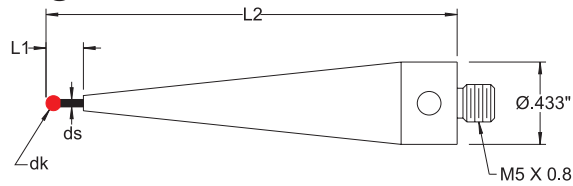
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Order Number
	8.0mm .315"	4.75mm .187"	41.5mm 1.634"	63.5mm 2.500"	Ceramic	CPZ342-8114
	8.0mm .315"	4.75mm .187"	92.5mm 3.642"	114.5mm 4.508"	Ceramic	CPZ342-8115
	9.0mm .354"	4.75mm .187"	42.5mm 1.673"	64.5mm 2.539"	Ceramic	CPZ342-8118
	10.0mm .394"	4.75mm .187"	43.5mm 1.713"	65.5mm 2.579"	Ceramic	CPZ342-8119











Ruby Ball Styli - Universal Probes



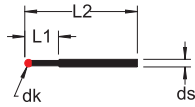
Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Order Number
	3.0mm .118"	2.0mm .079"	21.5mm .846"	50.0mm 1.968"	Tungsten Carbide	CPZ331-9096
	3.0mm .118"	2.0mm .079"	18.0mm .709"	115.0mm 4.528"	Tungsten Carbide	CPZ331-9098
	8.0mm .315"	6.0mm .236"	57.0mm 2.244"	80.0mm 3.150"	Stainless Steel	CPZ331-9097
	8.0mm .315"	6.0mm .236"	56.5mm 2.224"	115.0mm 4.528"	Stainless Steel	CPZ331-9099

Ruby Ball Styli - Light Weight Titanium Probes



Scale 1:2	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Stem Matl.	Ball Matl.	Order Number
	.3mm .012"	.20mm .008"	2.16mm .085"	55.0mm 2.165	Tungsten Carbide	Ruby	CPZ000-0066
						Carbide	CPZ000-0066C
	.5mm .020"	.38mm .015"	3.25mm .128"	55.0mm 2.165	Tungsten Carbide	Ruby	CPZ000-0067
						Carbide	CPZ000-0067C
	.6mm .024"	.46mm .018"	4.29mm .169"	55.0mm 2.165	Tungsten Carbide	Ruby	CPZ000-0068
						Carbide	CPZ000-0068C
	.7mm .028"	.53mm .021"	4.34mm .171"	55.0mm 2.165	Tungsten Carbide	Ruby	CPZ000-0069
						Carbide	CPZ000-0069C
	.8mm .032"	.56mm .022"	4.37mm .172"	55.0mm 2.165	Tungsten Carbide	Ruby	CPZ000-0070
						Carbide	CPZ000-0070C
	1.0mm .039"	0.8mm .031"	4.0mm .157"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ000-0071
	1.5mm .059"	1.0mm .039"	5.0mm .197"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ000-0072
	2.0mm .079"	1.0mm .039"	5.0mm .197"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ000-0073
	2.5mm .098"	1.5mm .059"	5.0mm .197"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ000-0274
	3.5mm .138"	1.5mm .059"	10.0mm .394"	55.0mm 2.165"	Tungsten Carbide	Ruby	CPZ000-0375

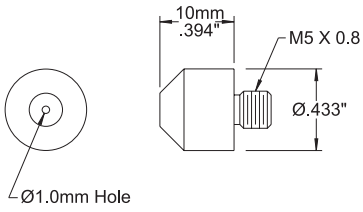
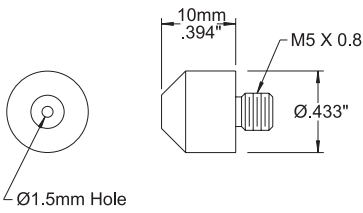
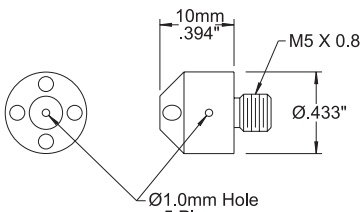
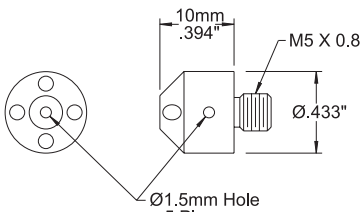
Ruby Ball Styli - Mini Probes



Scale 2:1	dk Ball Size	ds Stem Dia.	L1 EWL	L2 Length	Ball Matl.	Order Number
	0.3mm .012"	1.0mm .039"	2.16mm .085"	15.0mm .591"	Ruby	CPZ341-8450
					Carbide	CPZ341-8450C
	0.5mm .020"	1.0mm .039"	3.25mm .128"	15.0mm .591"	Ruby	CPZ341-8451
					Carbide	CPZ341-8451C
	0.6mm .024"	1.0mm .039"	4.29mm .169"	15.0mm .591"	Ruby	CPZ341-8452
					Carbide	CPZ341-8452C
	0.7mm .028"	1.0mm .039"	4.34mm .171"	15.0mm .591"	Ruby	CPZ341-8455
					Carbide	CPZ341-8455C
	0.8mm .031"	1.0mm .039"	4.37mm .172"	15.0mm .591"	Ruby	CPZ341-8453
					Carbide	CPZ341-8453C
	1.0mm .039"	1.0mm .039"	4.50mm .177"	15.0mm .591"	Ruby	CPZ341-8454
					Carbide	CPZ341-8454C
	1.0mm .039"	1.0mm .039"	4.50mm .177"	25.0mm .984"	Ruby	CPZ341-8504
					Carbide	CPZ341-8504C
	1.35mm .053"	1.0mm .039"	25.0mm .984"	25.0mm .984"	Ruby	CPZ341-8500
					Carbide	CPZ341-8500C
	1.5mm .059"	1.0mm .039"	25.0mm .984"	25.0mm .984"	Ruby	CPZ341-8501
					Carbide	CPZ341-8501C
	2.0mm .079"	1.5mm .059"	25.0mm .984"	25.0mm .984"	Ruby	CPZ341-8502
					Carbide	CPZ341-8502C
	2.5mm .098"	1.5mm .059"	25.0mm .984"	25.0mm .984"	Ruby	CPZ341-8503
					Carbide	CPZ341-8503C

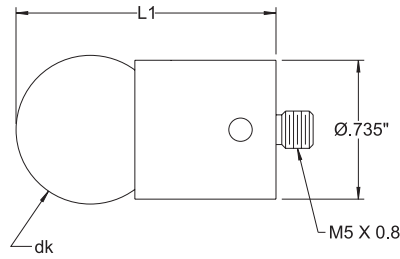
Mini Probes are for use with the Mini Probe Holders on Page 68. They are held in with set screws supplied with the Mini Probe Holders

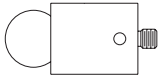
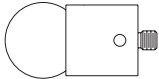
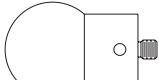
MINI PROBE HOLDERS

Actual Size	Order Number
<p>Single - 1 Way Stylus Holder</p> 	<p>CPZ000-8365</p>
<p>Single - 1 Way Stylus Holder</p> 	<p>CPZ000-8366</p>
<p>5 Way Star Stylus Holder</p> 	<p>CPZ341-8367</p>
<p>5 Way Star Stylus Holder</p> 	<p>CPZ341-8368</p>

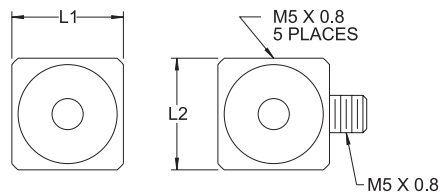
Mini Probe Holders are for use with Mini Probes on Page 67. They are held in with set screws supplied with the Mini Probe Holders

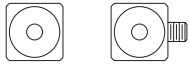
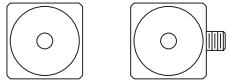
Carbide Ball Styli



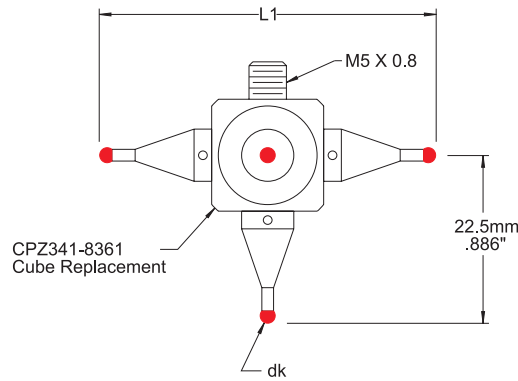
Scale 1:2	dk Ball Size	L1 Length	Base Matl.	Order Number
	15.0mm .591"	35.0mm 1.378"	Stainless Steel	CPZ000-0019
	20.0mm .787"	35.0mm 1.378"	Stainless Steel	CPZ000-0018
	25.0mm .984"	35.0mm 1.378"	Stainless Steel	CPZ000-0017

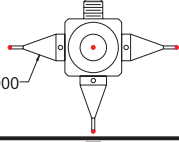
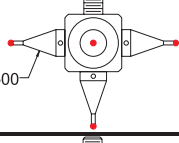
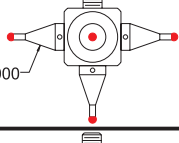
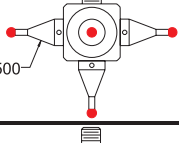
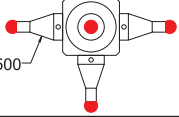
Star Cube



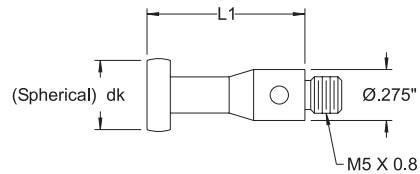
Scale 1:2	L1	L2	Order Number
	15.0mm .591"	15.0mm .591"	CPZ341-8361
	20.0mm .787"	20.0mm .787"	CPZ342-8002

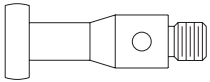
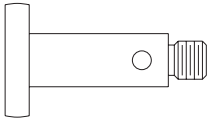
Star Styli



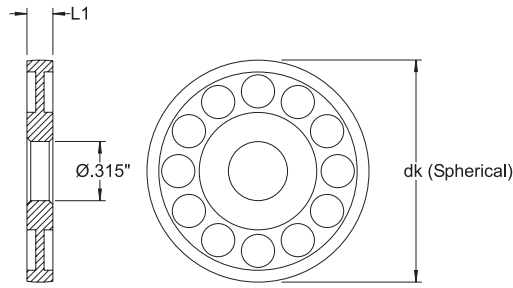
Scale 1:2	dk Ball Size	L1 Length	Order Number
 <p>CPZ040-1000 5 Places</p>	1.0mm .039"	45.0mm 1.772"	CPZ000-0020
 <p>CPZ040-1500 5 Places</p>	1.5mm .059"	45.0mm 1.772"	CPZ000-0030
 <p>CPZ040-2000 5 Places</p>	2.0mm .079"	45.0mm 1.772"	CPZ000-0040
 <p>CPZ040-2500 5 Places</p>	2.5mm .098"	45.0mm 1.772"	CPZ000-0050
 <p>CPZ040-3500 5 Places</p>	3.5mm .138"	45.0mm 1.772"	CPZ000-0060

Disk Styli - Hardened Tool Steel



Actual Size	dk Diameter	L1 Length	Order Number
	10.0mm .394"	21.5mm .846"	CPZ341-8090
	15.0mm .591"	21.5mm .846"	CPZ341-8095

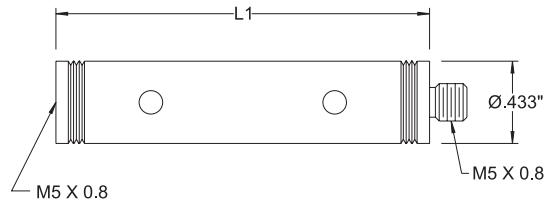
Disk Styli - Hardened Tool Steel

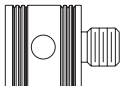
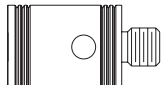
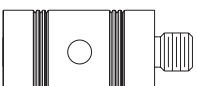
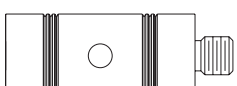
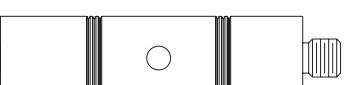


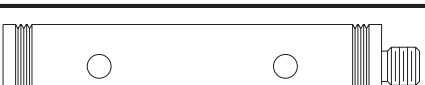






Scale 1:2	dk Diameter	L1 Thickness	Order Number
	30.0mm 1.181"	3.5mm .138"	CPZ341-0203
	40.0mm 1.575"	5.0mm .196"	CPZ341-0204
	50.0mm 1.969"	7.0mm .276"	CPZ341-0205
	60.0mm 2.362"	8.0mm .315"	CPZ341-0206

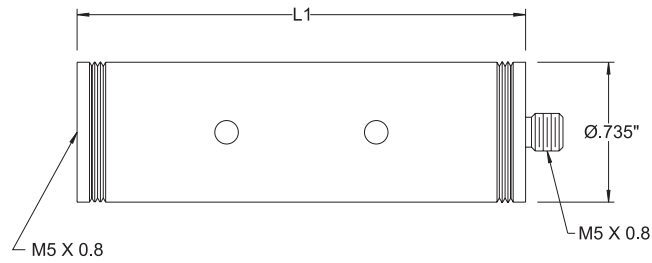
Mount to Extensions or Holders with Screws on Page 74

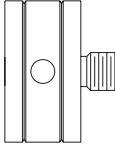
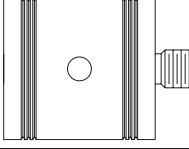
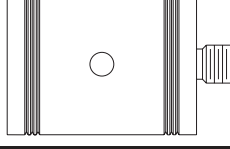
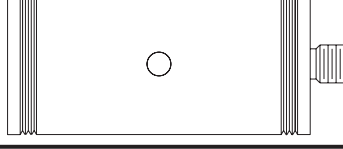
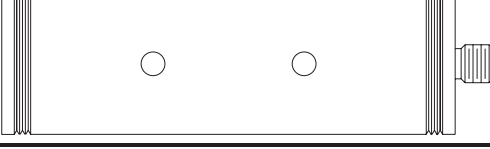

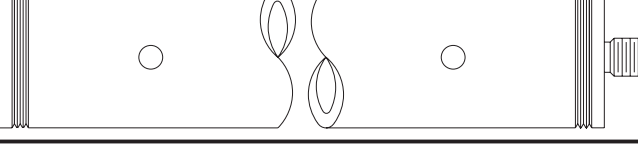
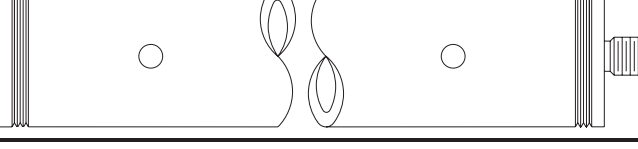
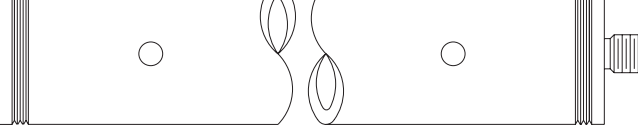
Stylus Extensions



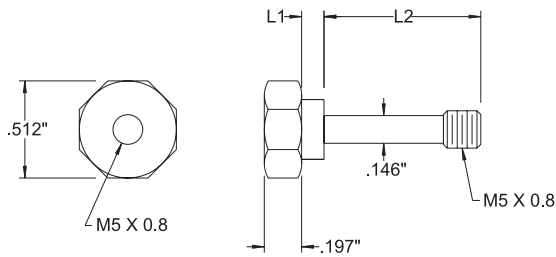
Actual Size	L1 Length	Material	Order Number
	10.0mm .394"	Stainless Steel	CPZ341-0250
	15.0mm .591"	Stainless Steel	CPZ341-0251
	20.0mm .787"	Stainless Steel	CPZ341-0252
	25.0mm .984"	Stainless Steel	CPZ341-0253
	40.0mm 1.575"	Stainless Steel	CPZ341-0254
	25.0mm .984"	Aluminum	CPZ000-0012
	40.0mm 1.575"	Aluminum	CPZ-341-8261
	50.0mm 1.969"	Aluminum	CPZ000-0011
	60.0mm 2.362"	Aluminum	CPZ341-8262
	80.0mm 3.150"	Aluminum	CPZ341-8263
	100.0mm 3.937"	Aluminum	CPZ341-8264
	120.0mm 4.724"	Aluminum	CPZ341-8265

Stylus Extensions



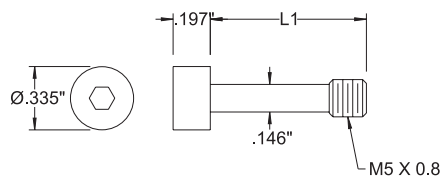
Actual Size	L1 Length	Material	Order Number
	10.0mm .394"	Stainless Steel	CPZ341-0249
	20.0mm .787"	Stainless Steel	CPZ341-0248
	25.0mm .984"	Stainless Steel	CPZ341-0247
	40.0mm 1.575"	Aluminum	CPZ-341-8425
	60.0mm 2.362"	Aluminum	CPZ341-8424
	80.0mm 3.150"	Aluminum	CPZ341-8423
	100.0mm 3.937"	Aluminum	CPZ341-8422
	150.0mm 5.906"	Aluminum	CPZ341-8421
	200.0mm 7.874"	Aluminum	CPZ341-8420

Adapter Screws



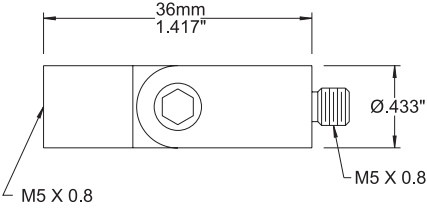
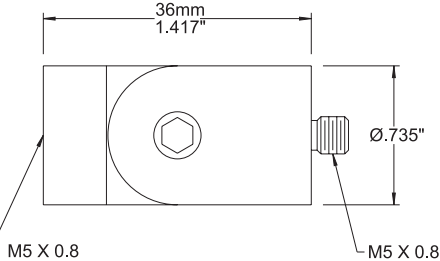
Actual Size	L1	L2	Order Number
	1.3mm .051"	7.5mm .295"	CPZ341-0213
	1.3mm .051"	10.0mm .394"	CPZ341-0212
	3.0mm .118"	10.0mm .394"	CPZ341-0214
	3.0mm .118"	21.0mm .827"	CPZ341-0211
	3.0mm .118"	26.0mm 1.024"	CPZ341-0210

Adapter Screws

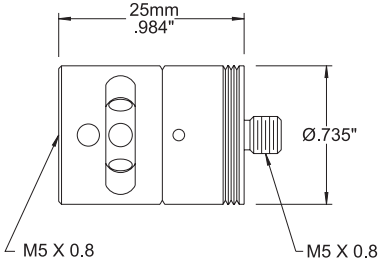


Actual Size	L1	Order Number
adapter screw	21.0mm .827"	CPZ341-0221
adapter screw	26.0mm 1.024"	CPZ341-0220

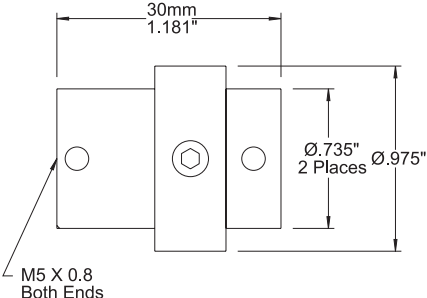
Adjustable Stylus Knuckle

Actual Size	Order Number
 <p>36mm 1.417"</p> <p>Ø.433"</p> <p>M5 X 0.8</p>	CPZ000-0010
 <p>36mm 1.417"</p> <p>Ø.735"</p> <p>M5 X 0.8</p>	CPZ342-9003

Adjustable Rotary Adapter

Actual Size	Order Number
 <p>25mm .984"</p> <p>Ø.735"</p> <p>M5 X 0.8</p>	CPZ341-8356

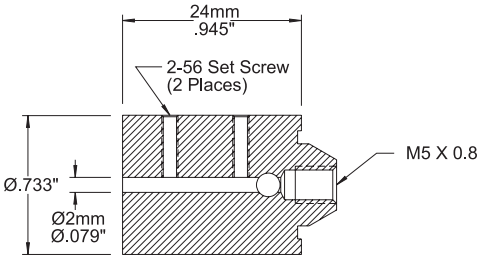
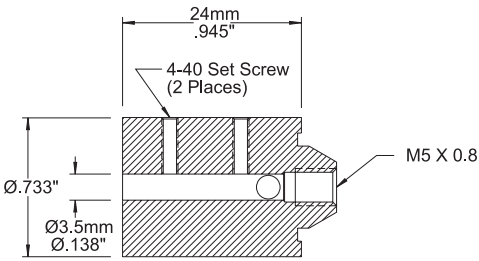
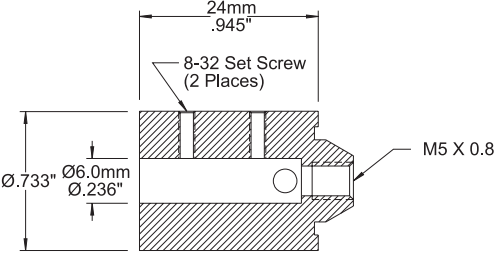
Adjustable Rotary Adapter

Actual Size	Order Number
 <p>30mm 1.181"</p> <p>Ø.735" 2 Places Ø.975"</p> <p>M5 X 0.8 Both Ends</p>	CPZ000-0015

Universal Rotary Adapter	
Actual Size	Order Number
	CPZ331-9094

Special Adapter	
Actual Size	Order Number
	CPZ331-0001

Special Probe Holders

Actual Size	Order Number
 <p>24mm .945"</p> <p>2-56 Set Screw (2 Places)</p> <p>Ø.733"</p> <p>Ø2mm Ø.079"</p> <p>M5 X 0.8</p>	CPZ341-8350
 <p>24mm .945"</p> <p>4-40 Set Screw (2 Places)</p> <p>Ø.733"</p> <p>Ø3.5mm Ø.138"</p> <p>M5 X 0.8</p>	CPZ341-8351
 <p>24mm .945"</p> <p>8-32 Set Screw (2 Places)</p> <p>Ø.733"</p> <p>Ø6.0mm Ø.236"</p> <p>M5 X 0.8</p>	CPZ341-8352