#### SALES & SERVICE:

A Tech Authority, Inc. 13745 Stockton Ave. Chino CA 91710 909-614-4522 sales@atechauthority.com



## PRODUCT CATALOG

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April 2022

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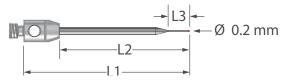
#### 0.2 mm carbide ball with stepped carbide stem



Part Number	L1	L2	Wt	Price
TM2-0210-C	10.0	5.0	0.24	\$190.00
TM2-0215-C	15.0	10.0	0.27	\$190.00
TM2-0218-C	18.0	13.0	0.29	\$190.00
TM2-0220-C	20.0	15.0	0.32	\$190.00

M2 stylus with 0.2 mm diameter carbide ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.17 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

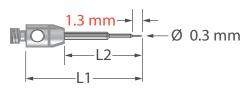
#### 0.2 mm ruby ball with tapered carbide stem



Part Number	L1	L2	L3	Wt	Price
TM2-0210-R	10.0	5.0	2.0	0.21	\$185.00
TM2-0215-R	15.0	10.0	2.0	0.23	\$185.00
TM2-0218-R	18.0	13.0	2.0	0.28	\$185.00
TM2-0220-R	20.0	15.0	2.0	0.30	\$185.00
TM2-0223-R	23.0	15.0	1.3	0.33	\$310.00

M2 stylus with 0.2 mm diameter ruby ball, tapered carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.15 mm\* and major diameter is 1.0 mm. \*Note: minor stem diameter on TM2-0223-R is 0.10 mm.

#### 0.3 mm carbide ball with stepped carbide stem



Part Number L1 L2 Wt Price TM2-0310-C 10.0 5.0 0.24 \$126.00 TM2-0313-C 13.0 8.0 0.27 \$132.00 TM2-0315-C 15.0 10.0 0.29 \$132.00 TM2-0318-C 18.0 13.0 0.32 \$132.00 TM2-0319-C 0.33 \$132.00 19.0 14.0 TM2-0320-C 20.0 15.0 0.34 \$135.00

L1

10.0

180 130

20.0

23.0

L2

5.0 0.21

15.0

13.0

Wt

0.30

0.33

0.35

Price

\$110.00

\$121.00

\$135.00

\$135.00

Part Number

TM2-0310-R

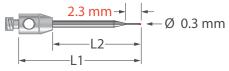
TM2-0318-R

TM2-0320-R

TM2-0323-R

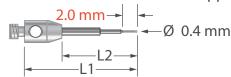
M2 stylus with 0.3 mm diameter carbide ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.2 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

#### 0.3 mm ruby ball with tapered carbide stem



M2 stylus with 0.3 mm diameter ruby ball, tapered carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.2 mm and major diameter is 1.0 mm.

0.4 mm carbide ball with stepped carbide stem



12 Part Number L1 Wt Price TM2-0410-C 10.0 5.0 0.21 \$120.00 TM2-0415-C 10.0 \$125.00 15.0 0.26 TM2-0418-C 18.0 13.0 0.29 \$125.00

M2 stylus with 0.4 mm diameter carbide ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.25 mm, intermediate diameter is 0.5 mm, major diameter is 1.0 mm.

#### 0.4 mm ruby or silicon nitride ball with tapered carbide stem



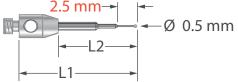
M2 stylus with 0.4 mm diameter ruby ball, tapered carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

#### \*NOTE: For a ruby ball, add -R to the part number. \*\*NOTE: For a silicon nitride ball, add -SN to the part number.





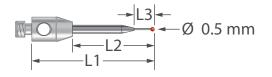
#### 0.5 mm carbide ball with stepped carbide stem



Part Number	L1	L2	Wt	Price
TM2-0510-C	10.0	5.0	0.22	\$110.00
TM2-0513-C	13.0	8.0	0.25	\$103.00
TM2-0515-C	15.0	10.0	0.27	\$103.00
TM2-0518-C	18.0	13.0	0.30	\$103.00
TM2-0520-C	20.0	15.0	0.33	\$103.00

M2 stylus with 0.5 mm diameter carbide ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm, intermediate diameter is 0.6 mm, major diameter is 1.0 mm.

#### 0.5 mm ruby or silicon nitride ball with tapered carbide stem



Part Number	L1	L2	L3	Wt	Ruby*	Silicon Nitride**
TM2-0510	10.0	5.0	2.5	0.31	\$89.00	\$119.00
TM2-0510.25	10.25	4.25	3.25	0.31	\$89.00	\$119.00
TM2-0518	18.0	13.0	2.5	0.32	\$115.00	\$145.00
TM2-0519	19.0	14.0	2.5	0.32	\$115.00	\$145.00
TM2-0520	20.0	15.0	2.5	0.33	\$115.00	\$145.00

M2 stylus with 0.5 mm diameter ruby or silicon nitride ball, tapered carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm\*, major diameter is 1.0 mm. \*Note: minor stem diameter is 0.4 mm on part number TM2-0510.25.

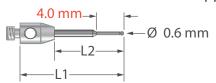
#### 0.5 mm ball with 0.3 mm carbide stem



Part Number	L	Wt	Ruby*	Silicon Nitride**
TM2-0520-07	20.0	0.30	\$97.00	\$160.00

M2 stylus with 0.5 mm diameter ball, 0.3 mm diameter carbide stem, and 3.0 mm diameter x 13.0 mm long stainless steel base.

#### 0.6 mm carbide ball with stepped carbide stem

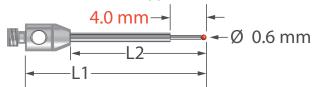


——20.0 mm-

Ξ.					
	Part Number	L1	L2	Wt	Carbide
	TM2-0610-C	10.0	5.0	0.25	\$125.00
	TM2-0615-C	15.0	10.0	0.31	\$130.00
	TM2-0618-C	18.0	13.0	0.34	\$130.00
	TM2-0620-C	20.0	15.0	0.36	\$130.00
	TM2-0630-C	30.0	22.0	0.47	\$140.00

M2 stylus with 0.6 mm diameter carbide ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.4 mm, major diameter is 1.0 mm.

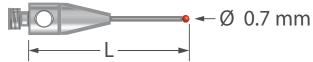
#### 0.6 mm ball with stepped carbide stem



Part Number	L1	L2	Wt	Ruby*	Silicon Nitride**	Zirconia***
TM2-0610	10.0	5.0	0.26	\$88.00	\$118.00	\$118.00
TM2-0615	15.0	10.0	0.31	\$88.00	\$118.00	\$118.00
TM2-0618	18.0	13.0	0.35	\$88.00	\$118.00	\$118.00
TM2-0620	20.0	15.0	0.37	\$88.00	\$118.00	\$118.00

M2 stylus with 0.6 mm diameter ruby ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 0.4 mm, major diameter is 1.0 mm.

#### 0.7 mm ruby ball with 0.5 mm carbide stem



010	10.0	10.0	0.00	ψ00.00	φ110.00	φ110.00	
620	20.0	15.0	0.37	\$88.00	\$118.00	\$118.00	
<sup>-</sup> stair	iless s	teel b	ase. N	/linor ste	em diameter is	0.4 mm,	

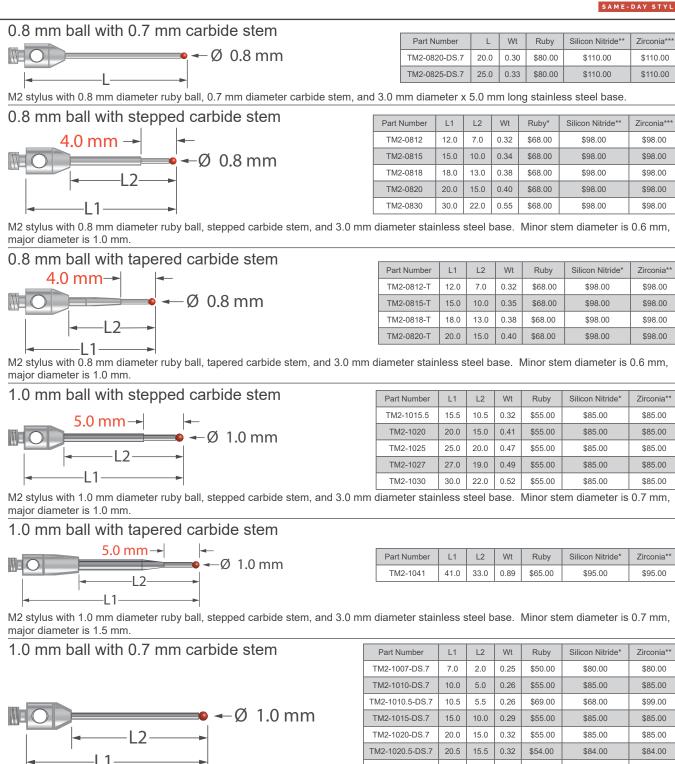
Part Number	L	Wt	Price
TM2-0710	10.0	0.24	\$79.00
TM2-0720.35	20.35	0.30	\$97.00

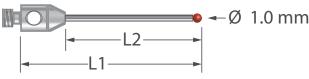
M2 stylus with 0.7 mm diameter ruby ball, 0.5 mm diameter carbide stem, and 3.0 mm diameter x 8.0 mm long stainless steel base.

#### \*NOTE: For a ruby ball, add -R to the part number. \*\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*\*NOTE: For a zirconia ball, add -Z to the part number.









Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-1007-DS.7	7.0	2.0	0.25	\$50.00	\$80.00	\$80.00
TM2-1010-DS.7	10.0	5.0	0.26	\$55.00	\$85.00	\$85.00
TM2-1010.5-DS.7	10.5	5.5	0.26	\$69.00	\$68.00	\$99.00
TM2-1015-DS.7	15.0	10.0	0.29	\$55.00	\$85.00	\$85.00
TM2-1020-DS.7	20.0	15.0	0.32	\$55.00	\$85.00	\$85.00
TM2-1020.5-DS.7	20.5	15.5	0.32	\$54.00	\$84.00	\$84.00
TM2-1027.5-DS.7	27.5	20.5	0.40	\$55.00	\$85.00	\$85.00
TM2-1030-DS.7	30.0	22.0	0.42	\$66.00	\$96.00	\$96.00
TM2-1034-DS.7	34.0	26.0	0.47	\$85.00	\$115.00	\$115.00
TM2-1055-DS.7	55.0	47.0	0.59	\$85.00	\$115.00	\$115.00

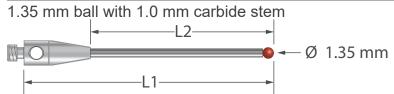
M2 stylus with 1.0 mm diameter ruby ball, 0.7 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.







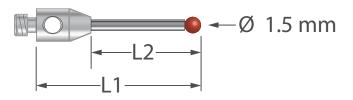
M2 stylus with 1.0 mm diameter ruby ball, 0.8 mm diameter carbide stem, and 3.0 mm diameter stainless steel base



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*
TM2-1315	15.0	10.0	0.38	\$45.00	\$75.00
TM2-1320	20.0	15.0	0.44	\$45.00	\$75.00
TM2-1325	25.0	17.0	0.51	\$45.00	\$75.00
TM2-1330	30.0	22.0	0.57	\$50.00	\$80.00

M2 stylus with 1.35 mm diameter ruby ball, 1.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.

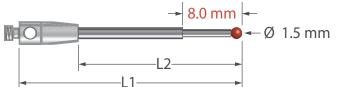
1.5 mm ball with 1.0 mm carbide stem



		,				
Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-1510	10.0	5.0	0.29	\$43.00	\$73.00	\$73.00
TM2-1515	15.0	10.0	0.35	\$43.00	\$73.00	\$73.00
TM2-1520	20.0	15.0	0.40	\$43.00	\$73.00	\$73.00
TM2-1520.75	20.75	13.75	0.41	\$54.00	\$80.00	\$80.00
TM2-1525	25.0	17.0	0.46	\$43.00	\$73.00	\$73.00
TM2-1530.75-DS1	30.75	22.75	0.56	\$37.00	\$73.00	\$80.00
TM2-1535-DS1	35.0	27.0	0.61	\$43.00	\$73.00	\$73.00

M2 stylus with 1.5 mm diameter ball, 1.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.

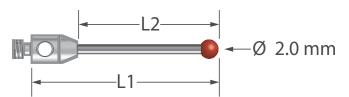
#### 1.5 mm ball with stepped carbide stem



Part Number	L1	L2	VVt	Ruby	Silicon Nitride*	Zirconia**
TM2-1530	30.0	22.0	0.92	\$66.00	\$96.00	\$96.00
TM2-1540	40.0	32.0	1.17	\$66.00	\$96.00	\$96.00

M2 stylus with 1.5 mm diameter ball, stepped carbide stem, and 3.0 mm diameter stainless steel base. Minor stem diameter is 1.0 mm, major diameter is 1.5 mm.

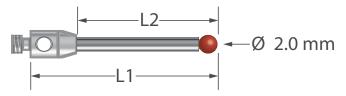




Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-2010	10.0	5.0	0.30	\$43.00	\$73.00	\$73.00
TM2-2015	15.0	10.0	0.36	\$43.00	\$73.00	\$73.00
TM2-2020	20.0	15.0	0.42	\$43.00	\$73.00	\$73.00
TM2-2021	21.0	15.0	0.43	\$26.00	\$85.00	\$85.00
TM2-2025	25.0	20.0	0.46	\$43.00	\$73.00	\$73.00
TM2-2031-DS1	31.0	23.0	0.61	\$43.00	\$73.00	\$73.00
TM2-2040-DS1	40.0	32.0	0.70	\$43.00	\$73.00	\$73.00

M2 stylus with 2.0 mm diameter ball, 1.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel b

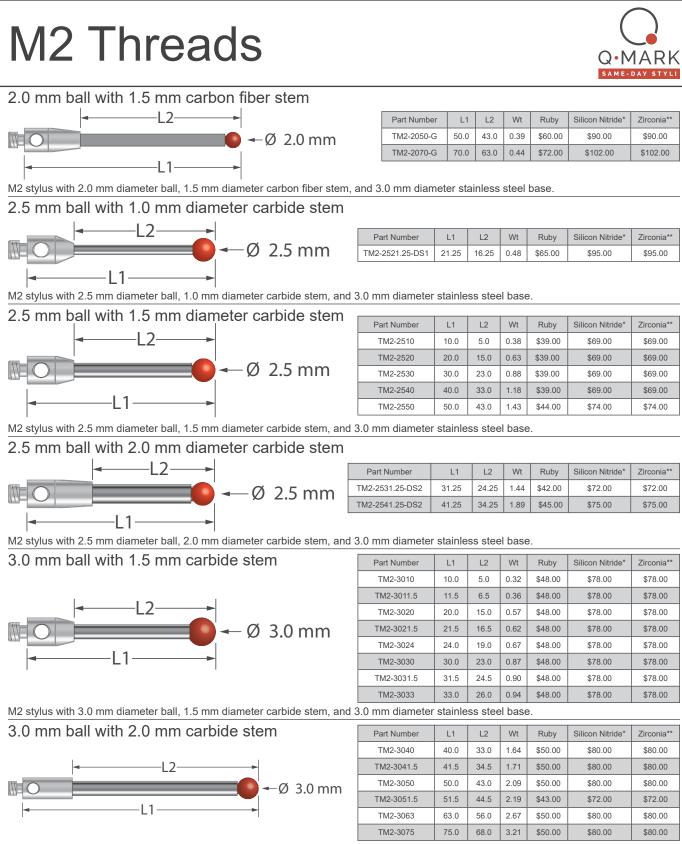
#### 2.0 mm ball with 1.5 mm carbide stem



13	5.0 mm diameter	stainie	ss stee	e pase	Э.		
	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
	TM2-2030	30.0	23.0	0.90	\$43.00	\$73.00	\$73.00
	TM2-2031	31.0	24.0	0.99	\$43.00	\$73.00	\$73.00
	TM2-2035	35.0	28.0	1.04	\$43.00	\$73.00	\$73.00
	TM2-2040	40.0	33.0	1.17	\$43.00	\$73.00	\$73.00
	TM2-2041	41.0	34.0	1.20	\$44.00	\$74.00	\$74.00
	TM2-2050	50.0	43.0	1.42	\$50.00	\$80.00	\$80.00
	TM2-2060	60.0	53.0	1.69	\$50.00	\$80.00	\$80.00
	TM2-2070	70.0	63.0	1.96	\$55.00	\$85.00	\$85.00

M2 stylus with 2.0 mm diameter ball, 1.5 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.





M2 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel base

\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a zirconia ball, add -Z to the part number.





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3.0 mm ball with 2.0 mm ceramic stem	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
	TM2-3031.5-C	31.5	24.5	0.65	\$70.00	\$100.00	\$100.00					
L2	TM2-3050-C	50.0	43.0	0.77	\$61.00	\$91.00	\$91.00					
	TM2-3051.5-C	51.5	44.5	0.79	\$70.00	\$100.00	\$100.00					
L1	TM2-3060-C	60.0	53.0	0.89	\$66.00	\$96.00	\$96.00					
	TM2-3070-C	70.0	63.0	1.01	\$66.00	\$96.00	\$96.00					
M2 stylus with 3.0 mm diameter ball, 2.0 mm diameter ceramic stem, and	3.0 mm diamete	er stain	less ste	eel bas	se.							
3.0 mm ball with 2.0 mm carbon fiber stem	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
<b>∢</b> 2►	TM2-3031.5-G	31.5	24.5	0.65	\$59.00	\$89.00	\$89.00					
	TM2-3040-G	40.0	33.0	0.77	\$61.00	\$91.00	\$91.00					
	TM2-3041.5-G	41.5	34.5	0.79	\$100.00	\$130.00	\$130.00					
l≪L1>	TM2-3050-G	50.0	43.0	0.89	\$61.00	\$91.00	\$91.00					
M2 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base.												
4.0 mm ball with 2.0 mm carbide stem	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
	TM2-4012	12.0	6.0	0.49	\$48.00	\$78.00	\$78.00					
	TM2-4020	20.0	15.0	0.85	\$48.00	\$78.00	\$78.00					
2	TM2-4022	22.0	17.0	0.94	\$48.00	\$78.00	\$78.00					
	TM2-4025	25.0	18.0	1.03	\$48.00	\$78.00	\$78.00					
▲Ø 4.0 mm	TM2-4030	30.0	23.0	1.36	\$48.00	\$78.00	\$78.00					
	TM2-4032	32.0	25.0	1.45	\$40.00	\$70.00	\$70.00					
<l1►< td=""><td>TM2-4042</td><td>42.0</td><td>35.0</td><td>1.90</td><td>\$40.00</td><td>\$70.00</td><td>\$70.00</td></l1►<>	TM2-4042	42.0	35.0	1.90	\$40.00	\$70.00	\$70.00					
	TM2-4050	50.0	43.0	2.23	\$50.00	\$80.00	\$80.00					
	TM2-4052	52.0	45.0	2.32	\$40.00	\$70.00	\$70.00					
M2 stylus with 4.0 mm diameter ball, 2.0 mm diameter carbide stem, and	3.0 mm diamete	er stainle	ess ste	el bas	e.							
4.0 mm ball with 2.0 mm ceramic stem	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
<b>◄</b> L2►	TM2-4032-C	32.0	25.0	0.65	\$46.00	\$76.00	\$76.00					
	TM2-4042-C	42.0	35.0	0.74	\$65.00	\$95.00	\$95.00					
	TM2-4050-C	50.0	43.0	0.84	\$65.00	\$95.00	\$95.00					
<l1></l1>	TM2-4052-C	52.0	45.0	0.86	\$65.00	\$95.00	\$95.00					
M2 stylus with 4.0 mm diameter ball, 2.0 mm diameter ceramic stem, and	3.0 mm diamete	er stain	less ste	eel bas	se.							
4.0 mm ball with 2.5 mm ceramic stem	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
	TM2-4060-C	60.0	53.0	1.26	\$70.00	\$100.00	\$100.00					
	TM2-4087-C	87.0	80.0	1.77	\$75.00	\$105.00	\$105.00					
	TM2-4090-C	90.0	83.0	1.83	\$75.00	\$105.00	\$105.00					
<l1►< td=""><td>TM2-40100-C</td><td>100.0</td><td>93.0</td><td>2.03</td><td>\$77.00</td><td>\$107.00</td><td>\$107.00</td></l1►<>	TM2-40100-C	100.0	93.0	2.03	\$77.00	\$107.00	\$107.00					
M2 stylus with 4.0 mm diameter ball, 2.5 mm diameter ceramic stem, and	3.0 mm diamete	er stain	less str		20							
4.0 mm ball with 2.0 mm carbon fiber stem		c. cruin										
L2	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**					
🖉 🔿 🚽 🖉 4.0 mm	TM2-4077-G-DS2	77.0	70.0	0.71	\$99.00	\$129.00	\$129.00					
				l								
<l1></l1>												

M2 stylus with 4.0 mm diameter ball, 2.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base.

\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a zirconia ball, add -Z to the part number.





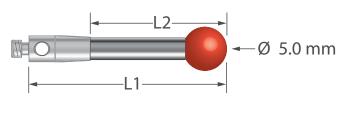
4.0 mm ball with 3.0 mm carbon fil	per stem
L2	
	←Ø 4.0 mm

Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-4052-G	52.0	45.0	1.17	\$85.00	\$115.00	\$115.00
TM2-4060-G	60.0	53.0	1.26	\$85.00	\$115.00	\$115.00
TM2-4087-G	87.0	80.0	1.77	\$85.00	\$115.00	\$115.00
TM2-4090-G	90.0	83.0	1.83	\$95.00	\$125.00	\$125.00
TM2-40100-G	100.0	93.0	2.03	\$100.00	\$130.00	\$130.00
TM2-40102-G	102.0	95.0	2.05	\$105.00	\$135.00	\$135.00

M2 stylus with 4.0 mm diameter ball, 3.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base.

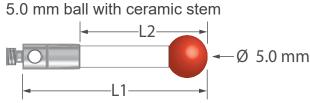
#### 5.0 mm ball with 2.5 mm carbide stem

-L1-



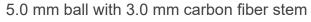
Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-5010	10.0	5.0	0.72	\$48.00	\$78.00	\$78.00
TM2-5020	20.0	14.0	1.40	\$48.00	\$78.00	\$78.00
TM2-5022.5	22.5	16.5	1.88	\$43.00	\$80.00	\$80.00
TM2-5030	30.0	24.0	2.08	\$54.00	\$84.00	\$84.00
TM2-5032.5	32.5	26.5	2.45	\$48.00	\$89.00	\$89.00
TM2-5040	40.0	34.0	2.76	\$54.00	\$84.00	\$84.00
TM2-5042.5	42.5	36.5	3.08	\$52.00	\$82.00	\$82.00
TM2-5050	50.0	44.0	3.44	\$58.00	\$88.00	\$88.00
TM2-5052.5	52.5	46.5	3.75	\$52.00	\$82.00	\$82.00

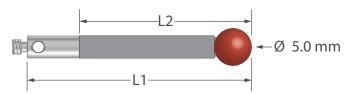
M2 stylus with 5.0 mm diameter ball, 2.5 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.



Part Number	L1	L2	Stem Dia	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-5032.5-C	32.5	26.5	2.5	0.89	\$75.00	\$105.00	\$105.00
TM2-5052.5-C	52.5	46.5	3.0	1.27	\$80.00	\$110.00	\$110.00

M2 stylus with 5.0 mm diameter ball, ceramic stem, and 3.0 mm diameter stainless steel base.

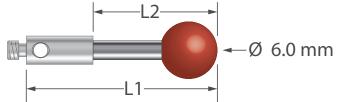




-							
	Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
	TM2-5032.5-G	32.5	26.5	0.66	\$89.00	\$110.00	\$110.00
	TM2-5050-G	50.0	44.0	0.70	\$63.00	\$93.00	\$93.00
	TM2-5052.5-G	52.5	45.5	0.88	\$90.00	\$120.00	\$120.00
	TM2-5070-G	70.0	63.0	0.96	\$77.00	\$107.00	\$107.00
	TM2-5077.5-G	77.5	70.5	1.22	\$109.00	\$118.00	\$118.00
	TM2-5080-G	80.0	73.0	1.26	\$79.00	\$109.00	\$109.00
	TM2-50102.5-G	102.5	95.5	1.51	\$120.00	\$150.00	\$150.00

M2 stylus with 5.0 mm diameter ball, 3.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base.

#### 6.0 mm ball with 2.0 mm carbide stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-6013	13.0	8.0	0.94	\$61.00	\$91.00	\$91.00
TM2-6025	25.0	18.0	1.25	\$72.00	\$102.00	\$102.00
TM2-6030	30.0	23.0	1.47	\$72.00	\$102.00	\$102.00

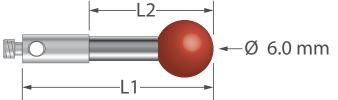
M2 stylus with 6.0 mm diameter ball, 2.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.

\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a zirconia ball, add -Z to the part number.





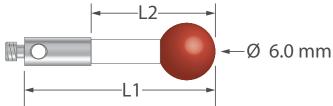
#### 6.0 mm ball with 2.5 mm carbide stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-6025-DS2.5	25.0	18.0	1.83	\$90.00	\$120.00	\$120.00
TM2-6030-DS2.5	30.0	23.0	2.17	\$90.00	\$120.00	\$120.00
TM2-6050	50.0	43.0	3.53	\$72.00	\$102.00	\$102.00

M2 stylus with 6.0 mm diameter ball, 2.5 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.

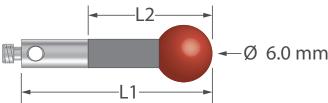
#### 6.0 mm ball with 2.5 mm ceramic stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-6033-C	33.0	26.0	1.10	\$85.00	\$115.00	\$115.00
TM2-6053-C	53.0	46.0	1.35	\$75.00	\$105.00	\$105.00

M2 stylus with 6.0 mm diameter ball, 2.5 mm diameter ceramic stem, and 3.0 mm diameter stainless steel base.

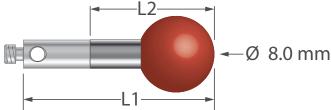
#### 6.0 mm ball with 3.0 mm carbon fiber stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-6033-G	33.0	26.0	0.87	\$95.00	\$115.00	\$115.00
TM2-6053-G	53.0	46.0	1.08	\$95.00	\$115.00	\$115.00
TM2-6060-G	60.0	53.0	1.16	\$95.00	\$125.00	\$125.00
TM2-6078-G	78.0	71.0	1.36	\$119.00	\$120.00	\$120.00
TM2-60103-G	103.0	96.0	1.63	\$125.00	\$135.00	\$135.00

M2 stylus with 6.0 mm diameter ball, 3.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base. Stem diameter of part number TM2-6033-G is 2.5 mm.

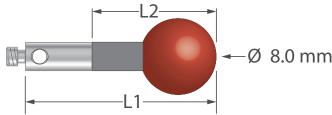
8.0 mm ball with 3.0 mm carbide stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-8020	20.0	13.0	2.35	\$77.00	\$107.00	\$107.00
TM2-8025	25.0	18.0	2.86	\$80.00	\$110.00	\$110.00

M2 stylus with 8.0 mm diameter ball, 3.0 mm diameter carbide stem, and 3.0 mm diameter stainless steel base.

#### 8.0 mm ball with 3.0 mm carbon fiber stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM2-8050-G	50.0	43.0	1.56	\$88.00	\$118.00	\$118.00
TM2-8060-G	60.0	53.0	1.67	\$88.00	\$118.00	\$118.00
TM2-80104-G	104.0	97.0	2.15	\$102.00	\$132.00	\$132.00

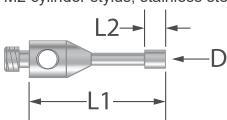
M2 stylus with 8.0 mm diameter ball, 3.0 mm diameter carbon fiber stem, and 3.0 mm diameter stainless steel base.

\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a zirconia ball, add -Z to the part number.





M2 extensions, stainless steel	Part Number	L	Wt	Price
	VM2-5	5.0	0.20	\$11.00
	VM2-7	7.0	0.28	\$11.00
	VM2-10	10.0	0.46	\$13.00
	VM2-15	15.0	0.73	\$12.00
	VM2-20	20.0	1.00	\$13.00
	VM2-25	25.0	1.26	\$13.00
	VM2-30	30.0	1.53	\$13.00
	VM2-35	35.0	1.80	\$15.00
	VM2-40	40.0	2.07	\$18.00
	VM2-50	50.0	2.60	\$18.00
	VM2-60	60.0	3.14	\$21.00
	VM2-75	75.0	3.94	\$25.00
	VM2-90	90.0	4.74	\$25.00
	VM2-100	100.0	5.28	\$30.00
M2 extension, 3.0 mm diameter. Stainless steel.	VM2-110	110.0	5.82	\$30.00
M2 extensions, ceramic and stainless steel	Part Number	L	Wt	Price
	VM2-20-C	20.0	0.51	\$55.00
	VM2-30-C	30.0	0.71	\$55.00
	VM2-40-C	40.0	0.92	\$55.00
	VM2-50-C	50.0	1.13	\$58.00
<l></l>	VM2-60-C	60.0	1.35	\$65.00
	VM2-80-C	80.0	1.78	\$70.00
M2 extension, 3.0 mm diameter. Ceramic with stainless steel end fittings.	VM2-100-C	100.0	2.20	\$70.00
M2 extensions, carbon fiber and stainless steel	Part Number	L	Wt	Price
,	VM2-20-G	20.0	0.43	\$70.00
	VM2-30-G	30.0	0.49	\$75.00
	VM2-40-G	40.0	0.59	\$80.00
	VM2-50-G	50.0	0.68	\$80.00
	VM2-60-G	60.0	0.86	\$85.00
	VM2-70-G	70.0	0.97	\$90.00
	VM2-90-G	90.0	1.19	\$95.00
	VM2-100-G	100.0	1.30	\$100.00
	VM2-140-G	140.0	1.74	\$130.00
M2 extension, 3.0 mm diameter. Carbon fiber with stainless steel end fittings.	VM2-150-G	150.0	1.85	\$135.00
M2 cylinder stylus, stainless steel				



Part Number	D	L1	L2	Wt	Price
TM2-1511-CYL	1.5	11.0	1.5	0.29	\$15.00
TM2-3013-CYL	3.0	13.0	4.0	1.67	\$15.00

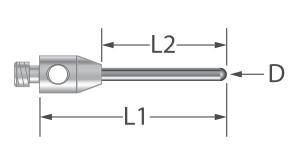
M2 stylus with stainless steel cylinder, 1.0 mm diameter stainless steel stem, and 3.0 mm diameter stainless steel base.





#### Important notes about cylinder styli

Cylinder styli are used for edge probing, for instance, the edges of stampings and thin sheet metal parts. Cylinder styli are not suitable for high accuracy work because the form of a cylinder is not as precise as a sphere. Please contact us with any questions about how to calibrate or use cylinder styli.

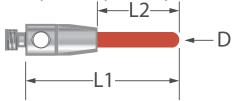


Part Number	D	L1	L2	Wt	Price
TM2-0310-BC	0.3	10.0	3.0	0.28	\$209.00
TM2-0515-BC	0.5	15.0	8.0	0.28	\$180.00
TM2-0520-BC	0.5	20.0	15.0	0.30	\$265.00
TM2-0608-BC	0.6	8.0	3.0	0.25	\$160.00
TM2-0715-BC	0.7	15.0	10.0	0.30	\$110.00
TM2-0720-BC	0.7	20.0	15.0	0.35	\$110.00
TM2-1015-BC	1.0	15.0	10.0	0.34	\$125.00
TM2-1020.5-BC	1.0	20.5	15.5	0.40	\$125.00
TM2-1030-BC	1.0	30.0	23.0	0.57	\$135.00
TM2-1036-BC	1.0	36.0	29.0	0.63	\$140.00
TM2-1515-BC	1.5	15.0	10.0	0.55	\$85.00
TM2-1520-BC	1.5	20.0	15.0	0.86	\$90.00
TM2-2016-BC	2.0	16.0	9.0	0.72	\$79.00
TM2-2040-BC	2.0	40.0	33.0	1.85	\$79.00
TM2-2048-BC	2.0	48.0	41.0	2.21	\$105.00
TM2-3024-BC	3.0	24.0	19.0	1.89	\$135.00

M2 stylus with carbide cylinder and 3.0 mm diameter stainless steel base.

M2 cylinder stylus, carbide, with stainless steel base

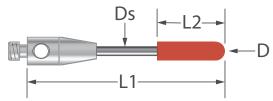
M2 cylinder stylus, ruby, with stainless steel base



Part Number	D	L1	L2	Wt	Price
TM2-1015-B	1.0	15.0	8.0	0.28	\$143.00
TM2-1515-B	1.5	15.0	8.0	0.28	\$149.00

M2 stylus with ruby cylinder and 3.0 mm diameter stainless steel base.

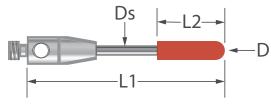
M2 cylinder stylus, ruby, with stainless steel base and stem



Part Number	D	Ds	L1	L2	Wt	Price
TM2-2021-B	2.0	1.6	21.0	7.2	0.49	\$108.00
TM2-4022-B	4.0	2.0	22.0	10.0	0.93	\$128.00

M2 stylus with ruby cylinder and 3.0 mm diameter stainless steel base.

#### M2 cylinder stylus, ruby, with stainless steel base and carbide stem



Part Number	D	Ds	L1	L2	Wt	Price
TM2-2025-B	2.0	1.0	25.0	7.2	0.45	\$118.00
ТМ2-2035-В	2.0	1.0	35.0	7.2	0.56	\$118.00
ТМ2-2040-В	2.0	1.0	40.0	7.2	0.61	\$123.00
ТМ2-4020-В	4.0	2.0	20.0	10.0	0.90	\$138.00

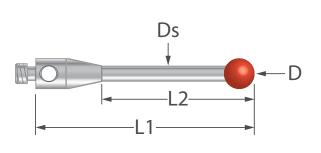
M2 stylus with ruby cylinder and 3.0 mm diameter stainless steel base.





Silicon Nitride\*

#### M2 stylus with one-piece stainless steel base and stem

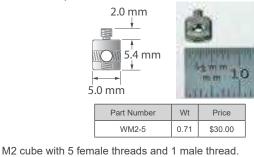


TM2-1010.5-S	1.0	0.7	10.5	4.85	0.22	\$31.00	\$61.00
TM2-1020.5-S	1.0	0.7	20.5	7.5	0.42	\$34.00	\$64.00
TM2-1510.75-S	1.5	0.7	10.75	5.25	0.24	\$21.00	\$51.00
TM2-1520.75-S	1.5	1.0	20.75	8.75	0.44	\$22.00	\$52.00
TM2-2011-S	2.0	1.0	11.0	6.5	0.26	\$21.00	\$54.00
TM2-2021-S	2.0	1.4	21.0	15.0	0.43	\$24.00	\$54.00
TM2-2511.25-S	2.5	1.0	11.25	6.75	0.27	\$21.00	\$51.00
TM2-2521.25-S	2.5	1.4	21.25	15.25	0.47	\$24.00	\$54.00
TM2-3011.5-S	3.0	1.5	11.5	5.0	0.26	\$21.00	\$51.00
TM2-3021.5-S	3.0	1.5	21.5	15.0	0.41	\$24.00	\$54.00
TM2-4012-S	4.0	1.5	12.0	7.0	0.41	\$21.00	\$51.00
TM2-4022-S	4.0	1.5	22.0	16.0	0.70	\$25.00	\$55.00
TM2-5012.5-S	5.0	2.5	12.5	8.5	0.63	\$36.00	\$66.00
TM2-6013-S	6.0	2.5	13.0	9.0	0.72	\$38.00	\$68.00

M2 stylus with 3.0 mm diameter stainless steel base.

M2 cube, stainless steel

M2 Stylus Kit



Part Number

D

Ds

L1

L2

Wt

Ruby



M2 stylus knuckle, stainless steel, with hex wrench for adjustment.



**Kit Contents** 

Part Number	Description	Qty
TM2-1520-BC	1.5 mm carbide cylinder stylus	1
VM2-20	20.0 mm extension, stainless steel	1
VM2-10	10.0 mm extension, stainless steel	1
VM2-5	5.0 mm extension, stainless steel	1
STR2-2030	Star probe with 2.0 mm ruby styli	1
PK-2	Probe key for M2 products	1

 Kit Price

 Kit Part Number
 Price

 OGP-M2KIT
 \$600.00

		1.	<u> </u>
Part Number	Description	Qty	
TM2-3031.5-DS2	3.0 mm ruby stylus	1	
TM2-2020	2.0 mm ruby stylus	1	
TM2-1020-DS.7	1.0 mm ruby stylus	1	
TM2-1515	1.5 mm ruby stylus	1	
TM2-0812	0.8 mm ruby stylus	1	
GM2-16	Knuckle joint, 2-way	1	
KM2-HUB-6	Six-sided star hub	1	

M2 stylus kit consisting of thirteen items and protective case. A \$646.00 value if sold separately.

#### \*NOTE: For a silicon nitride ball, add -SN to the part number.





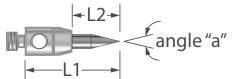
Price

\$65.00

\$65.00

\$65.00

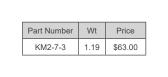
#### M2 pointed stylus, stainless steel, with carbide point



M2 pointed styli with 3.0 mm diameter stainless steel base and carbide point.

#### M2 four-way star hub, adjustable





Two-piece M2 star hub with three tapped holes, 120 degrees apart. Fully adjustable. Stainless steel.

M2 six-sided star hub, adjustable



#### M2 five-way star hub, adjustable

Part Number

TM2-S30-C

TM2-S60-C

TM2-S90-C

"a"

30.0

60.0

90.0

L1

10.0

10.0

10.0

L2

5.0

3.0

3.0

Wt

0.34

0.39

0.40



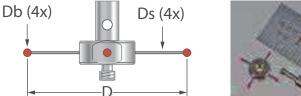
Part Number	Wt	Price
KM2-10	1.13	\$45.00

Two-piece M2 star hub with four tapped holes, 90 degrees apart. Fully adjustable. Stainless steel.

Part Number	Wt	Price
KM2-HUB-6	0.68	\$65.00

Two-piece M2 six-sided star hub with captive flat head screw for attaching to an M2 extension. All stainless steel. Measures 7.0 mm across opposing flats by 3.0 mm thick. Styli not included.

#### M2 star probe, adjustable, with threaded hub

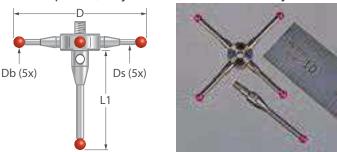




Part Number	Db	Ds	D	Wt	Price
STR2-0510	0.5	0.3	10.0	0.72	\$229.00
STR2-0520	0.5	0.3	20.0	0.75	\$260.00
STR2-1010	1.0	0.7	10.0	0.71	\$137.00
STR2-1020	1.0	0.7	20.0	0.82	\$199.00

Two-piece M2 star probe with ruby balls, carbide stems, and stainless steel fittings.

#### M2 star probe, adjustable, with center stylus



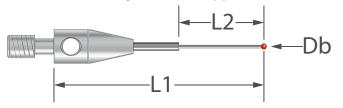
Part Number	Db	Ds	D	L1	Wt	Price
STR2-2020	2.0	1.4	20.0	17.3	1.70	\$138.00
STR2-2030	2.0	1.4	30.0	20.0	1.96	\$132.00

Two-piece M2 star probe with ruby balls and stainless steel bodies. Center hub is stainless steel.





#### M2 star center stylus with stepped carbide stem



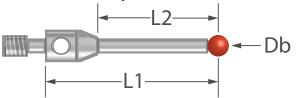
Part Number	Db	L1	L2	Wt	Price
STR2C-0519	0.5	18.5	7.5	0.41	\$149.00

Part Number

RAP-0513

M2 star center stylus with ruby ball, carbide stem, and 3.0 mm diameter stainless steel base. Major stem diameter is 0.7 mm, minor diameter is 0.4 mm.

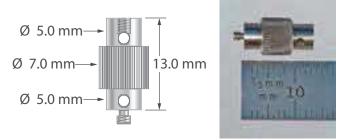
#### M2 star center stylus with carbide stem



Part Number	Db	L1	L2	Stem Dia.	Stem Mat'l	Wt	Price
STR2C-1009	1.0	8.5	3.5	0.7	Carbide	0.41	\$124.00
STR2C-1019	1.0	18.5	11.5	0.7	Carbide	0.43	\$99.00
STR2C-2017.5	2.0	16.5	11.5	1.4	Stainless steel	0.42	\$65.00

M2 star center stylus with ruby ball and 3.0 mm diameter stainless steel base.

#### M2 rotary adapter with knurled locking ring



M2 rotary adapter allows unlimited axial adjustment of M2 elements, for example, star probes and cubes. Stainless steel.

#### M2 disk



Part Number	Wt	Price
DSK-M2-180	2.08	\$85.00

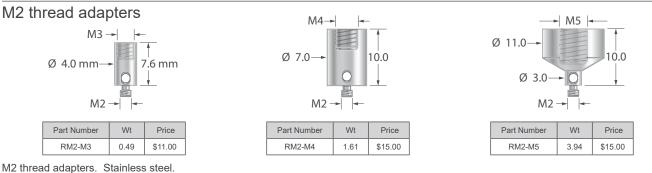
Wt

2.41

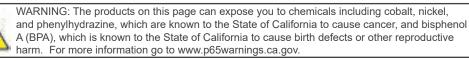
Price

\$98.00

M2 disk with 18.0 mm diameter x 3.0 mm thick hard anodized aluminum body, stainless steel threads, and two carbide balls. Weight is 2.08 grams.

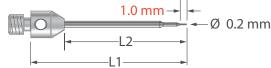


\*NOTE: For a **ruby** ball, add -R to the part number. \*\*NOTE: For a **silicon nitride** ball, add -SN to the part number.





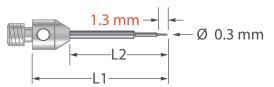
#### 0.2 mm carbide ball with stepped carbide stem



Part Number	L1	L2	Wt	Price
TM3-0220-C	20.0	15.0	0.54	\$195.00

M3 stylus with 0.2 mm diameter carbide ball, stepped carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.17 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

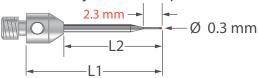
#### 0.3 mm carbide ball with stepped carbide stem



Part Number	L1	L2	Wt	Price
TM3-0310-C	10.0	5.0	0.46	\$135.00
TM3-0315-C	15.0	10.0	0.49	\$135.00
TM3-0318-C	18.0	13.0	0.51	\$135.00
TM3-0319-C	19.0	14.0	0.54	\$135.00
TM3-0320-C	20.0	15.0	0.57	\$135.00

M3 stylus with 0.3 mm diameter carbide ball, stepped carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.2 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

#### 0.3 mm ruby ball with tapered carbide stem



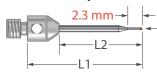
Part Number	L1	L2	Wt	Price
TM3-0318-R	18.0	13.0	0.52	\$135.00
TM3-0322-R	22.0	9.0	0.88	\$132.00

M3 stylus with 0.3 mm diameter ruby ball, tapered carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.2 mm and major diameter is 1.0 mm.

0.4 mm carbide ball with carbi	de stem	Part Number	L1	L2	Wt	Price
2.0 mm→ ←		TM3-0410-C	10.0	5.0	0.46	\$125.00
Ø 0.4 mm	M3 stylus with 0.4 mm diameter ball, stepped	TM3-0415-C	15.0	10.0	0.49	\$130.00
L2►	carbide stem, and 4.0 mm diameter stainless steel	TM3-0418-C	18.0	13.0	0.51	\$130.00
<l1></l1>	base. Minor stem diameter is 0.25 mm, intermediate is	0.5 mm, and	major	<sup>.</sup> diam	eter is	1.0 mm.
0.4 mana mulay an aili a su mituiala k						

#### 0.4 mm ruby or silicon nitride ball with carbide stem

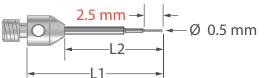
0.4 mm



Part Number	11	12	2 Wt Rubv*		Silicon Nitride**
				,	
TM3-0410	10.0	5.0	0.46	\$125.00	\$155.00
TM3-0415	15.0	10.0	0.49	\$125.00	\$155.00
TM3-0418	18.0	13.0	0.51	\$125.00	\$155.00

carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

#### 0.5 mm carbide ball with stepped carbide stem

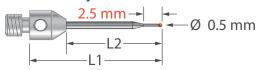


Part Number	L1	L2	Wt	Price
TM3-0510-C	10.0	5.0	0.59	\$108.00
TM3-0515-C	15.0	10.0	0.62	\$108.00
TM3-0518-C	18.0	13.0	0.63	\$108.00
TM3-0519-C	19.0	14.0	0.64	\$108.00
TM3-0520-C	20.0	15.0	0.65	\$108.00

M3 stylus with 0.5 mm diameter carbide ball, stepped carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

#### 0.5 mm ruby or silicon nitride ball with tapered carbide stem and 5.0 mm long base

M3 stylus with 0.4 mm diameter ball, tapered

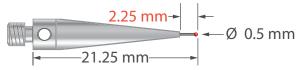


Part Number	L1	L2	Wt	Ruby*	Silicon Nitride**							
TM3-0510	10.0	5.0	0.51	\$108.00	\$138.00							
TM3-0515	15.0	10.0	0.53	\$108.00	\$138.00							
TM3-0518	18.0	13.0	0.54	\$108.00	\$138.00							

M3 stylus with 0.5 mm diameter ball, tapered carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.



#### 0.5 mm ruby ball with 0.4 mm carbide stem and 19.0 mm long base



Part Number	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-0521-02	1.04	\$95.00	\$270.00	\$220.00

Part Number

TM3-0610-C

TM3-0615-C

TM3-0618-C

TM3-0620-C

Part Number

TM3-0622-09

Wt

0.90

Part Number

TM3-0721-04

Ruby

\$51.00

L1

21.0

Wt

0.95

M3 stylus with 0.5 mm diameter ruby ball, 0.4 mm diameter carbide stem, and 4.0 mm diameter stainless steel base.

0.5 mm ruby ball with tapered carbide stem and 10.0 mm long base



Part Number	Wt	Price
TM3-0521.25	0.89	\$64.00

Wt

0.47

0.50

0.51

0.52

Price

\$125.00

\$130.00

\$130.00

\$130.00

\$124.00

\$124.00

\$124.00

\$124.00

Silicon Nitride\*

\$81.00

Price

\$107.00

L1

10.0

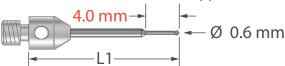
15.0

18.0

20.0

M3 stylus with 0.5 mm diameter ruby ball, tapered carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

#### 0.6 mm carbide ball with stepped carbide stem

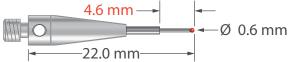


M3 stylus with 0.6 mm diameter carbide ball, tapered carbide stem, and 4.0 mm diameter x 5.0 mm long stainless steel base. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.



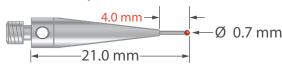
M3 stylus with 0.6 mm diameter ruby or silicon nitride ball, stepped carbide stem, and 4.0 mm diameter x 5.0 mm long stainless steel base. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.

#### 0.6 mm ball with stepped carbide stem and 13.0 mm long base

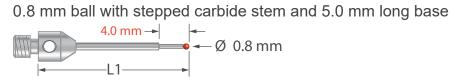


M3 stylus with 0.6 mm diameter ruby or silicon nitride ball, stepped carbide stem, and 4.0 mm diameter x 13.0 mm long stainless steel base. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.

#### 0.7 mm ruby ball with 0.5 mm carbide stem and 17.0 mm long base



M3 stylus with 0.7 mm diameter ruby ball, 0.5 mm diameter carbide stem, and 4.0 mm diameter x 17.0 mm long stainless steel base.

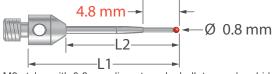


1	Dant Namela an	11	14/4	Dulu	
	Part Number	L1	Wt	Ruby	Silicon Nitride*
	TM3-0812	12.0	0.53	\$74.00	\$104.00
	TM3-0815	15.0	0.60	\$74.00	\$104.00
	TM3-0820	20.0	0.71	\$74.00	\$104.00
	TM3-0830	30.0	0.84	\$80.00	\$110.00

M3 stylus with 0.8 mm diameter ruby ball, stepped carbide stem, and 4.0 mm diameter x 5.0 mm long stainless steel base. Minor stem diameter is 0.6 mm and major diameter is 1.0 mm.

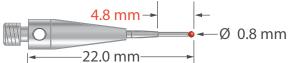


#### 0.8 mm ball with tapered carbide stem and 5.0 mm long base



M3 stylus with 0.8 mm diameter ruby ball, tapered carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.6 mm and major diameter is 1.0 mm.

#### 0.8 mm ball with tapered carbide stem and 13.0 mm long base



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*
TM3-0812-T	12.0	7.0	0.53	\$74.00	\$104,00
TM3-0815-T	15.0	10.0	0.60	\$74.00	\$104.00
TM3-0820-T	20.0	15.0	0.71	\$74.00	\$104.00
TM3-0830-T	30.0	22.0	0.84	\$80.00	\$110.00

Part Number	Wt	Ruby	Silicon Nitride*
TM3-0822	0.91	\$37.00	\$67.00

M3 stylus with 0.8 mm diameter ruby ball, tapered carbide stem, and 4.0 mm diameter x 13.0 mm long stainless steel base. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.

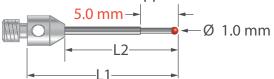


Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1010-DS.7	10.0	0.46	\$50.00	\$80.00	\$80.00
TM3-1015-DS.7	15.0	0.49	\$50.00	\$80.00	\$80.00
TM3-1020-DS.7	20.0	0.51	\$50.00	\$80.00	\$80.00

M3 stylus with 1.0 mm diameter ball, 0.7 mm diameter carbide stem, and 4.0 mm diameter x 5.0 mm long stainless steel base.

#### 1.0 mm ball with stepped carbide stem

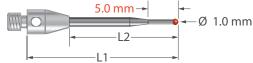
11



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1015	15.0	10.0	0.60	\$50.00	\$80.00	\$80.00
TM3-1020	20.0	15.0	0.66	\$50.00	\$80.00	\$80.00
TM3-1022	22.0	17.0	0.69	\$50.00	\$80.00	\$80.00
TM3-1022-13	22.0	9.0	0.95	\$50.00	\$80.00	\$80.00
TM3-1025	25.0	17.0	0.74	\$50.00	\$80.00	\$80.00
TM3-1030	30.0	22.0	0.86	\$55.00	\$85.00	\$85.00

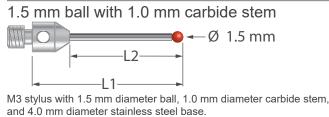
M3 stylus with 1.0 mm diameter ball, stepped carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 0.7 mm, major diameter is 1.0 mm.

#### 1.0 mm ball with 1.5 mm diameter tapered carbide stem



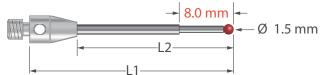
Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1040	40.0	33.0	0.98	\$60.00	\$90.00	\$90.00

M3 stylus with 1.0 mm ball, tapered carbide stem, and 4.0 mm diameter x 7.0 mm long stainless steel base. Minor stem diameter is 0.7 mm.



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1510	10.0	5.0	0.52	\$60.00	\$90.00	\$90.00
TM3-1520	20.0	15.0	0.60	\$60.00	\$90.00	\$90.00
TM3-1520.75	20.75	13.75	0.77	\$43.00	\$73.00	\$73.00
TM3-1522-09	22.0	9.0	0.57	\$31.00	\$61.00	\$61.00
TM3-1530-DS1	30.0	23.0	0.90	\$60.00	\$90.00	\$90.00
TM3-1530.75-DS1	30.75	23.25	0.90	\$48.00	\$78.00	\$78.00

#### 1.5 mm ball with stepped carbide stem



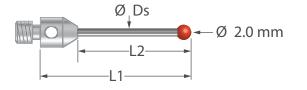
Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1530	30.0	22.0	0.90	\$50.00	\$80.00	\$80.00

M3 stylus with 1.5 mm diameter ball, stepped carbide stem, and 4.0 mm diameter stainless steel base. Minor stem diameter is 1.0 mm, major diameter is 1.5 mm.





#### 2.0 mm ball with carbide stem



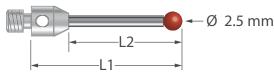
Part Number	L1	L2	Ds	VVt	Ruby Silicon Nitride*		Zirconia**
TM3-2010	10.0	5.0	1.0	0.52	\$45.00	\$75.00	\$75.00
TM3-2011	11.0	6.0	1.0	0.52	\$45.00	\$75.00	\$75.00
TM3-2015	15.0	10.0	1.0	0.56	\$45.00 \$75.00		\$75.00
TM3-2019	19.0	14.0	1.0	0.60	\$45.00	\$75.00	\$75.00
TM3-2020	20.0	15.0	1.0	0.61	\$45.00	\$75.00	\$75.00
TM3-2021	21.0	16.0	1.0	0.63	\$45.00	\$75.00	\$75.00
TM3-2021-6	21.0	15.0	1.0	0.70	\$31.00	\$61.00	\$61.00
TM3-2025	25.0	18.0	1.0	0.79	\$45.00	\$75.00	\$75.00
TM3-2030	30.0	23.0	1.5	0.98	\$43.00	\$73.00	\$73.00
TM3-2031	31.0	24.0	1.5	1.26	\$45.00	\$75.00	\$75.00
TM3-2035	35.0	28.0	1.5	1.29	\$45.00	\$75.00	\$75.00
TM3-2040	40.0	33.0	1.5	1.48	\$48.00	\$78.00	\$78.00
TM3-2041	41.0	34.0	1.5	1.50	\$45.00	\$75.00	\$75.00
TM3-2050	50.0	43.0	1.5	1.73	\$48.00	\$78.00	\$78.00
TM3-2051	51.0	44.0	1.5	1.75	\$48.00	\$78.00	\$78.00
TM3-2070	70.0	63.0	1.5	2.23	\$55.00	\$85.00	\$85.00
TM3-20100	100.0	93.0	1.5	2.97	\$65.00	\$95.00	\$95.00

1.2 De Wt Puby Sili

Part Number

M3 stylus with 2.0 mm diameter ball, carbide stem, and 4.0 mm diameter stainless steel base.

2.5 mm ball with 1.5 mm diameter carbide stem



Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-2520	20.0	15.0	1.05	\$42.00	\$72.00	\$72.00
TM3-2530	30.0	23.0	1.19	\$43.00	\$73.00	\$73.00
TM3-2531.25	31.25	24.25	1.28	\$43.00	\$73.00	\$73.00
TM3-2540	40.0	33.0	1.46	\$48.00	\$78.00	\$78.00
TM3-2541.25	41.25	34.25	1.53	\$48.00	\$78.00	\$78.00
TM3-2550	50.0	43.0	1.73	\$50.00	\$80.00	\$80.00
TM3-2572	72.0	65.0	2.32	\$60.00	\$90.00	\$90.00

M3 stylus with 2.5 mm diameter ball, 1.5 mm diameter carbide stem, and 4.0 mm diameter stainless steel base.

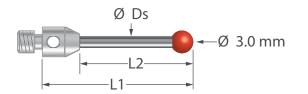
2.5 mm ball with 2.0 mm diameter carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-2531.25-DS2	31.25	1.77	\$43.00	\$73.00	\$73.00
TM3-2541.25-DS2	41.25	2.21	\$48.00	\$78.00	\$78.00

M3 stylus with 2.5 mm diameter ball, 2.0 mm diameter carbide stem, and 4.0 mm diameter x 7.0 mm long stainless steel base.

#### 3.0 mm ball with carbide stem



Part Number	L1	L2	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-3015	15.0	10.0	1.5	0.85	.85 \$44.00 \$74.00		\$74.00
TM3-3020	20.0	15.0	1.5	0.99	\$44.00	\$74.00	\$74.00
TM3-3021-8	21.0	13.0	2.0	1.16	\$34.00	\$64.00	\$64.00
TM3-3021.5	21.5	15.5	1.5	0.80	\$48.00	\$78.00	\$78.00
TM3-3025	25.0	18.0	1.5	1.13	\$45.00	\$75.00	\$75.00
TM3-3030	30.0	23.0	2.0	1.42	\$45.00	\$75.00	\$75.00
TM3-3031.5-DS1.5	31.5	24.5	1.5	1.31	\$39.00	\$69.00	\$69.00
TM3-3031.5-DS2	31.5	24.5	2.0	1.76	\$43.00	\$73.00	\$73.00
TM3-3035	35.0	28.0	2.0	1.40	\$45.00	\$75.00	\$75.00
TM3-3040-DS1.5	40.0	33.0	1.5	1.54	\$48.00	\$78.00	\$78.00
TM3-3040	40.0	33.0	2.0	2.02	\$48.00	\$78.00	\$78.00
TM3-3041.5-DS1.5	41.5	34.5	1.5	1.58	\$48.00	\$78.00	\$78.00
TM3-3041.5	41.5	34.5	2.0	2.26	\$48.00	\$78.00	\$78.00

M3 stylus with 3.0 mm diameter ball, carbide stem, and 4.0 mm diameter stainless steel base.

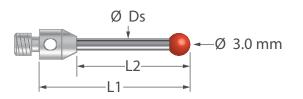
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\*NOTE: For a **silicon nitride** ball, add -SN to the part number. \*\*NOTE: For a **zirconia** ball, add -Z to the part number.



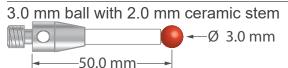


#### 3.0 mm ball with 2.0 mm carbide stem



Part Number	L1	L2	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-3050	50.0	43.0	2.0	2.58	\$52.00	\$82.00	\$82.00
TM3-3051.5	51.5	44.5	2.0	2.65	\$49.00	\$79.00	\$79.00
TM3-3058	58.0	51.0	2.0	2.93	\$52.00	\$82.00	\$82.00
TM3-3060	60.0	53.0	2.0	3.02	\$54.00	\$84.00	\$84.00
TM3-3070	70.0	63.0	2.0	3.46	\$56.00	\$86.00	\$86.00
TM3-3085	85.0	78.0	2.0	4.12	\$56.00	\$86.00	\$86.00
TM3-30100	100.0	93.0	2.0	4.79	\$74.00	\$104.00	\$104.00

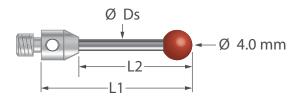
M3 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbide stem, and 4.0 mm diameter stainless steel base.



Part Number	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-3051.5-C	1.34	\$62.00	\$92.00	\$92.00

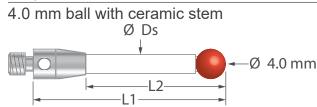
M3 stylus with 3.0 mm diameter ball, 2.0 mm diameter ceramic stem, and 4.0 mm diameter x 7.0 mm long stainless steel base.

#### 4.0 mm ball with carbide stem



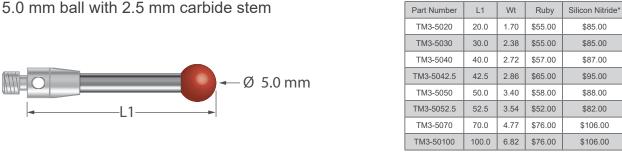
Part Number	L1	L2	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-4020	20.0	15.0	2.0	1.25	\$47.00	\$77.00	\$77.00
TM3-4025	25.0	18.0	2.0	1.48	\$47.00	\$77.00	\$77.00
TM3-4030	30.0	23.0	2.0	1.71	\$42.00	\$72.00	\$72.00
TM3-4040	40.0	33.0	2.0	1.94	\$52.00	\$82.00	\$82.00
TM3-4042	42.0	35.0	2.0	2.03	\$43.00	\$73.00	\$73.00
TM3-4050	50.0	43.0	2.0	2.58	\$52.00	\$82.00	\$82.00
TM3-4052	52.0	45.0	2.0	2.67	\$52.00	\$82.00	\$82.00
TM3-4070	70.0	63.0	2.5	5.02	\$62.00	\$92.00	\$92.00
TM3-40100	100.0	93.0	2.5	7.08	\$65.00	\$95.00	\$95.00

M3 stylus with 4.0 mm diameter ball, carbide stem, and 4.0 mm diameter stainless steel base.



Part Number	L1	L2	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-4032-C	32.0	25.0	2.0	0.73	\$40.00	\$70.00	\$70.00
TM3-4052-C	52.0	45.0	2.0	1.05	\$65.00	\$95.00	\$95.00
TM3-40100-C	100.0	93.0	2.5	2.31	\$75.00	\$105.00	\$105.00
TM3-40120-C	120.0	110.0	2.5	2.68	\$80.00	\$110.00	\$110.00

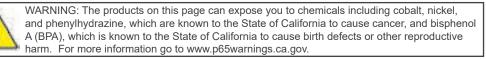
M3 stylus with 4.0 mm diameter ball, ceramic stem, and 4.0 mm diameter x 7.0 mm long stainless steel base.



M3 stylus with 5.0 mm diameter ball, 2.5 mm diameter carbide stem, and 4.0 mm diameter x 7.0 mm long stainless steel base.

5.0 mm ball with 2.5 mm ceramic stem						
		Part Number	L1	Wt	Ruby	Silicon Nitride*
₩ <b>0</b> - Ø 5.0 mr	m	TM3-5032.5-C	30.0	1.15	\$75.00	\$105.00
	ТМ3-5050-С	TM3-5050-C	47.5	1.41	\$68.00	\$98.00
L1		TM3-5052.5-C	50.0	1.45	\$65.00	\$95.00

M3 stylus with 5.0 mm diameter ball, 2.5 mm diameter ceramic stem, and 4.0 mm diameter x 7.0 mm long stainless steel base.



Zirconia\*\*

\$85.00

\$85.00

\$87.00

\$95.00

\$88.00

\$82.00

\$106.00

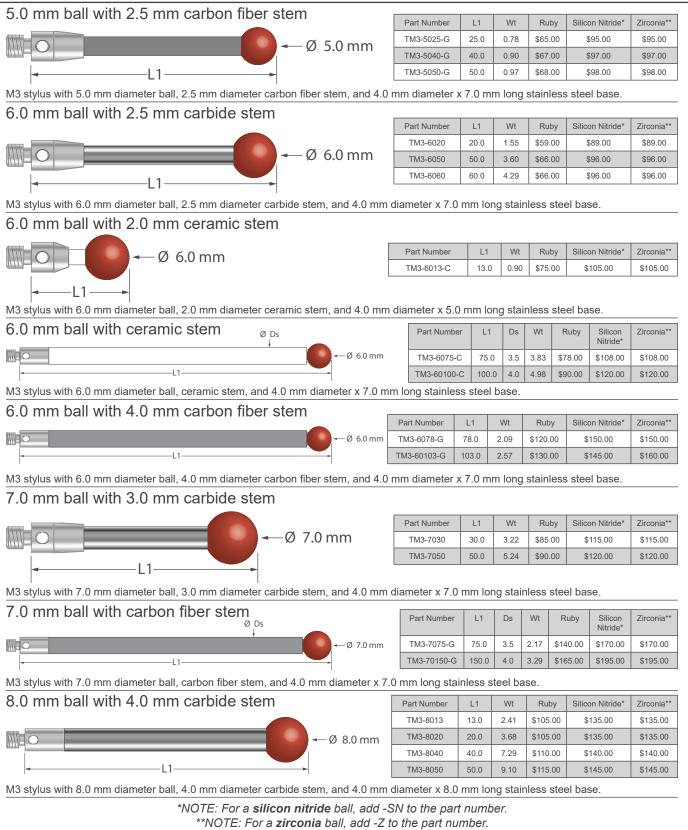
\$106.00

Zirconia\*\* \$105.00

\$98.00

\$95.00







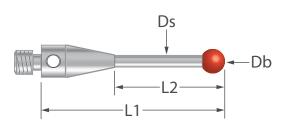
#### 8.0 mm ball with 4.0 mm carbon fiber stem



	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	TM3-8042-G	42.0	1.82	\$140.00	\$170.00	\$170.00
ð 8.0 mm	TM3-8050-G	50.0	1.97	\$140.00	\$170.00	\$170.00
	TM3-8079-G	79.0	2.53	\$130.00	\$160.00	\$160.00
	TM3-80104-G	104.0	3.01	\$140.00	\$170.00	\$170.00
	TM3-80125-G	125.0	3.51	\$160.00	\$190.00	\$190.00

M3 stylus with 8.0 mm diameter ball, 4.0 mm diameter carbon fiber stem, and 4.0 mm diameter x 10.0 mm long stainless steel base.

#### Stainless steel styli



Part Number	Db	Ds	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1021-S	1.0	0.7	21.0	4.0	0.93	\$30.00	\$60.00	\$60.00
TM3-1520.75-S	1.5	1.0	20.75	4.75	0.85	\$30.00	\$60.00	\$60.00
TM3-2022-S	2.0	1.4	22.0	9.0	0.82	\$30.00	\$60.00	\$60.00
TM3-3022.5-S	3.0	1.5	22.0	12.0	0.82	\$31.00	\$61.00	\$61.00
TM3-4023-S	4.0	2.5	23.0	14.0	1.60	\$31.00	\$61.00	\$61.00
TM3-4033-S	4.0	2.5	33.0	22.0	2.00	\$31.00	\$61.00	\$61.00
TM3-5023.5-S	5.0	2.5	23.5	16.5	1.60	\$32.00	\$62.00	\$62.00
TM3-5033.5-S	5.0	3.5	33.5	24.0	2.18	\$31.00	\$61.00	\$61.00
TM3-6010-S	6.0	2.5	10.0	6.0	1.44	\$45.00	\$75.00	\$75.00

M3 stylus with 4.0 mm diameter stainless steel base and stainless steel stem.

#### Important notes about cylinder styli

Cylinder styli are used for edge probing, for instance, the edges of stampings and thin sheet metal parts. Cylinder styli are not suitable for high accuracy work because the form of a cylinder is not as precise as a sphere. Please contact us with any questions about how to calibrate or use cylinder styli.

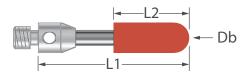
#### Ruby cylinder styli with stainless steel base



Part Number	Db	L1	Wt	Price
TM3-1014-B	1.0	14.0	0.46	\$148.00
TM3-1514-B	1.5	14.0	0.49	\$143.00

#### M3 stylus with ruby cylinder and 4.0 mm diameter x 5.0 mm long stainless steel base.

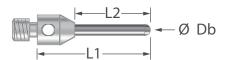
#### Ruby cylinder styli with carbide stem and stainless steel base



Part Number	Db	L1	L2	Wt	Price
TM3-2020-B	2.0	20.0	7.2	0.62	\$118.00
TM3-2030-B	2.0	30.0	7.2	0.69	\$118.00
TM3-4020-B	4.0	20.0	10.0	1.30	\$138.00
TM3-4030-B	4.0	30.0	10.0	1.75	\$138.00
TM3-4040-B	4.0	40.0	10.0	2.20	\$138.00

M3 stylus with ruby cylinder, carbide stem, and 4.0 mm diameter x 5.0 mm long stainless steel base

Carbide cylinder styli with stainless steel base



5	leer base.							
	Part Number	Db	L1	L2	Wt	Price		
	TM3-1014-BC	1.0	14.0	9.0	0.55	\$105.00		
	TM3-1032.4-BC	1.0	32.4	25.4	0.80	\$115.00		
	TM3-1515-BC	1.5	15.0	10.0	0.83	\$105.00		
	TM3-1540-BC	1.5	40.0	33.0	1.42	\$115.00		
	TM3-2025-BC	2.0	25.0	20.0	1.81	\$105.00		
	TM3-2040-BC	2.0	40.0	33.0	2.04	\$105.00		
	TM3-2075-BC	2.0	75.0	68.0	3.60	\$115.00		
	TM3-3040-BC	3.0	40.0	33.0	3.98	\$121.00		
	TM3-30100-BC	3.0	100.0	93.0	10.04	\$132.00		

M3 stylus with carbide cylinder and 4.0 mm diameter stainless steel base.

\*NOTE: For a **silicon nitride** ball, add -SN to the part number. \*\*NOTE: For a **zirconia** ball, add -Z to the part number.





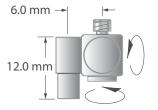
Steel cylinder styli							
→ L2 ←	Part Nu	mber	Db	L1	L2	Wt	Ruby
₩ O → Ø Db	TM3-151	1-CYL	1.5	11.0	1.75	0.46	\$17.00
	TM3-301	3-CYL	3.0	13.0	4.0	0.70	\$17.00
M3 stylus with stainless steel cylinder and 4.0 mm diameter stainless steel base.							
Carbide point styli	Γ	Part N	umber	а	L1	Wt	Ruby
		TM3-S		30.0	10.0	0.60	\$65.00
- angle a		TM3-S		60.0	10.0	0.58	\$65.00
<b></b> L1►		TM3-	S90-C	90.0	10.0	0.56	\$65.00
M3 stylus with 1.5 mm diameter carbide point and 4.0 mm diameter x 5.0 mm long stainles	s steel b	ase.					
Stylus extensions, stainless steel			Part N	umber	L	Wt	Price
			VM	3-5	5.0	0.38	\$11.00
			VM3		10.0	0.67	\$11.00
			VM3		15.0	1.13	\$11.00
		ł	VM3 VM3		20.0 25.0	1.62 2.11	\$11.00 \$11.00
		h	VM3		30.0	2.59	\$11.00
		1	VM3	3-35	35.0	3.36	\$11.00
<l></l>			VM3	3-40	40.0	3.84	\$14.00
			VM3	3-50	50.0	4.80	\$18.00
		-	VM3		60.0	5.47	\$22.00
			VM3 VM3-		80.0	7.68	\$30.00
		-	VM3-		100.0 130.0	9.60 12.48	\$35.00 \$35.00
		h	VM3-		150.0	14.40	\$40.00
M3 extension. 4.0 mm diameter stainless steel.			VM3-	-200	200.0	19.20	\$40.00
Stylus extensions, ceramic and stainless steel			Part N	lumber	L	Wt	Price
			VM3-	-20-C	20.0	1.11	\$50.00
			VM3-	-30-C	30.0	1.48	\$50.00
			VM3-	-35-C	35.0	1.76	\$55.00
			VM3-		50.0	2.23	\$56.00
M3 extension. 4.0 mm diameter ceramic with stainless steel end fittings.			VM3-	100-C	100.0	4.09	\$75.00
Stylus extensions, carbon fiber and stainless steel			Part N	umber	L	Wt	Price
			VM3-		20.0	0.80	\$65.00
			VM3-		30.0	0.95	\$65.00
< L►			VM3- VM3-		50.0 75.0	1.25 1.62	\$66.00 \$85.00
M2 outonsion 4.0 mm diameter corbon filter with steinlass staal and fittings			VM3-		100.0	1.99	\$90.00
M3 extension. 4.0 mm diameter carbon fiber with stainless steel end fittings.				-	1		
Stylus extensions, titanium			Death	u una la - vi		16/4	Deire
			VM3	umber -30-T	L 30.0	Wt 1.55	Price \$45.00
				-70-T	70.0	3.69	\$55.00

M3 extension. 4.0 mm diameter titanium.





#### Stylus knuckle, fully adjustable





M3 stylus knuckle. Stainless steel. Includes hex wrench for adjustment (not shown).

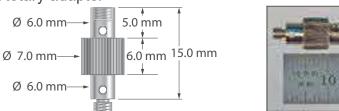
#### Star hub, fully adjustable





M3 star hub. Stainless steel. 9.5 mm between flats.

#### Rotary adapter



KM3-13	3.12	\$48.00

Wt

Price

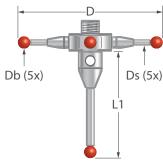
Part Number

Part Number	Wt	Price
RAP-0513-M3	2.64	\$98.00

M3 rotary adapter. Stainless steel with knurled locking ring. Allows rotational adjustment of M3 components.

#### M3 star styli





Part Number	D	L1	Ds	Wt	Price
STR3-2030	30.0	19.0	1.4	2.26	\$138.00
STR3-2050	50.0	29.0	1.4	5.11	\$138.00

M3 star styli with five 2.0 mm diameter ruby balls and 1.4 mm diameter stainless steel stems. Radially adjustable center hub is stainless steel.

#### M3 probe keys



Golf tee style. Suitable for both M2 and M3 components. Made of tool steel.

Part Number	Price
PK2-PK3	\$8.00



Offset style. Stainless steel handle with steel key.

Part Number	Price
PK-3	\$12.00

Part Number	Wt	Price	
GM3-20	3.32	\$59.00	



Price

\$95.00

\$95.00

\$95.00

\$95.00

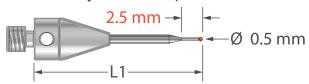
\$102.00

#### 0.3 mm ruby ball with tapered cabide stem



M3 stylus with 0.3 mm diameter ruby ball, tapered carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.2 mm and major diameter is 1.0 mm.

#### 0.5 mm ruby ball with tapered carbide stem



ium base. Minor stem diameter is								
	Part Number	L1	Wt	Price				
	TM3-0513-TX	13.0	0.53	\$95.00				
	TM3-0515-TX	15.0	0.53	\$95.00				
	TM3-0518-TX	18.0	0.54	\$105.00				
	TM3-0520-TX	20.0	0.55	\$95.00				

24.0

0.57

L1

13.0

15.0

18.0

20.0

Wt

0 46

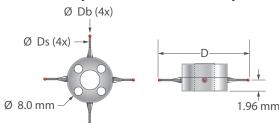
0.49

0.51

0.54

M3 stylus with 0.5 mm diameter ruby ball, tapered carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

#### 0.5 mm ruby ball star with four styli



Part Number	Db	Ds	D	Wt	Price
XXT-STR-0516	0.5	0.3	16.0	0.89	\$460.00
XXT-STR-0818	0.8	0.6	18.0	1.04	\$375.00
XXT-STR-1020	1.0	0.8	20.0	1.10	\$350.00

Part Number

TM3-0313-TX

TM3-0315-TX

TM3-0318-TX

TM3-0320-TX

TM3-0524-TX

Four-way M3 star stylus with four 0.5 mm diameter ruby balls, tapered carbide stems, and two-piece clamping titanium hub. Individual styli can be replaced or adjusted by unscrewing the two-piece hub.

		_
0.6 mm ruby or silicon nitride ball with stepped carbide stem	Part Number	
4.6 mm→	TM3-0614-TX	1
₩ <b>O O O O O O O O O O</b>	TM3-0617-TX	1
	TM3-0620-TX	2
<l1></l1>	TM3-0624-TX	2

Part Number	L1	Wt	Ruby	Silicon Nitride*
TM3-0614-TX	14.0	0.53	\$92.00	\$122.00
TM3-0617-TX	17.0	0.55	\$92.00	\$122.00
TM3-0620-TX	20.0	0.57	\$92.00	\$122.00
TM3-0624-TX	24.0	0.61	\$92.00	\$122.00

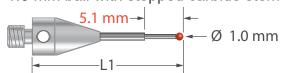
M3 stylus with 0.6 mm diameter ruby or silicon nitride ball, stepped carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.

0.8 mm ruby ball with stepped carbide stem
4.8 mm→ → Ø 0.8 mm

_									
	Part Number	L1	Wt	Price					
	TM3-0814-TX	14.0	0.54	\$77.00					
	TM3-0817-TX	17.0	0.57	\$80.00					
	TM3-0820-TX	20.0	0.60	\$80.00					
	TM3-0825-TX	25.0	0.65	\$85.00					
	TM3-0835-TX	35.0	0.75	\$79.00					

M3 stylus with 0.8 mm diameter ruby ball, tapered carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.6 mm and major diameter is 1.0 mm.

#### 1.0 mm ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1020-TX-6	20.0	0.61	\$74.00	\$110.00	\$110.00

M3 stylus with 1.0 mm diameter ball, stepped carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.6 mm, major diameter is 1.0 mm.



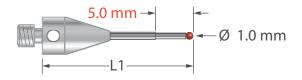
#### 1.0 mm ball with 0.8 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1014-TX-8	14.0	0.58	\$79.00	\$94.00	\$94.00
TM3-1017-TX-8	17.0	0.68	\$85.00	\$115.00	\$115.00
TM3-1020-TX-8	20.0	0.71	\$74.00	\$104.00	\$104.00
TM3-1025-TX-8	25.0	0.75	\$80.00	\$110.00	\$110.00
TM3-1031-TX-8	31.0	0.78	\$85.00	\$115.00	\$115.00
TM3-1035-TX-8	35.0	0.82	\$90.00	\$120.00	\$120.00
TM3-1040-TX-8	40.0	0.88	\$90.00	\$120.00	\$120.00

M3 stylus with 1.0 mm diameter ruby ball, 0.8 mm diameter carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base.

#### 1.0 mm ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1020-TX	20.0	0.61	\$79.00	\$94.00	\$94.00
TM3-1025-TX	25.0	0.71	\$80.00	\$98.00	\$98.00
TM3-1030-TX	30.0	0.76	\$79.00	\$96.00	\$96.00
TM3-1031-TX	31.0	0.77	\$79.00	\$100.00	\$94.00
TM3-1035-TX	35.0	0.82	\$79.00	\$99.00	\$99.00
TM3-1040-TX	40.0	0.89	\$79.00	\$102.00	\$102.00

M3 stylus with 1.0 mm diameter ball, stepped carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base. Minor stem diameter is 0.8 mm, major diameter is 1.0 mm.

#### 1.35 mm ball with 1.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
TM3-1324-TX	24.0	0.70	\$95.00	\$125.00
TM3-1331-TX	31.0	0.78	\$98.00	\$128.00

M3 stylus with 1.35 mm diameter ball, 1.0 mm diameter carbide stem, and 5.0 mm diameter x 7.0 mm long titanium base.

#### 1.5 mm ball with 1.0 mm carbide stem



 <u> </u>								
Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**			
TM3-1514-TX	14.0	0.57	\$64.00	\$94.00	\$94.00			
TM3-1517-TX	17.0	0.60	\$64.00	\$99.00	\$99.00			
TM3-1520-TX	20.0	0.63	\$64.00	\$89.00	\$89.00			
TM3-1525-TX	25.0	0.69	\$64.00	\$99.00	\$99.00			
TM3-1530-TX	30.0	0.75	\$64.00	\$89.00	\$94.00			
TM3-1540-TX	40.0	0.86	\$64.00	\$89.00	\$89.00			

M3 stylus with 1.5 mm diameter ball, 1.0 mm diameter carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base.

#### 1.5 mm ball with 1.0 mm carbide stem and 7.5 mm long titanium base



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-1530-TX-7	5 30.0	0.85	\$105.00	\$135.00	\$135.00

M3 stylus with 1.35 mm diameter ball, 1.0 mm diameter carbide stem, and 5.0 mm diameter x 7.5 mm long titanium base.

# 2.0 mm ball with 1.0 mm carbide stem

_	5								
	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**			
	TM3-2014-TX	14.0	0.58	\$80.00	\$105.00	\$105.00			
	TM3-2017-TX	17.0	0.61	\$80.00	\$105.00	\$105.00			
	TM3-2020-TX	20.0	0.64	\$80.00	\$105.00	\$105.00			
	TM3-2025-TX	25.0	0.70	\$83.00	\$105.00	\$105.00			
	TM3-2030-TX	30.0	0.75	\$83.00	\$105.00	\$110.00			
. '									

M3 stylus with 2.0 mm diameter ball, 1.0 mm diameter carbide stem, and 5.0 mm diameter x 9.0 mm long titanium base.

\*NOTE: For a **silicon nitride** ball, add -SN to the part number. \*\*NOTE: For a **zirconia** ball, add -Z to the part number.





2.0 mm ball with 1.5 mm carbide stem		Part Nun	nber	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
Ø 2.0 m	m	TM3-203	5-TX	35.0	1.37	\$85.00	\$115.00	\$115.00
		TM3-204	0-TX	40.0	1.49	\$95.00	\$125.00	\$125.00
L1→		TM3-205	4-TX	54.0	1.84	\$90.00	\$120.00	\$120.00
M3 stylus with 2.0 mm diameter ball, 1.5 mm diameter carbide stem, a	and 5.0	) mm dian	neter	x 9.0 r	nm Ion	ıg titanium	base.	
2.5 mm ball with 1.5 mm carbide stem		Part Nun	nber	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
		TM3-252	0-TX	20.0	0.79	\$74.00	\$98.00	\$98.00
₩ <b>0</b> - Ø 2.5 mm		TM3-252	5-TX	25.0	0.91	\$74.00	\$104.00	\$104.00
		TM3-253	0-TX	30.0	1.03	\$74.00	\$99.00	\$99.00
<b>←−−−</b> L1−−−→		TM3-253	5-TX	35.0	1.15	\$74.00	\$115.00	\$115.00
		TM3-254		40.0	1.28	\$74.00	\$99.00	\$99.00
M3 stylus with 2.5 mm diameter ball, 1.5 mm diameter carbide stem, a	and 5.0	) mm dian	neter	x 9.0 r	nm lon	ig titanium	base.	
3.0 mm ball with 2.0 mm carbon fiber stem		Part Numb	er	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
		TM3-3025-	TX	25.0	0.57	\$110.00	\$140.00	\$140.00
		TM3-3033-	TX	33.0	0.61	\$115.00	\$140.00	\$140.00
		TM3-3040-	тх	40.0	0.64	\$115.00	\$140.00	\$140.00
		TM3-3042-	ТХ	42.0	0.65	\$115.00	\$140.00	\$140.00
₩ O 3.0 mm		TM3-3050-	TX	50.0	0.69	\$115.00	\$140.00	\$140.00
Via La		TM3-3058-	TX	58.0	0.72	\$130.00	\$150.00	\$150.00
l ← L1 ►			TX	65.0	0.76	\$130.00	\$160.00	\$160.00
		TM3-3075-	TX	75.0	0.80	\$130.00	\$160.00	\$160.00
		TM3-3084-	TX	84.0	0.85	\$135.00	\$160.00	\$160.00
		TM3-30100		100.0	0.92	\$138.00	\$160.00	\$168.00
		TM3-30125		125.0	1.04	\$135.00	\$160.00	\$160.00
M3 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbon fiber ste	em, and	d 5.0 mm	diam	eter x	9.0 mr	n long titar	num base.	
4.0 mm ball with carbon fiber stem	Part	t Number	L1	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
Ds	TM3-	-4025-TX	25.0	2.0	0.61	\$102.00	\$132.00	\$132.00
			50.0	2.0	0.73	\$130.00	\$150.00	\$150.00
	TM3-	-4050-TX	50.0	2.0				
₩ <b>0 -</b> Ø 4.0 mm		-4050-TX -4052-TX	52.0	2.5	0.95	\$130.00	\$130.00	\$130.00
	TM3- TM3-	-4052-TX -4075-TX	52.0 75.0	2.5 2.5	1.27	\$130.00	\$165.00	\$165.00
	TM3- TM3- TM3-	-4052-TX -4075-TX -4090-TX	52.0 75.0 90.0	2.5 2.5 3.0	1.27 1.49	\$130.00 \$175.00		
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm d	TM3- TM3- TM3-	-4052-TX -4075-TX -4090-TX	52.0 75.0 90.0	2.5 2.5 3.0	1.27 1.49	\$130.00 \$175.00	\$165.00	\$165.00
	TM3- TM3- TM3-	-4052-TX -4075-TX -4090-TX	52.0 75.0 90.0 m lon	2.5 2.5 3.0	1.27 1.49	\$130.00 \$175.00	\$165.00	\$165.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm d	TM3- TM3- TM3-	-4052-TX -4075-TX -4090-TX er x 9.0 mi	52.0 75.0 90.0 m lon	2.5 2.5 3.0 g titani	1.27 1.49 ium ba	\$130.00 \$175.00 Se.	\$165.00 \$175.00	\$165.00 \$175.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm d	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num	52.0 75.0 90.0 m lon ber -TX	2.5 2.5 3.0 g titan	1.27 1.49 ium ba Wt	\$130.00 \$175.00 Se. Ruby	\$165.00 \$175.00 Silicon Nitride*	\$165.00 \$175.00 Zirconia**
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030	52.0 75.0 90.0 m lon ber -TX	2.5 2.5 3.0 g titan L1 30.0	1.27 1.49 ium ba Wt 0.80	\$130.00 \$175.00 Se. Ruby \$130.00	\$165.00 \$175.00 Silicon Nitride* \$155.00	\$165.00 \$175.00 Zirconia** \$155.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040	52.0 75.0 90.0 m lon ber I-TX I-TX	2.5 2.5 3.0 g titan L1 30.0 40.0	1.27 1.49 ium ba Wt 0.80 0.95	\$130.00 \$175.00 Se. Ruby \$130.00 \$130.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050	52.0 75.0 90.0 m lon ber -TX -TX -TX	2.5 2.5 3.0 g titan 2.5 3.0 40.0 50.0	1.27 1.49 ium ba Wt 0.80 0.95 1.10	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00
$\begin{array}{c} L1 \\ \hline M3 \text{ stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem} \\ \hline 5.0 \text{ mm ball with 3.5 mm carbon fiber stem} \\ \hline \bigcirc \bigcirc$	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-5010	52.0 75.0 90.0 m lon ber -TX -TX -TX -TX	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem 5.0 mm ball with 3.5 mm carbon fiber stem 4 - 0 5.0 r M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-5010	52.0 75.0 90.0 m lon ber -TX -TX -TX -TX	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$170.00
$\begin{array}{c} L1 \\ \hline M3 \text{ stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem} \\ \hline 5.0 \text{ mm ball with 3.5 mm carbon fiber stem} \\ \hline \bigcirc \bigcirc$	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-5010	52.0 75.0 90.0 m lon -TX -TX -TX -TX -TX -TX 0-TX diam	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$170.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem 5.0 mm ball with 3.5 mm carbon fiber stem 4 - 4 - 4 = 0 5.0 m M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem 6.0 mm ball with 3.5 mm carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-50100 d 5.0 mm	52.0 75.0 90.0 m lon -TX -TX -TX -TX -TX diam	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0 eter x	1.27 1.49 um ba 0.80 0.95 1.10 1.25 1.47 1.84 9.0 mr	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00 \$145.00 n long titar	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$175.00 \$175.00 \$175.00 \$175.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$175.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm diameter ball, carbon fiber stem 5.0 mm ball with 3.5 mm carbon fiber stem 4 - 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-50100 d 5.0 mm Part Num	52.0 75.0 90.0 m lon -TX -TX -TX -TX -TX -TX diam ber TX	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0 eter x L1	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84 9.0 mr	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00 \$145.00 n long titar Ruby	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00 \$175.00 Silicon Nitride*	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00 Zirconia**
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm do 5.0 mm ball with 3.5 mm carbon fiber stem 4 - 2 - 2 = 0 5.0 m M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem 4 - 2 = 0 6.0 m 4 - 2 = 0 6.0 m	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-5075 TM3-5010 d 5.0 mm Part Num TM3-6050	52.0 75.0 90.0 m lon -TX -TX -TX -TX diam ber -TX	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0 eter x L1 50.0	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84 9.0 mr Wt 1.33	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00 n long titar Ruby \$150.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$175.00 \$175.00 ium base. Silicon Nitride* \$155.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$155.00 \$170.00 \$175.00 Zirconia** \$155.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm do 5.0 mm ball with 3.5 mm carbon fiber stem 4 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-50100 d 5.0 mm Part Num TM3-60100 TM3-60100 TM3-60100	52.0 75.0 90.0 m lon -TX -TX -TX -TX -TX diam ber -TX diam -TX -TX -TX -TX	2.5 2.5 3.0 g titan 30.0 40.0 50.0 60.0 75.0 100.0 eter x L1 50.0 70.0 100.0 100.0	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84 9.0 mr Vt 1.33 1.63 2.08 2.12	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$145.00 \$145.00 \$145.00 \$145.00 \$165.00 \$165.00	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00 nium base. Silicon Nitride* \$155.00 \$170.00 \$175.00 \$175.00 \$195.00 \$195.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$1775.00 Zirconia** \$155.00 \$175.00
M3 stylus with 4.0 mm diameter ball, carbon fiber stem, and 5.0 mm do 5.0 mm ball with 3.5 mm carbon fiber stem 4 - 2 - 2 = 0 5.0 m M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem M3 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbon fiber stem 6.0 mm ball with 3.5 mm carbon fiber stem 4 - 0 = 0 6.0 m	TM3- TM3- TM3- iamete	-4052-TX -4075-TX -4090-TX er x 9.0 mi Part Num TM3-5030 TM3-5040 TM3-5050 TM3-5060 TM3-50100 d 5.0 mm Part Num TM3-6050 TM3-60100 TM3-60100 d 5.0 mm	52.0 75.0 90.0 m lon -TX -TX -TX -TX -TX diam ber -TX -TX -TX -TX -TX -TX -TX -TX -TX -TX	2.5 2.5 3.0 g titan 40.0 50.0 60.0 75.0 100.0 eter x L1 50.0 70.0 100.0 103.0 eter x	1.27 1.49 ium ba 0.80 0.95 1.10 1.25 1.47 1.84 9.0 mr Wt 1.33 1.63 2.08 2.12 9.0 mr	\$130.00 \$175.00 SE. Ruby \$130.00 \$130.00 \$130.00 \$130.00 \$145.00 \$145.00 \$145.00 \$145.00 \$165.00 \$165.00 n long titar	\$165.00 \$175.00 Silicon Nitride* \$155.00 \$155.00 \$160.00 \$155.00 \$170.00 \$175.00 nium base. Silicon Nitride* \$155.00 \$170.00 \$175.00 \$175.00 \$195.00 \$195.00	\$165.00 \$175.00 Zirconia** \$155.00 \$155.00 \$160.00 \$155.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00

\*\*NOTE: For a zirconia ball, add -Z to the part number.





Zirconia\*\*

\$185.00

\$190.00

\$185.00

\$210.00

\$220.00

Silicon Nitride\*

\$185.00

\$190.00

\$185.00

\$210.00

\$220.00

8.0 mm ball with 5.0 mm carbon fiber stem	Part Number	L1	Wt	Ruby
	TM3-8030-TX	30.0	1.74	\$160.00
₩ O 4 Ø 8.0 mm	TM3-8050-TX	80.0	2.34	\$160.00
	TM3-8070-TX	70.0	2.94	\$160.00
	TM3-80100-TX	100.0	3.84	\$185.00
	TM3-80125-TX	125.0	4.59	\$190.00

M3 stylus with 8.0 mm diameter ball	, 5.0 mm diameter carbon fiber stem,	, and 5.0 mm diameter x 9.0 mm long titanium base.

XXT extensions,	carbon fib	er body with	titanium e	end fittings
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lo	ong titanium base.							
	Part Number	L1	Wt	Price				
	VM3-20-TX	20.0	0.82	\$80.00				
	VM3-25-TX	25.0	0.97	\$80.00				
	VM3-30-TX	30.0	1.12	\$85.00				
	VM3-35-TX	35.0	1.27	\$85.00				
	VM3-40-TX	40.0	1.42	\$90.00				
	VM3-45-TX	45.0	1.57	\$95.00				
	VM3-50-TX	50.0	1.72	\$100.00				
	VM3-60-TX	60.0	2.02	\$100.00				
	VM3-65-TX	65.0	2.17	\$105.00				
	VM3-75-TX	75.0	2.47	\$110.00				
	VM3-80-TX	80.0	2.62	\$110.00				
	VM3-90-TX	90.0	2.92	\$130.00				
	VM3-100-TX	100.0	3.22	\$135.00				
	VM3-105-TX	105.0	3.37	\$140.00				
	VM3-120-TX	120.0	3.82	\$140.00				
	VM3-130-TX	130.0	3.97	\$145.00				
	VM3-140-TX	140.0	4.42	\$150.00				
	VM3-150-TX	150.0	4.57	\$165.00				

M3 extension with 5.0 mm diameter carbon fiber stem and 5.0 mm diameter titanium end fittings.

#### XXT adapter plates





Part Number	Fits	Wt	Price
XXT-AP-ID	TL1	4.59	\$350.00
XXT-AP-ID3	TL3	4.59	\$350.00

XXT-AP-ID	XXT-AP-ID3
M3 adapter plate with ID chip for XXT-ID TL1.	M3 adapter plate with ID chip for XXT-ID TL3.
Delrin <sub>®</sub> XXT Plates	



Part Number	Fits	Wt	Price
XXT-AP-ID-D	TL1	3.28	\$410.00
XXT-AP-ID3-D	TL3	3.28	\$410.00

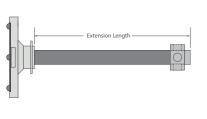
Lightweight M3 adapter plates with ID chip for XXT-ID TL1 and XXT-ID TL3.





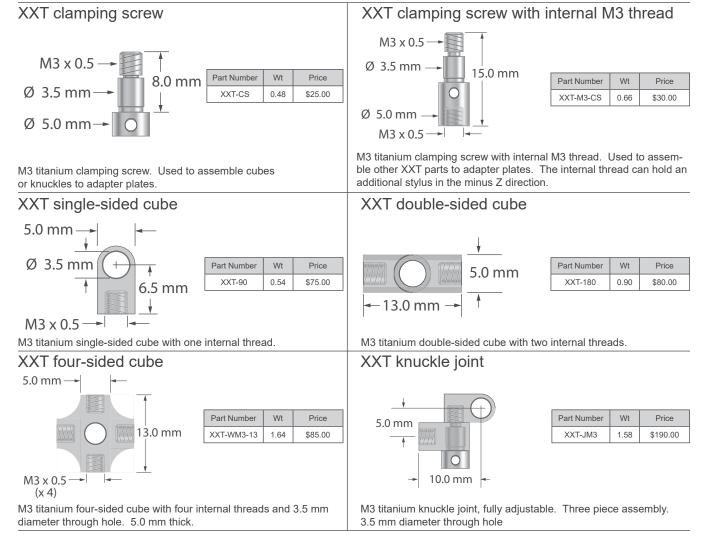
#### XXT Adapter plates with carbon fiber extensions and titanium star fittings





Part Number	Extension Length	Fits	Wt	Price
XXT-AP-ID-STR	55.0	TL1	6.90	\$450.00
XXT-AP-ID3-STR	55.0	TL3	6.90	\$450.00
XXT-AP-ID3-STR-75	75.0	TL3	7.50	\$495.00
XXT-AP-ID3-STR-100	100.0	TL3	8.25	\$495.00
XXT-AP-ID3-STR-125	125.0	TL3	8.98	\$495.00

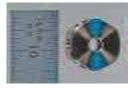
XXT adapter plates with carbon fiber extensions and titanium end fittings with five M3 internal threads.





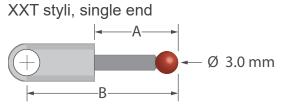


#### XXT six-sided hub



Part Number	Wt	Price
XXT-HUB-6	1.77	\$110.00

M3 titanium six-sided hub with six internal threads and 3.5 mm diameter through hole. 5.0 mm thick.



XXT eight-sided hub



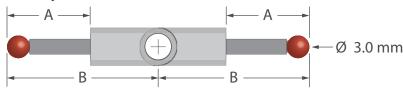
Part Number	Wt	Price
XXT-HUB-8	2.24	\$125.00

M3 titanium eight-sided hub with eight internal threads and 3.5 mm diameter through hole. 5.0 mm thick.

Part Number	А	В	Wt	Ruby	Silicon Nitride*
XXT-3020-L	11.0	20.0	0.72	\$145.00	\$175.00
XXT-3030-L	21.0	30.0	0.74	\$150.00	\$180.00
XXT-3040-L	31.0	40.0	0.82	\$155.00	\$185.00

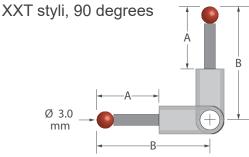
XXT styli. 5.0 mm thick titanium fitting with 3.5 mm diameter through hole. Single 2.0 mm diameter carbon fiber stem with a 3.0 mm diameter ball. Used with a clamping screw (page 28) or clamping stylus (page 30).

#### XXT styli, double end



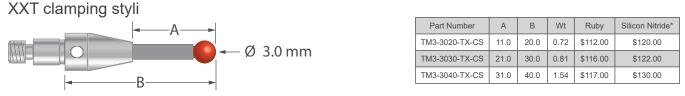
Part Number	А	В	Wt	Ruby	Silicon Nitride*
XXT-3020-180	11.0	20.0	1.34	\$265.00	\$295.00
XXT-3030-180	21.0	30.0	1.44	\$270.00	\$300.00
XXT-3040-180	31.0	40.0	1.54	\$275.00	\$305.00

XXT styli, 180 degrees. 5.0 mm square titanium center fitting with 3.5 mm diameter through hole. Two 2.0 mm diameter carbon fiber stems with 3.0 mm diameter balls. Used with a clamping screw (page 28) or clamping stylus (page 30).



Part Number	А	В	Wt	Ruby	Silicon Nitride*
XXT-3020-90	11.0	20.0	1.34	\$265.00	\$295.00
XXT-3030-90	21.0	30.0	1.44	\$270.00	\$300.00
XXT-3040-90	31.0	40.0	1.54	\$275.00	\$305.00

XXT styli, 90 degrees. 5.0 mm thick titanium center fitting with 3.5 mm diameter through hole. Two 2.0 mm diameter carbon fiber stems with 3.0 mm diameter balls. Used with a clamping screw (page 28) or clamping stylus (page 30).



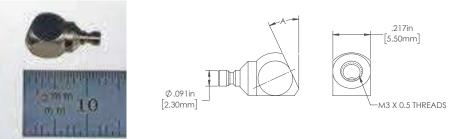
XXT clamping styli with 3.0 mm diameter ball, 2.0 mm diameter carbon fiber stem, and 5.0 mm diameter x 9.0 mm long titanium base.

\*NOTE: For a silicon nitride ball, add -SN to the part number.





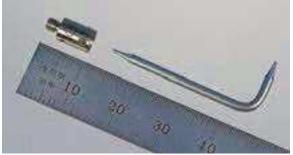
#### M3 Pro Fit threaded angle blocks, titanium



Part Number	Angle "A"	Wt	Price
WM3-5-PF-25	25.0	0.81	\$115.00
WM3-5-PF-30	30.0	0.81	\$115.00
WM3-5-PF-35	35.0	0.80	\$115.00
WM3-5-PF-40	40.0	0.80	\$115.00
WM3-5-PF-45	45.0	0.79	\$115.00
WM3-5-PF-55	55.0	0.77	\$115.00
WM3-5-PF-60	60.0	0.76	\$115.00
WM3-5-PF-90	90.0	0.71	\$115.00

M3 angled blocks with cone receptor. Titanium.

#### M3 Pro Fit rotary adapter with conical receiver and special wrench



Part Number	Wt	Price
RAP-5PF-CE	0.85	\$115.00

M3 Pro Fit rotary adapter with conical receiver. Allows unlimited radial adjustment. Three M1.2 set screws are tightened with special wrench (shown). 5.0 mm diameter x 7.0 mm long. Stainless steel. Designed for Pro Fit threaded angle blocks, above.

#### M3 XXT Stylus Kit



Part Number	Description	Qty
TM3-1031-TX-8	1.0 mm ruby stylus	2
TM3-1530-TX	1.5 mm ruby stylus	2
TM3-2040-TX	2.0 mm ruby stylus	2
TM3-3050-TX	3.0 mm ruby stylus	2
VM3-100-TX	100 mm extension	1
VM3-50-TX	50 mm extension	1
PK3	Probe key	2
XXT-CS	Clamping screw	1
XXT-M3-CS	Clamping screw	1
XXT-WM3-13	Four-sided cube	1
XXT-AP-ID3	Adapter plate, TL3	1

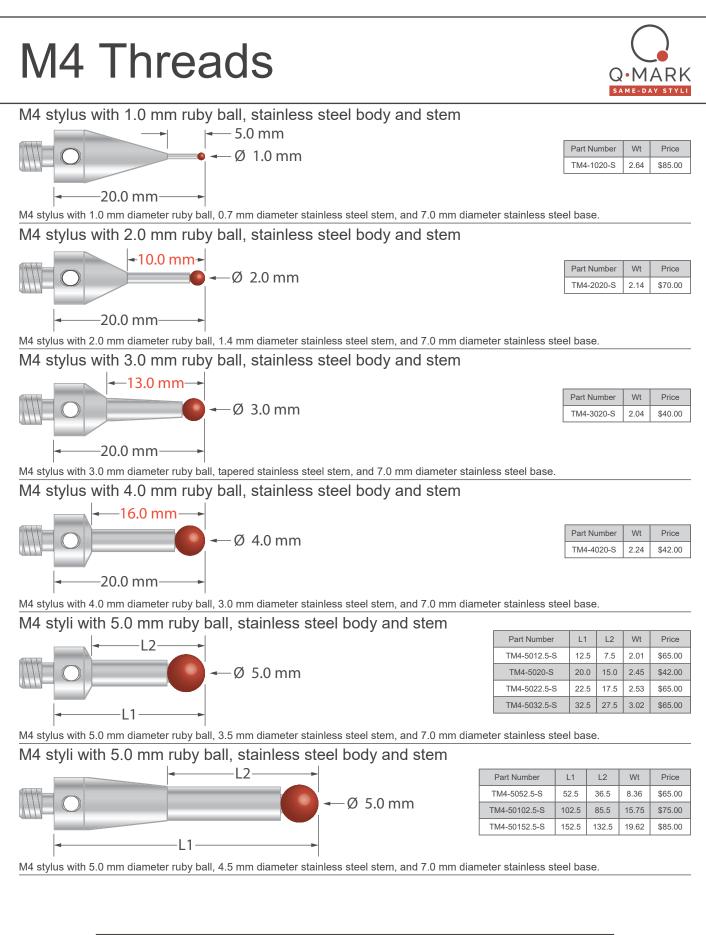




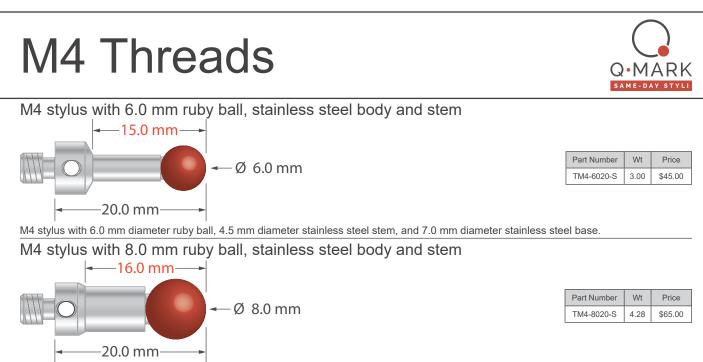
M3 XXT stylus kit consisting of sixteen items and protective case. Includes one adapter plate for TL3 probe head. A \$1,507.00 value if sold separately.

Part Number	Price
XXT-TL3-KIT	\$1,400.00



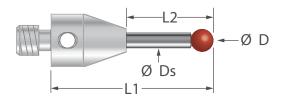


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M4 stylus with 8.0 mm diameter ruby ball, 6.0 mm diameter stainless steel stem, and 7.0 mm diameter stainless steel base.

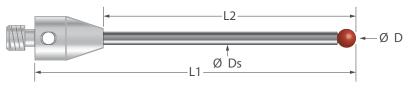
M4 styli with ruby ball, stainless steel body, and carbide stem



Part Number	D	Ds	L1	L2	Wt	Price
TM4-1020.5-DS.7	1.0	0.7	20.5	10.5	2.13	\$75.00
TM4-2021	2.0	1.5	21.0	11.0	2.45	\$69.00
TM4-3021.5	3.0	2.0	21.5	11.5	2.68	\$69.00
TM4-4022	4.0	2.0	22.0	12.0	2.74	\$69.00
TM4-6023	6.0	2.5	23.0	13.0	3.24	\$85.00

M4 stylus with ruby ball, carbide stem, and 7.0 mm diameter x 10.0 mm long stainless steel base.

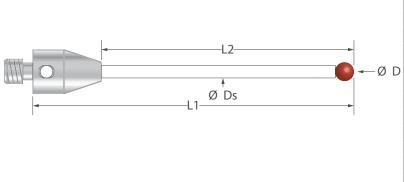
#### M4 styli with ruby ball, stainless steel body, and carbide stem



Part Number	D	Ds	L1	L2	Wt	Price
TM4-2051	2.0	1.5	51.0	41.0	3.19	\$79.00
TM4-3051.5	3.0	2.0	51.5	41.5	4.02	\$80.00
TM4-4052	4.0	2.5	52.0	42.0	4.08	\$85.00
TM4-5052.5	5.0	2.5	52.5	42.5	5.12	\$88.00
TM4-6053	6.0	2.5	53.0	39.0	5.28	\$88.00

M4 stylus with ruby ball, carbide stem, and 7.0 mm diameter stainless steel base.

M4 styli with ruby ball, stainless steel body, and ceramic stem



Part Number	D	Ds	L1	L2	Wt	Price		
TM4-3041.5-C	3.0	2.0	41.5	31.5	2.59	\$67.00		
TM4-4052-C	4.0	3.0	52.0	42.0	3.11	\$65.00		
TM4-5052.5-C	5.0	3.5	52.5	42.5	3.71	\$69.00		
TM4-5077.5-C	5.0	3.5	77.5	67.5	4.64	\$75.00		
TM4-50102.5-C	5.0	3.5	102.5	90.5	5.91	\$135.00		
TM4-6053-C	6.0	4.5	53.0	43.0	4.68	\$90.00		
TM4-6078-C	6.0	4.5	78.0	68.0	6.23	\$90.00		
TM4-60103-C	6.0	4.5	103.0	91.0	7.95	\$105.00		
TM4-60153-C	6.0	4.5	153.0	141.0	11.06	\$145.00		
TM4-8054-C	8.0	4.5	54.0	42.0	5.14	\$98.00		
TM4-8079-C	8.0	4.5	79.0	67.0	6.69	\$105.00		
TM4-80104-C	8.0	4.5	104.00	92.0	8.41	\$130.00		
	TM4-3041.5-C TM4-4052-C TM4-5052.5-C TM4-50102.5-C TM4-60102.5-C TM4-6078-C TM4-60103-C TM4-60103-C TM4-80153-C TM4-8054-C TM4-8054-C	TM4-3041.5-C     3.0       TM4-3041.5-C     3.0       TM4-5052.5-C     5.0       TM4-5077.5-C     5.0       TM4-6078-C     6.0       TM4-6078-C     6.0       TM4-60103-C     6.0       TM4-60153-C     6.0       TM4-8054-C     8.0       TM4-8079-C     8.0	TM4-3041.5-C         3.0         2.0           TM4-3041.5-C         3.0         2.0           TM4-5052.5-C         5.0         3.5           TM4-50102.5-C         5.0         3.5           TM4-6053-C         6.0         4.5           TM4-6078-C         6.0         4.5           TM4-60103-C         6.0         4.5           TM4-60153-C         6.0         4.5           TM4-60153-C         6.0         4.5           TM4-60153-C         6.0         4.5           TM4-8054-C         8.0         4.5           TM4-8054-C         8.0         4.5	TM4-3041.5-C         3.0         2.0         41.5           TM4-4052-C         4.0         3.0         52.0           TM4-5052.5-C         5.0         3.5         52.5           TM4-5077.5-C         5.0         3.5         102.5           TM4-6053-C         5.0         3.5         102.5           TM4-6053-C         6.0         4.5         53.0           TM4-6078-C         6.0         4.5         103.0           TM4-60103-C         6.0         4.5         103.0           TM4-60153-C         6.0         4.5         153.0           TM4-60153-C         6.0         4.5         54.0           TM4-8054-C         8.0         4.5         54.0	TM4-3041.5-C         3.0         2.0         41.5         31.5           TM4-4052-C         4.0         3.0         52.0         42.0           TM4-5052.5-C         5.0         3.5         52.5         42.5           TM4-5077.5-C         5.0         3.5         77.5         67.5           TM4-50102.5-C         5.0         3.5         102.5         90.5           TM4-6053-C         6.0         4.5         53.0         43.0           TM4-6053-C         6.0         4.5         78.0         68.0           TM4-60103-C         6.0         4.5         103.0         91.0           TM4-60153-C         6.0         4.5         153.0         141.0           TM4-60153-C         6.0         4.5         153.0         141.0           TM4-8054-C         8.0         4.5         54.0         42.0	TM4-3041.5-C         3.0         2.0         41.5         31.5         2.59           TM4-4052-C         4.0         3.0         52.0         42.0         3.11           TM4-5052.5-C         5.0         3.5         52.5         42.5         3.71           TM4-5077.5-C         5.0         3.5         77.5         67.5         4.64           TM4-6053-C         5.0         3.5         102.5         90.5         5.91           TM4-6053-C         6.0         4.5         53.0         43.0         4.68           TM4-6078-C         6.0         4.5         78.0         68.0         6.23           TM4-60103-C         6.0         4.5         103.0         91.0         7.95           TM4-60153-C         6.0         4.5         153.0         141.0         11.06           TM4-60153-C         6.0         4.5         54.0         42.0         5.14           TM4-8054-C         8.0         4.5         54.0         42.0         5.14           TM4-8079-C         8.0         4.5         79.0         67.0         6.04		

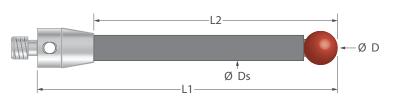
M4 stylus with ruby ball, ceramic stem, and 7.0 mm diameter stainless steel base.



### M4 Threads

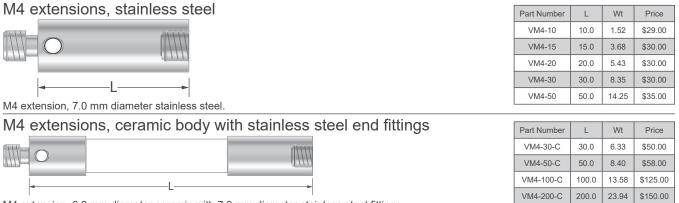


#### M4 styli with 6.0 mm ruby ball, stainless steel body, and carbon fiber stem



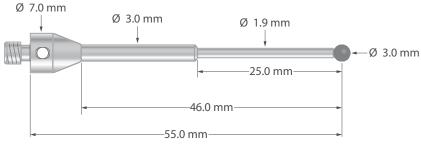
Part Number	D	L1	L2	Wt	Price
TM4-6053-G	6.0	53.0	43.0	3.18	\$105.00
TM4-60103-DS4.5-G	6.0	103.0	91.0	4.58	\$130.00
TM4-60153-G	6.0	153.0	138.0	6.05	\$160.00
TM4-60203-G	6.0	203.0	188.0	7.28	\$190.00
TM4-60303-G	6.0	303.0	288.0	9.73	\$248.00
TM4-80304-G	8.0	304.0	288.0	10.25	\$350.00

M4 stylus with ruby ball, 4.5 mm diameter carbon fiber stem, and 7.0 mm diameter stainless steel base.



M4 extension, 6.0 mm diameter ceramic with 7.0 mm diameter stainless steel fittings.

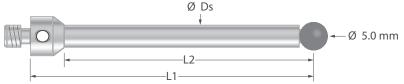
#### M4 stylus with 3.0 mm carbide ball and stainless steel base and stem, electrically conductive



Part Number	Wt	Price
TM4-3056.5-EC	3.82	\$146.00

M4 stylus with 3.0 mm diameter carbide ball and stainless steel base and stem. Stylus is electrically conductive.

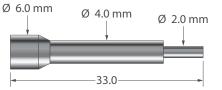
#### M4 styli with 5.0 mm carbide ball and stainless steel base and stem, electrically conductive



Part Number	L1	L2	Ds	Wt	Price
TM4-5052.5-EC	50.0	44.0	4.5	5.85	\$69.00
TM4-5056.5-EC	54.0	48.0	3.9	6.09	\$158.00
TM4-50102.5-EC	100.0	80.0	4.5	15.52	\$160.00
TM4-50152.5-EC	150.0	130.0	4.5	27.94	\$170.00

M4 styli with 5.0 mm diameter carbide ball and stainless steel base and stem.

#### M4 probe wrench, golf tee style



Part Number	Wt	Price
PK-4-GT	3.50	\$11.00

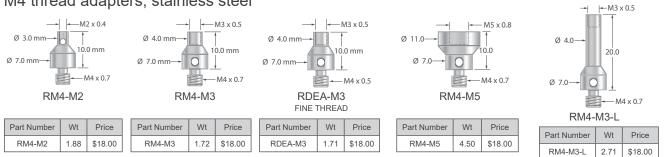
M4 probe key. Made from hardened and tempered tool steel.



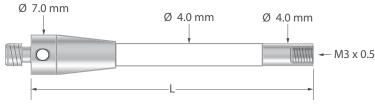
### M4 Threads



#### M4 thread adapters, stainless steel



#### M4 thread adapters with ceramic body and stainless steel end fittings



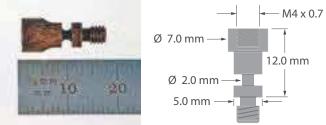
Part Number	L	Wt	Price
RM4-50-M3-C	50.0	4.36	\$59.00
RM4-75-M3-C	75.0	5.18	\$90.00
RM4-100-M3-C	100.0	6.27	\$103.00

Part Number

M4-WL

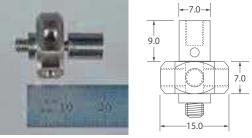
M4 thread adapters. Stainless steel end fittings with ceramic body.

#### M4 weak link



"Weak Link" with M4 male and M4 female threads. Machined from SAE 4140 chromoly steel. Black oxide finish.

#### M4 star hub, 5-way



M4 5-way hub. Fully adjustable, two-piece assembly. Stainless steel.

#### M4 rotary knuckle



Part Number	Wt	Price
KM4-18	11.63	\$58.00

Wt

2.26

Price

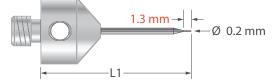
\$25.00

Part Number	Wt	Price
RJM4-33	15.09	\$120.00

M4 rotary knuckle with ball bearing for unlimited radial adjustment and a clevis knuckle for 180 degree axial adjustment. Stainless steel. Overall length is 33.0 mm.



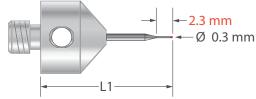
### 0.2 mm ruby ball with tapered carbide stem



Part Number	L1	Wt	Price
AFG-0225-T	25.0	5.62	\$340.00

M5 stylus with 0.2 mm diameter ruby ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long titanium base. Minor stem diameter is 0.15 mm and major diameter is 1.0 mm.

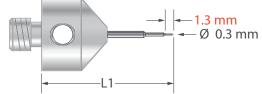
#### 0.3 mm ruby ball with tapered carbide stem



Part Number	L1	Wt	Price
AFG-0318-R	18.0	5.58	\$91.00
AFG-0320-R	20.0	5.65	\$91.00
AFG-0323-R	23.0	5.68	\$99.00

M5 stylus with 0.3 mm diameter ruby ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.2 mm and major diameter is 1.0 mm.

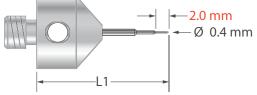
#### 0.3 mm carbide ball with stepped carbide stem



Part Number	L1	Wt	Price
AFG-0320-C	20.0	5.60	\$140.00
AFG-0325-C	25.0	5.65	\$140.00

M5 stylus with 0.3 mm diameter carbide ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.2 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

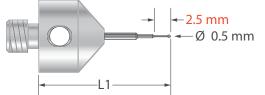
#### 0.4 mm carbide ball with stepped carbide stem



Part Number	L1	Wt	Price
AFG-0420-C	20.0	5.60	\$130.00
AFG-0425-C	25.0	5.65	\$135.00

M5 stylus with 0.4 mm diameter carbide ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.25 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.

### 0.5 mm carbide ball with stepped carbide stem



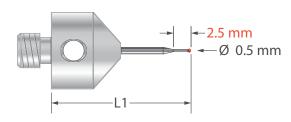
Part Number	L1	Wt	Price
AFG-0520-C	20.0	5.60	\$110.00
AFG-0525-C	25.0	5.66	\$115.00
AFG-0530-C	30.0	5.72	\$121.00
AFG-0540-C	40.0	5.84	\$125.00

M5 stylus with 0.5 mm diameter carbide ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.3 mm, intermediate diameter is 0.5 mm, and major diameter is 1.0 mm.





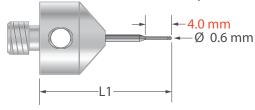
### 0.5 mm ruby or silicon nitride ball with tapered carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
AFG-0515	15.0	5.64	\$98.00	\$128.00
AFG-0520	20.0	5.66	\$98.00	\$128.00
AFG-0522	22.0	5.70	\$98.00	\$128.00
AFG-0525	25.0	5.72	\$110.00	\$140.00
AFG-0530	30.0	5.78	\$121.00	\$151.00
AFG-0540	40.0	5.90	\$125.00	\$155.00
AFG-0550	50.0	6.02	\$130.00	\$160.00
AFG-0555	55.0	6.08	\$175.00	\$205.00

M5 stylus with 0.5 mm diameter ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

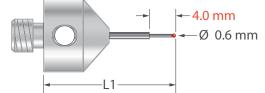
### 0.6 mm carbide ball with tapered carbide stem



Part Number	L1	Wt	Price
AFG-0620-C	20.0	5.62	\$105.00
AFG-0625-C	25.0	5.68	\$105.00
AFG-0630-C	30.0	5.74	\$110.00

M5 stylus with 0.6 mm diameter carbide ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.43 mm and major diameter is 1.0 mm.

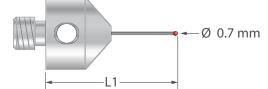
### 0.6 mm ruby or silicon nitride ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
AFG-0620	15.0	5.62	\$95.00	\$125.00
AFG-0622.1	20.0	5.65	\$80.00	\$110.00
AFG-0625	22.0	5.68	\$95.00	\$125.00
AFG-0640	25.0	5.86	\$105.00	\$135.00

M5 stylus with 0.6 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.43 mm and major diameter is 1.0 mm.

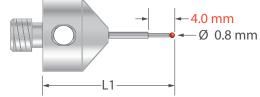
#### 0.7 mm ball with 0.5 mm carbide stem



Part Number	L1	Wt	Ruby	Zirconia**
AFG-0720	20.0	5.62	\$68.00	\$98.00
AFG-0730	30.0	5.74	\$72.00	\$102.00

M5 stylus with 0.7 mm diameter ball, 0.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

#### 0.8 mm ball with stepped carbide stem



	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	AFG-0820	20.0	5.65	\$88.00	\$118.00	\$118.00
	AFG-0825	25.0	5.71	\$88.00	\$118.00	\$118.00
	AFG-0830	30.0	5.77	\$93.00	\$123.00	\$123.00
	AFG-0832	32.0	5.79	\$85.00	\$115.00	\$115.00
ĺ	AFG-0840	40.0	5.89	\$98.00	\$128.00	\$128.00

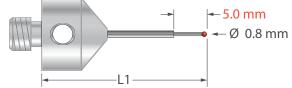
M5 stylus with 0.8 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.6 mm, major diameter is 1.0 mm.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.





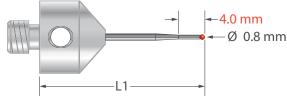
### 0.8 mm ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-0825-L5	25.0	5.51	\$98.00	\$128.00	\$128.00
AFG-0833-L5	33.0	5.60	\$98.00	\$128.00	\$128.00

M5 stylus with 0.8 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.6 mm, major diameter is 1.0 mm.

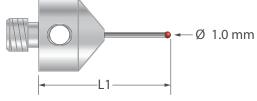
### 0.8 mm ball with tapered carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-0820-T	20.0	5.65	\$88.00	\$118.00	\$118.00
AFG-0825-T	25.0	5.71	\$88.00	\$118.00	\$118.00
AFG-0830-T	30.0	5.77	\$93.00	\$123.00	\$123.00
AFG-0840-T	40.0	5.89	\$98.00	\$128.00	\$123.00

M5 stylus with 0.8 mm diameter ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.6 mm, major diameter is 1.0 mm.

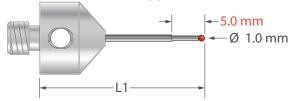
### 1.0 mm ball with 0.7 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1020-DS.7	20.0	5.65	\$70.00	\$100.00	\$100.00
AFG-1020.5-DS.7	20.5	5.68	\$70.00	\$105.00	\$100.00
AFG-1025-DS.7	25.0	5.72	\$70.00	\$100.00	\$100.00
AFG-1030-DS.7	30.0	5.78	\$85.00	\$115.00	\$115.00
AFG-1030.5-DS.7	30.5	5.79	\$80.00	\$110.00	\$110.00
AFG-1040-DS.7	40.0	5.84	\$85.00	\$115.00	\$115.00

M5 stylus with 1.0 mm diameter ball, 0.7 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

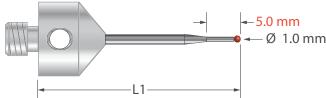
#### 1.0 mm ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1020	20.0	5.65	\$65.00	\$95.00	\$95.00
AFG-1022.5	22.5	5.66	\$65.00	\$95.00	\$95.00
AFG-1025	25.0	5.71	\$65.00	\$95.00	\$95.00

M5 stylus with 1.0 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 0.7 mm, major diameter is 1.0 mm.

### 1.0 mm ball with tapered carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1030	30.0	5.77	\$80.00	\$105.00	\$105.00
AFG-1040	35.0	5.89	\$80.00	\$110.00	\$110.00
AFG-1058	58.0	6.09	\$80.00	\$110.00	\$110.00
AFG-1080	60.0	6.33	\$85.00	\$120.00	\$120.00

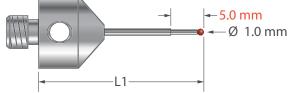
M5 stylus with 1.0 mm diameter ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base. Minor stem diameter is 0.7 mm, major diameter is 1.5 mm.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.





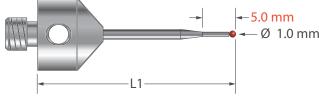
### 1.0 mm ball with stepped carbide stem and light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1020-L	20.0	2.08	\$70.00	\$100.00	\$100.00
AFG-1025-L	25.0	2.10	\$70.00	\$100.00	\$100.00

M5 stylus with 1.0 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base. Minor stem diameter is 0.7 mm, major diameter is 1.0 mm.

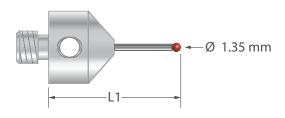
### 1.0 mm ball with tapered carbide stem and light weight design



~										
	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**				
	AFG-1030-L	30.0	2.14	\$80.00	\$110.00	\$110.00				
	AFG-1035-L	35.0	2.20	\$80.00	\$110.00	\$110.00				
	AFG-1060-L	60.0	2.48	\$85.00	\$115.00	\$115.00				

M5 stylus with 1.0 mm diameter ball, tapered carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base. Minor stem diameter is 0.7 mm, major diameter is 1.5 mm.

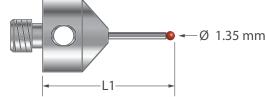
#### 1.35 mm ball with 1.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
AFG-1320	20.0	5.63	\$60.00	\$90.00
AFG-1325	25.0	5.69	\$60.00	\$90.00
AFG-1330	30.0	5.75	\$60.00	\$90.00
AFG-1332	32.0	5.77	\$60.00	\$90.00
AFG-1333	33.0	5.78	\$60.00	\$90.00
AFG-1335	35.0	5.81	\$60.00	\$90.00
AFG-1340	40.0	5.87	\$60.00	\$90.00
AFG-1344	44.0	5.93	\$60.00	\$90.00
AFG-1346	46.0	6.03	\$70.00	\$100.00

M5 stylus with 1.35 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

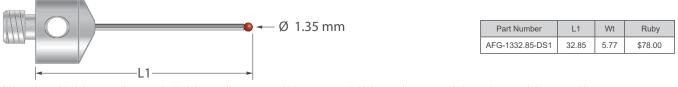
### 1.35 mm ball with 1.0 mm carbide stem, light weight design



Part Number	L1	Wt	Ruby
AFG-1325-L	25.0	2.12	\$65.00
AFG-1340-L	40.0	2.30	\$65.00
AFG-1346-L	46.0	2.46	\$75.00

M5 stylus with 1.35 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

### 1.35 mm ball with 1.0 mm carbide stem and 9.0 mm long base



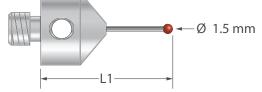
M5 stylus with 1.35 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 9.0 mm long stainless steel base.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.





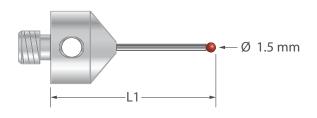
### 1.5 mm ball with 0.7 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1520-DS.7	20.0	5.59	\$70.00	\$100.00	\$100.00

M5 stylus with 1.5 mm diameter ball, 0.7 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

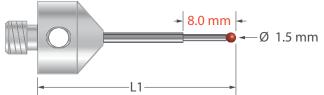
### 1.5 mm ball with 1.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1515	15.0	5.57	\$65.00	\$95.00	\$95.00
AFG-1520	20.0	5.63	\$65.00	\$95.00	\$95.00
AFG-1520.75	20.75	5.64	\$70.00	\$100.00	\$100.00
AFG-1525	25.0	5.69	\$65.00	\$95.00	\$95.00
AFG-1530-DS1	30.0	5.75	\$65.00	\$95.00	\$95.00
AFG-1533-DS1	33.0	5.78	\$49.00	\$79.00	\$79.00
AFG-1535-DS1	35.0	5.80	\$65.00	\$95.00	\$95.00
AFG-1540-DS1	40.0	5.86	\$63.00	\$93.00	\$93.00
AFG-1540.75-DS1	40.75	5.93	\$70.00	\$100.00	\$100.00
AFG-1545-DS1	45.0	6.04	\$70.00	\$100.00	\$100.00

M5 stylus with 1.5 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

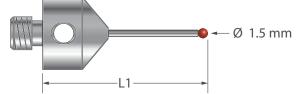
### 1.5 mm ball with stepped carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1530	30.0	6.05	\$65.00	\$95.00	\$95.00
AFG-1535	35.0	6.17	\$65.00	\$95.00	\$95.00
AFG-1540	40.0	6.29	\$70.00	\$100.00	\$100.00
AFG-1545	45.0	6.41	\$70.00	\$100.00	\$100.00
AFG-1550	50.0	6.53	\$70.00	\$100.00	\$100.00

M5 stylus with 1.5 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base. Minor stem diameter is 1.0 mm, major diameter is 1.5 mm.

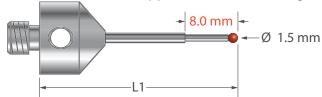
### 1.5 mm ball with 1.0 mm carbide stem, light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1515-L	15.0	2.00	\$70.00	\$100.00	\$100.00
AFG-1520-L	20.0	2.06	\$70.00	\$100.00	\$100.00
AFG-1525-L	25.0	2.12	\$70.00	\$100.00	\$100.00

M5 stylus with 1.5 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

#### 1.5 mm ball with stepped carbide stem, light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-1530-L	30.0	2.42	\$70.00	\$100.00	\$100.00

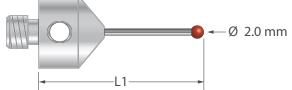
M5 stylus with 1.5 mm diameter ball, stepped carbide stem, and 11.0 mm diameter x 10.0 mm hard anodized aluminum base. Minor stem diameter is 1.0 mm, major diameter is 1.5 mm.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.





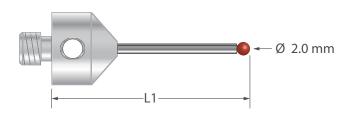
### 2.0 mm ball with 1.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-2020	20.0	5.60	\$57.00	\$87.00	\$87.00
AFG-2021	21.0	5.61	\$55.00	\$85.00	\$85.00
AFG-2025	25.0	5.66	\$57.00	\$87.00	\$87.00
AFG-2031-DS1	31.0	5.72	\$64.00	\$94.00	\$94.00
AFG-2041-DS1	41.0	5.83	\$80.00	\$110.00	\$110.00
AFG-2051-DS1	51.0	5.96	\$89.00	\$119.00	\$119.00
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M5 stylus with 2.0 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

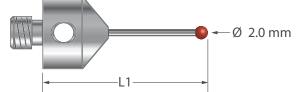
### 2.0 mm ball with 1.5 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-2030	30.0	6.08	\$75.00	\$105.00	\$105.00
AFG-2033.5	33.5	6.17	\$80.00	\$70.00	\$110.00
AFG-2035	35.0	6.20	\$64.00	\$94.00	\$94.00
AFG-2040	40.0	6.32	\$85.00	\$115.00	\$115.00
AFG-2045	45.0	6.45	\$69.00	\$99.00	\$99.00
AFG-2050	50.0	6.57	\$90.00	\$120.00	\$120.00
AFG-2060	60.0	6.82	\$95.00	\$125.00	\$125.00
AFG-2080	80.0	7.32	\$83.00	\$113.00	\$113.00
AFG-2081	81.0	7.34	\$83.00	\$113.00	\$113.00
AFG-20100	100.0	7.81	\$88.00	\$118.00	\$118.00

M5 stylus with 2.0 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### 2.0 mm ball with 1.0 mm carbide stem, light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-2020-L	20.0	2.06	\$62.00	\$92.00	\$92.00
AFG-2025-L	25.0	2.12	\$62.00	\$92.00	\$92.00

M5 stylus with 2.0 mm diameter ball, 1.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

### 2.0 mm ball with 1.5 mm carbide stem, light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-2030-L	30.0	2.39	\$69.00	\$99.00	\$99.00
AFG-2035-L	35.0	2.51	\$69.00	\$99.00	\$99.00
AFG-2040-L	40.0	2.63	\$71.00	\$101.00	\$101.00

M5 stylus with 2.0 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

### 2.5 mm ball with 1.5 mm carbide stem, light weight design



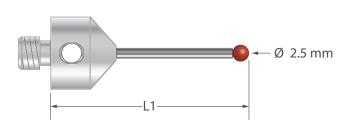
M5 stylus with 2.5 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.





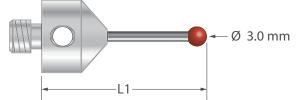
### 2.5 mm ball with 1.5 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
AFG-2520	20.0	5.75	\$66.00	\$96.00	\$96.00
AFG-2521.25	21.25	5.77	\$60.00	\$90.00	\$90.00
AFG-2525	25.0	5.87	\$66.00	\$96.00	\$96.00
AFG-2530	30.0	5.99	\$66.00	\$96.00	\$96.00
AFG-2531.25	31.25	6.02	\$66.00	\$96.00	\$96.00
AFG-2534	34.0	6.26	\$54.00	\$84.00	\$84.00
AFG-2535	35.0	6.31	\$66.00	\$96.00	\$96.00
AFG-2540	40.0	6.45	\$72.00	\$102.00	\$102.00
AFG-2550	50.0	6.74	\$74.00	\$104.00	\$104.00
AFG-2565	65.0	6.85	\$77.00	\$107.00	\$107.00
AFG-2575	75.0	7.10	\$80.00	\$110.00	\$110.00

M5 stylus with 2.5 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

#### 3.0 mm ball with 1.5 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-3015	15.0	5.63	\$60.00	\$90.00	\$90.00
ATG-3020	20.0	5.91	\$60.00	\$90.00	\$90.00
ATG-3025	25.0	6.01	\$60.00	\$90.00	\$90.00

M5 stylus with 3.0 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

# 3.0 mm ball with 2.0 mm carbide stem

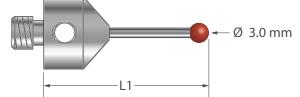
Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-3021.5	21.5	5.91	\$49.00	\$79.00	\$79.00
ATG-3025-DS2	25.0	6.37	\$50.00	\$80.00	\$80.00
ATG-3030	30.0	6.61	\$62.00	\$92.00	\$92.00
ATG-3033	33.0	6.75	\$58.00	\$87.00	\$87.00
ATG-3033.5	33.5	6.78	\$41.00	\$87.00	\$87.00
ATG-3035	35.0	6.84	\$66.00	\$96.00	\$96.00
ATG-3040	40.0	7.06	\$68.00	\$98.00	\$98.00
ATG-3041.5	41.5	7.18	\$68.00	\$98.00	\$98.00
ATG-3045	45.0	7.28	\$68.00	\$98.00	\$98.00
ATG-3050	50.0	7.50	\$59.00	\$80.00	\$80.00
ATG-3051.5	51.5	7.62	\$70.00	\$100.00	\$100.00
ATG-3058	58.0	7.86	\$40.00	\$84.00	\$82.00
ATG-3060	60.0	7.95	\$74.00	\$100.00	\$100.00
ATG-3063	63.0	8.08	\$70.00	\$100.00	\$100.00
ATG-3065	65.0	8.17	\$72.00	\$102.00	\$102.00
ATG-3070	70.0	8.40	\$72.00	\$102.00	\$102.00
ATG-3075	75.0	8.62	\$74.00	\$104.00	\$104.00
ATG-3080	80.0	8.84	\$74.00	\$104.00	\$104.00
ATG-3085	85.0	9.07	\$74.00	\$104.00	\$104.00
ATG-3090	90.0	9.29	\$76.00	\$110.00	\$106.00
ATG-30100	100.0	9.73	\$88.00	\$118.00	\$118.00
ATG-30110	110.0	10.18	\$88.00	\$118.00	\$118.00
ATG-30118	118.0	10.54	\$88.00	\$118.00	\$118.00
ATG-30120	120.0	10.63	\$88.00	\$118.00	\$118.00

M5 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.



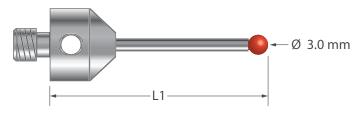


### 3.0 mm ball with 1.5 mm carbide stem, light weight design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-3020-L	20.0	2.21	\$65.00	\$95.00	\$95.00
ATG-3025-L	25.0	2.43	\$67.00	\$97.00	\$97.00

M5 stylus with 3.0 mm diameter ball, 1.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base. 3.0 mm ball with 2.0 mm carbide stem, light weight design



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Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**	
ATG-3030-L	30.0	2.88	\$67.00	\$97.00	\$97.00	
ATG-3033-L	33.0	3.02	\$71.00	\$101.00	\$101.00	
ATG-3050-L	50.0	3.78	\$73.00	\$103.00	\$103.00	
ATG-3058-L	58.0	4.14	\$75.00	\$105.00	\$105.00	
ATG-3065-L	65.0	4.45	\$77.00	\$107.00	\$107.00	
ATG-3080-L	80.0	5.12	\$79.00	\$109.00	\$109.00	

M5 stylus with 3.0 mm diameter ball, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

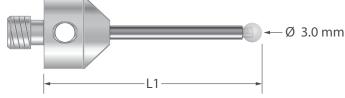
### 3.0 mm ball with 2.0 mm carbon fiber stem and titanium base, Therm-X design



	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	ATG-3025-TX	30.0	3.34	\$78.00	\$108.00	\$108.00
	ATG-3033-TX	33.0	3.37	\$85.00	\$115.00	\$115.00
	ATG-3050-TX	50.0	3.45	\$98.00	\$128.00	\$128.00
ĺ	ATG-3058-TX	58.0	3.49	\$98.00	\$128.00	\$128.00

M5 stylus with 3.0 mm diameter ball, 2.0 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 10.0 mm long titanium base.

### 3.0 mm diamond sphere with 2.0 mm carbide stem



Part Number	L1	Wt	Price
ATG-3033-D	33.0	6.75	\$1,070.00
ATG-3058-D	58.0	7.86	\$1,070.00
ATG-3075-D	75.0	8.62	\$1,070.00

M5 stylus with 3.0 mm diameter diamond sphere, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### 3.05 mm diamond coated sphere with 2.0 mm carbide stem



Part Number	L1	Wt	Price
ATG-3033-DC	33.0	6.75	\$695.00
ATG-3058-DC	58.0	7.86	\$695.00
ATG-3075-DC	75.0	8.62	\$695.00

M5 stylus with 3.05 mm diameter diamond coated sphere, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.





3.5 mm ball with 2.5 mm carbide stem	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	ATG-3518	18.0	6.14	\$66.00	\$96.00	\$96.00
	ATG-3530	30.0	6.96	\$68.00	\$98.00	\$98.00
	ATG-3533	33.0	7.16	\$68.00	\$98.00	\$98.00
	ATG-3535	35.0	7.30	\$68.00	\$98.00	\$98.00
	ATG-3545	45.0	7.98	\$68.00	\$98.00	\$98.00
√/// Ø 3.5 mm	ATG-3550	50.0	8.32	\$70.00	\$100.00	\$100.00
	ATG-3555	55.0	8.66	\$70.00	\$100.00	\$100.00
	ATG-3558	58.0	8.86	\$70.00	\$100.00	\$100.00
<l1></l1>	ATG-3560	60.0	9.00	\$70.00	\$100.00	\$100.00
	ATG-3575	75.0	10.02	\$74.00	\$104.00	\$104.00
	ATG-3580	80.0	10.36	\$76.00	\$106.00	\$106.00
	ATG-3590	90.0	11.04	\$78.00	\$108.00	\$108.00

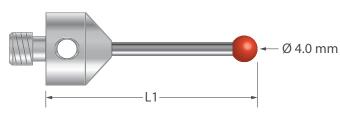
ATG-35100

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M5 stylus with 3.5 mm diameter ball, 2.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### 4.0 mm ball with 2.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-4022	22.0	5.91	\$63.00	\$93.00	\$93.00
ATG-4025	25.0	6.42	\$63.00	\$93.00	\$93.00
ATG-4030	30.0	6.64	\$63.00	\$93.00	\$93.00
ATG-4032	32.0	6.72	\$63.00	\$93.00	\$93.00
ATG-4033	33.0	6.77	\$63.00	\$93.00	\$93.00
ATG-4033.5	33.5	6.80	\$53.00	\$83.00	\$83.00
ATG-4035	35.0	6.86	\$63.00	\$93.00	\$93.00
ATG-4040	40.0	7.08	\$68.00	\$98.00	\$98.00
ATG-4052	52.0	7.67	\$70.00	\$100.00	\$100.00

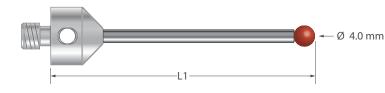
\$85.00

\$115.00

\$115.00

M5 stylus with 4.0 mm diameter ball, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

#### 4.0 mm ball with 2.5 mm carbide stem



	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**					
	ATG-4050	50.0	8.34	\$80.00	\$110.00	\$110.00					
	ATG-4055	55.0	8.68	\$80.00	\$110.00	\$110.00					
	ATG-4058	58.0	8.88	\$80.00	\$110.00	\$110.00					
	ATG-4060	60.0	9.02	\$80.00	\$110.00	\$110.00					
	ATG-4064	64.0	9.29	\$80.00	\$110.00	\$110.00					
	ATG-4070	70.0	9.70	\$80.00	\$110.00	\$110.00					
	ATG-4075	75.0	10.04	\$85.00	\$115.00	\$115.00					
	ATG-4080	80.0	10.38	\$90.00	\$120.00	\$120.00					
	ATG-4085	85.0	10.72	\$95.00	\$125.00	\$125.00					
	ATG-4090	90.0	11.06	\$95.00	\$125.00	\$125.00					
	ATG-4095	95.0	11.40	\$95.00	\$125.00	\$125.00					
	ATG-40100	100.0	11.74	\$110.00	\$140.00	\$140.00					
[	ATG-40110	110.0	12.42	\$120.00	\$150.00	\$150.00					
	ATG-40120	120.0	13.10	\$120.00	\$150.00	\$150.00					

M5 stylus with 4.0 mm diameter ball, 2.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### 4.0 mm ball with 3.0 mm carbide stem

+L2	← Ø 4.0 mm
 L1	*

Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-4077-DS3	77.0	67.0	11.44	\$100.00	\$130.00	\$130.00
ATG-40135	135.0	125.0	18.32	\$115.00	\$145.00	\$145.00
ATG-40150	150.0	135.0	21.14	\$120.00	\$150.00	\$150.00

M5 stylus with 4.0 mm diameter ball, 3.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.



VARNING: The products on this page can expose you to chemicals including cobalt, nickel,
nd phenylhydrazine, which are known to the State of California to cause cancer, and bisphenol
(BPA), which is known to the State of California to cause birth defects or other reproductive
arm. For more information go to www.p65warnings.ca.gov.



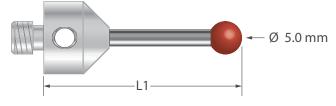
### 4.0 mm ball with 2.0 mm carbon fiber stem and titanium base, Therm-X design



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-4033-TX	33.0	3.45	\$103.00	\$133.00	\$133.00
ATG-4064-TX	64.0	3.60	\$115.00	\$145.00	\$145.00

M5 stylus with 4.0 mm diameter ball, 2.0 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 10.0 mm long titanium base.

### 5.0 mm ball with 2.5 mm carbide stem



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Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-5015	15.0	6.35	\$80.00	\$110.00	\$110.00
ATG-5020	20.0	6.69	\$80.00	\$110.00	\$110.00
ATG-5022.5	22.5	6.86	\$80.00	\$110.00	\$110.00
ATG-5030	30.0	7.37	\$80.00	\$110.00	\$110.00
ATG-5033	33.0	7.57	\$80.00	\$110.00	\$110.00
ATG-5035	35.0	7.71	\$80.00	\$110.00	\$110.00
ATG-5040	40.0	8.05	\$80.00	\$110.00	\$110.00

M5 stylus with 5.0 mm diameter ball, 2.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base

mm

### 5.0 mm ball with 3.5 mm carbide stem

0	4	L2	← Ø	5.0
-	L	1	 -	

1.0 mm diameter x 10.0 mm long stainless steel base.										
Part Number	L1	L2	Wt	Ruby	Silicon Nitride*	Zirconia**				
ATG-5045	45.0	35.0	10.48	\$80.00	\$110.00	\$110.00				
ATG-5050	50.0	40.0	11.18	\$45.00	\$95.00	\$95.00				
ATG-5053	53.0	43.0	11.59	\$64.00	\$100.00	\$100.00				
ATG-5058	58.0	48.0	12.28	\$75.00	\$105.00	\$105.00				
ATG-5060	60.0	50.0	12.56	\$75.00	\$105.00	\$105.00				
ATG-5063	63.0	53.0	12.70	\$75.00	\$105.00	\$105.00				
ATG-5065	65.0	55.0	12.97	\$90.00	\$120.00	\$120.00				
ATG-5070	70.0	60.0	13.67	\$90.00	\$120.00	\$120.00				
ATG-5075	75.0	65.0	14.36	\$50.00	\$120.00	\$120.00				
ATG-5080	80.0	70.0	15.05	\$90.00	\$120.00	\$120.00				
ATG-5085	85.0	75.0	15.74	\$90.00	\$120.00	\$120.00				
ATG-5090	90.0	80.0	16.43	\$90.00	\$120.00	\$120.00				
ATG-50100	100.0	90.0	17.82	\$110.00	\$140.00	\$140.00				
ATG-50105	105.0	95.0	18.51	\$94.00	\$124.00	\$124.00				
ATG-50114	114.0	104.0	19.75	\$110.00	\$140.00	\$140.00				
ATG-50120	120.0	110.0	20.58	\$110.00	\$140.00	\$140.00				
ATG-50125	125.0	110.0	21.27	\$120.00	\$150.00	\$150.00				
ATG-50130	130.0	115.0	23.80	\$125.00	\$155.00	\$155.00				
ATG-50135	135.0	120.0	24.49	\$125.00	\$155.00	\$155.00				
ATG-50140	140.0	125.0	25.18	\$135.00	\$165.00	\$165.00				

M5 stylus with 5.0 mm diameter ball, 3.5 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

### 5.0 mm ball with 3.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-5032.5	30.0	6.88	\$80.00	\$110.00	\$110.00
ATG-5052.5	50.0	8.87	\$80.00	\$110.00	\$110.00
ATG-5077.5-DS3	75.0	11.63	\$84.00	\$114.00	\$114.00

M5 stylus with 5.0 mm diameter ball, 3.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.



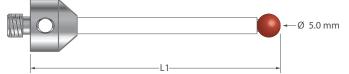
Zirconia\*\*

\$145.00

\$150.00

\$180.00

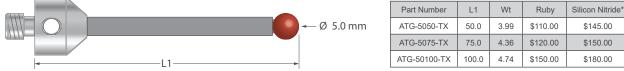
### 5.0 mm ball with 3.5 mm ceramic stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-5053-C	53.0	3.38	\$68.00	\$98.00	\$98.00
ATG-5063-C	63.0	4.12	\$85.00	\$115.00	\$115.00
ATG-50100-C	100.0	5.49	\$99.00	\$129.00	\$129.00

M5 stylus with 5.0 mm diameter ball, 3.5 mm diameter ceramic stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

#### 5.0 mm ball with 3.5 mm carbon fiber stem and titanium base, Therm-X design



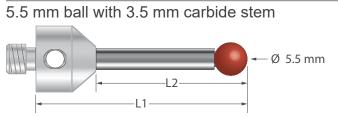
M5 stylus with 5.0 mm diameter ball, 3.5 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 10.0 mm long titanium base.

5.5 mm ball with 2.0 mm carbide stem



[	Part Number	L1	Wt	Ruby
	ATG-5550-DS2	50.0	7.75	\$95.00
	ATG-5575-DS2	75.0	8.86	\$105.00

M5 stylus with 5.5 mm diameter ruby ball, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.



Part Number	L1	L2	Wt	Ruby
ATG-5533	33.0	23.0	8.98	\$94.00
ATG-5550	50.0	40.0	11.33	\$99.00
ATG-55100	100.0	90.0	18.25	\$117.00
ATG-55120	120.0	110.0	21.01	\$132.00
ATG-55125	125.0	110.0	23.26	\$132.00
ATG-55140	140.0	125.0	25.34	\$138.00

M5 stylus with 5.5 mm diameter ruby ball, 3.5 mm diameter carbide stem, and 11.0 mm diameter stainless steel base

#### 6.0 mm ball with 3.5 mm carbide stem Silicon Nitride Part Number L1 L2 Wt Ruby Zirconia\* ATG-6033 33.0 23.0 9.70 \$80.00 \$110.00 \$110.00 ATG-6040 40.0 30.0 10.67 \$80.00 \$110.00 \$110.00 ATG-6045 \$110.00 45.0 35.0 11.36 \$80.00 \$110.00 ATG-6053 53.0 43.0 12.47 \$80.00 \$110.00 \$110.00 ATG-6054 54.0 44.0 12.61 \$59.00 \$110.00 \$110.00 ATG-6055 55.0 45.0 12.75 \$85.00 \$115.00 \$115.00 Ø 6.0 mm ATG-6060 \$85.00 \$115.00 \$115.00 60.0 50.0 13.30 ATG-6064 64.0 54.0 13.85 \$85.00 \$115.00 \$115.00 12 ATG-6065 65.0 55.0 14 36 \$85.00 \$115.00 \$115.00 L1 ATG-6070 70.0 60.0 14.54 \$95.00 \$125.00 \$125.00 ATG-6075 75.0 65.0 15.24 \$95.00 \$125.00 \$125.00 ATG-60100 \$110.00 \$140.00 \$140.00 100.0 90.0 18.69 ATG-60110 110.0 100.0 20.08 \$110.00 \$140.00 \$140.00 ATG-60125 125.0 115.0 22.15 \$120.00 \$150.00 \$150.00 ATG-60150 150.0 135.0 25.61 \$130.00 \$160.00 \$160.00

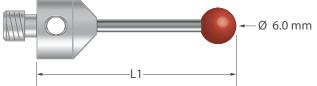
M5 stylus with 6.0 mm diameter ball, 3.5 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.





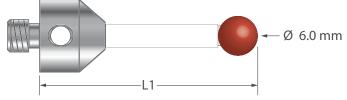
### 6.0 mm ball with 2.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-6025	25.0	6.96	\$75.00	\$105.00	\$105.00
ATG-6033-DS2	33.0	7.31	\$80.00	\$110.00	\$110.00

M5 stylus with 6.0 mm diameter ball, 2.0 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

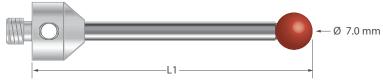
### 6.0 mm ball with 3.5 mm ceramic stem and aluminum base



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-6050-C	50.0	3.71	\$85.00	\$115.00	\$115.00
ATG-6054-C	54.0	3.75	\$65.00	\$95.00	\$95.00
ATG-6065-C	65.0	4.27	\$90.00	\$120.00	\$120.00
ATG-6075-C	75.0	4.64	\$100.00	\$130.00	\$130.00
ATG-60100-C	100.0	5.57	\$115.00	\$145.00	\$145.00

M5 stylus with 6.0 mm diameter ball, 3.5 mm diameter ceramic stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base

7.0 mm ball with 3.5 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**					
ATG-7053	53.0	11.69	\$95.00	\$125.00	\$125.00					
ATG-7055	55.0	11.97	\$60.00	\$90.00	\$90.00					
ATG-7075	75.0	14.73	\$100.00	\$130.00	\$130.00					
ATG-70125	125.0	21.65	\$125.00	\$155.00	\$155.00					
ATG-70130	130.0	22.34	\$125.00	\$155.00	\$155.00					

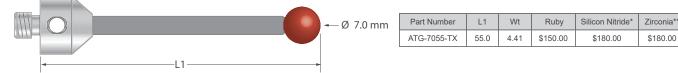
M5 stylus with 7.0 mm diameter ball, 3.5 mm diameter carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### 7.0 mm ball with 3.5 mm ceramic stem



M5 stylus with 7.0 mm diameter ball, 3.5 mm diameter ceramic stem, and 11.0 mm diameter x 10.0 mm long hard anodized aluminum base.

### 7.0 mm ball with 3.5 mm carbon fiber stem and titanium base, Therm-X design



M5 stylus with 7.0 mm diameter ball, 3.5 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 10.0 mm long titanium base.

### 8.0 mm ball with 5.0 mm carbide stem and 13.0 mm long base

₩ 0 → Ø 8.0 mm	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	ATG-8025	25.0	9.59	\$110.00	\$140.00	\$140.00
	ATG-8030	30.0	11.01	\$110.00	\$140.00	\$140.00
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M5 stylus with 8.0 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter x 13.0 mm long stainless steel base.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.





### 8.0 mm ball with 5.0 mm carbide stem and 12.0 mm long base

					1	
	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
	ATG-8064	64.0	19.79	\$89.00	\$119.00	\$119.00
	ATG-8075	75.0	22.90	\$95.00	\$125.00	\$125.00
	ATG-8080	80.0	24.32	\$100.00	\$130.00	\$130.00
	ATG-8090	90.0	27.15	\$100.00	\$130.00	\$130.00
₩ 0 ~ Ø 8.0 mm	ATG-80100	100.0	30.35	\$110.00	\$140.00	\$140.00
	ATG-80120	120.0	36.01	\$120.00	\$150.00	\$150.00
	ATG-80125	125.0	37.43	\$120.00	\$150.00	\$150.00
L1►	ATG-80130	130.0	38.85	\$125.00	\$155.00	\$155.00
	ATG-80135	135.0	40.26	\$125.00	\$155.00	\$155.00
	ATG-80140	140.0	41.68	\$130.00	\$160.00	\$160.00
	ATG-80145	145.0	43.09	\$130.00	\$160.00	\$160.00
M5 stylus with 8.0 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm	n diameter x 12	2.0 mm	long st	tainless s	teel base.	

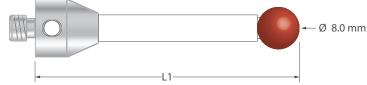
8.0 mm ball with 6.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-8040	40.0	18.84	\$110.00	\$140.00	\$140.00
ATG-8050	50.0	21.67	\$110.00	\$140.00	\$140.00
ATG-8060	60.0	24.50	\$115.00	\$145.00	\$145.00
ATG-8063.5	63.5	26.29	\$110.00	\$140.00	\$140.00
ATG-80114.5	114.5	47.07	\$70.00	\$150.00	\$150.00
ATG-80150	150.0	61.53	\$160.00	\$190.00	\$190.00
ATG-80155	155.0	63.56	\$160.00	\$190.00	\$190.00
ATG-80160	160.0	65.60	\$160.00	\$190.00	\$190.00
ATG-80175	175.0	71.72	\$165.00	\$195.00	\$195.00
ATG-80180	180.0	73.74	\$170.00	\$200.00	\$200.00
ATG-80200	200.0	81.89	\$170.00	\$200.00	\$200.00

M5 stylus with 8.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

#### 8.0 mm ball with 5.0 mm ceramic stem and aluminum base



Jasc					
Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-8053-C	53.0	5.77	\$115.00	\$145.00	\$145.00
ATG-8063-C	63.0	6.54	\$115.00	\$145.00	\$145.00
ATG-80100-C	100.0	9.37	\$120.00	\$150.00	\$150.00
ATG-80114-C	114.0	10.45	\$125.00	\$155.00	\$155.00
ATG-80135-C	135.0	12.06	\$145.00	\$175.00	\$175.00

M5 stylus with 8.0 mm diameter ball, 5.0 mm diameter ceramic stem, and 11.0 mm diameter hard anodized aluminum base.

### 8.0 mm ball with 6.0 mm ceramic stem and aluminum base



M5 stylus with 8.0 mm diameter ball, 6.0 mm diameter ceramic stem, and 11.0 mm diameter x 13.0 mm long hard anodized aluminum base.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.





### 8.0 mm ball with 6.0 mm ceramic stem and stainless steel base



M5 stylus with 8.0 mm diameter ball, 6.0 mm diameter ceramic stem, and 11.0 mm diameter x 16.0 mm long stainless steel base.

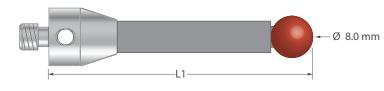
### 8.0 mm ball with 6.0 mm carbon fiber stem



	Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
) mm	ATG-8054-G	54.0	7.88	\$104.00	\$134.00	\$134.00
	ATG-8079-G	79.0	8.92	\$110.00	\$140.00	\$140.00

M5 stylus with 8.0 mm diameter ball, 6.0 mm diameter carbon fiber stem, and 11.0 mm diameter stainless steel base.

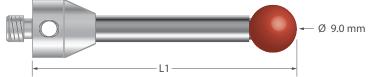
### 8.0 mm ball with 6.0 mm carbon fiber stem and titanium base, Therm-X design



Part Numbe	er L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-8063-T	X 63.0	6.27	\$160.00	\$190.00	\$190.00
ATG-8075-T	X 75.0	6.80	\$165.00	\$195.00	\$195.00
ATG-80100-1	FX 100.0	7.90	\$165.00	\$195.00	\$195.00
ATG-80114-1	ΓX 114.0	8.51	\$170.00	\$200.00	\$200.00
ATG-80150-7	FX 150.0	10.09	\$185.00	\$215.00	\$215.00
ATG-80200-1	ΓX 200.0	) 12.28	\$200.00	\$230.00	\$230.00

M5 stylus with 8.0 mm diameter ball, 6.0 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 13.0 mm long titanium base.

### 9.0 mm ball with 5.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-9075*	75.0	15.21	\$145.00	\$175.00	\$175.00
ATG-90150	150.0	45.49	\$160.00	\$190.00	\$190.00
ATG-90165	165.0	49.74	\$160.00	\$190.00	\$190.00

M5 stylus with 9.0 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. \*ATG-9075 stem is 3.5 mm diameter.

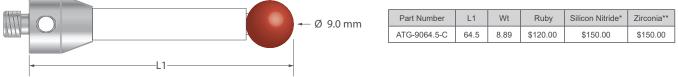
### 9.0 mm ball with 6.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ATG-9064.5	64.5	22.49	\$63.00	\$93.00	\$93.00

M5 stylus with 9.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter x 13.0 mm long hard anodized aluminum base.

#### 9.0 mm ball with 6.0 mm ceramic stem

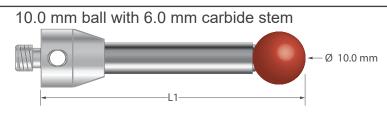


M5 stylus with 9.0 mm diameter ball, 6.0 mm diameter ceramic stem, and 11.0 mm diameter x 13.0 mm long hard anodized aluminum base.

\*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a zirconia ball, add -Z to the part number.







Part Number	L1	Wt	Ruby	Silicon Nitride*
ATG-10060	60.0	25.32	\$170.00	\$200.00
ATG-10065.5	65.5	32.46	\$75.00	\$200.00
ATG-100118	118.0	48.94	\$85.00	\$205.00
ATG-100135	135.0	55.87	\$210.00	\$240.00
ATG-100150	150.0	61.98	\$220.00	\$250.00
ATG-100200	200.0	83.23	\$235.00	\$265.00

M5 stylus with 10.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

### 10.0 mm ball with 6.0 mm carbon fiber stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
ATG-10055-G	55.0	8.77	\$112.00	\$142.00
ATG-10080-G	80.0	9.87	\$122.00	\$152.00

M5 stylus with 10.0 mm diameter ball, 6.0 mm diameter carbon fiber stem, and 11.0 mm diameter base.

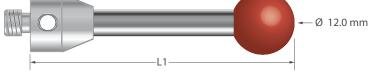
### 10.0 mm ball with 6.0 mm carbon fiber stem and titanium base, Therm-X design



Part Number	L1	Wt	Ruby	Silicon Nitride*
ATG-10030-TX	30.0	5.21	\$200.00	\$230.00
ATG-10065-TX	65.0	7.08	\$200.00	\$230.00
ATG-100118-TX	118.0	9.46	\$210.00	\$240.00
ATG-100150-TX	150.0	10.86	\$240.00	\$270.00
ATG-100200-TX	200.0	13.06	\$260.00	\$290.00

M5 stylus with 10.0 mm diameter ball, 6.0 mm diameter Therm-X carbon fiber stem, and 11.0 mm diameter x 13.0 mm long titanium base.

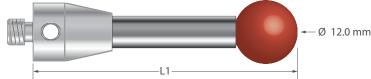
### 12.0 mm ball with 5.0 mm carbide stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
ATG-12050	50.0	18.15	\$260.00	\$290.00
ATG-12075	75.0	25.23	\$260.00	\$290.00

M5 stylus with 12.0 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

### 12.0 mm ball with 6.0 mm carbide stem



F	Part Number	L1	Wt	Ruby	Silicon Nitride*
A	ATG-120118	118.0	49.51	\$330.00	\$360.00
A	ATG-120160	160.0	67.24	\$345.00	\$370.00
A	ATG-120200	200.0	83.53	\$375.00	\$400.00

M5 stylus with 10.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

### 12.7 mm ball with 5.0 mm carbide stem

		Part Number	L1	Wt	Ceramic	Silicon Nitride*
	← Ø 12.7 mm	ATG-12750	50.0	18.50	\$185.00	\$340.00
	← Ø 12.7 mm	ATG-12775	75.0	25.61	\$195.00	\$350.00
		ATG-127100	100.0	32.69	\$210.00	\$365.00
←L1	-					

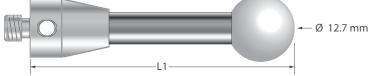
M5 stylus with 12.7 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls are Grade 25.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.





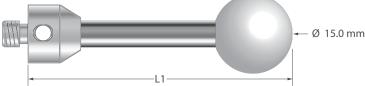
### 12.7 mm ball with 6.0 mm carbide stem



Part Number	L1	Wt	Ceramic	Silicon Nitride*
ATG-127190	190.0	79.13	\$250.00	\$405.00

M5 stylus with 12.7 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls are Grade 25.

#### 15.0 mm ceramic ball with 5.0 mm carbide stem



Part Number	L1	Wt	Ceramic	Silicon Nitride*
ATG-15030	30.0	14.56	\$175.00	\$310.00
ATG-15050	50.0	20.59	\$185.00	\$320.00
ATG-15075	75.0	27.67	\$195.00	\$330.00
ATG-150100	100.0	34.74	\$210.00	\$345.00
ATG-150114	114.0	38.71	\$215.00	\$350.00

M5 stylus with 15.0 mm diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls are Grade 25.

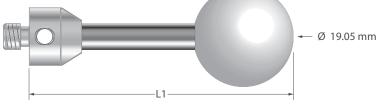
### 15.0 mm ball with 6.0 mm carbide stem



	Part Number	L1	Wt	Ceramic	Silicon Nitride*
	ATG-150155	155.0	67.54	\$235.00	\$370.00
	ATG-150190	190.0	81.79	\$240.00	\$375.00
ſ	ATG-150250	250.0	108.27	\$295.00	\$430.00

M5 stylus with 15.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls are Grade 25.

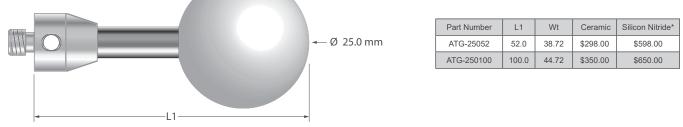
### 19.05 mm ball with 5.0 mm carbide stem



Part Number	L1	Wt	Ceramic	Silicon Nitride*
ATG-19040	40.0	25.56	\$245.00	\$395.00
ATG-19050	50.0	28.39	\$245.00	\$395.00
ATG-19080	80.0	36.88	\$260.00	\$410.00

M5 stylus with 19.05 mm (3/4") diameter ball, 5.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls Grade 25.

### 25.0 mm ball with 6.0 mm carbide stem



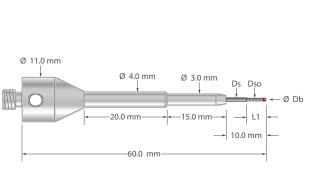
M5 stylus with 25.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter stainless steel base. All balls are Grade 25.

\*NOTE: For a silicon nitride ball, add -SN to the part number.



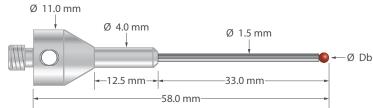
Extra long styli





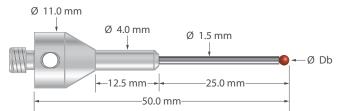
	Part Number	Db	Ds	Dso	L1	Wt	Ruby	Carbide	Silicon Nitride*	Zirconia**
	ASG-0360-C	0.3	1.0	0.2	2.3	11.15	-	\$148.00	-	-
	ASG-0360-R	0.3	1.0	0.2	2.3	11.13	\$138.00	-	-	-
	ASG-0560-C	0.5	1.0	0.3	2.5	11.11	-	\$128.00	-	-
	ASG-0560-R	0.5	1.0	0.3	2.5	11.16	\$118.00	-	-	-
	ASG-0660-C	0.6	1.0	0.4	4.0	11.13	-	\$138.00	-	-
,	ASG-0860	0.8	1.0	0.6	4.0	11.15	\$90.00	-	\$120.00	\$120.00
	ASG-1060	1.0	1.0	0.7	5.0	11.21	\$80.00		\$110.00	\$110.00
	ASG-1360	1.35	1.0	-	10.0	11.20	\$80.00	-	\$110.00	\$110.00
	ASG-1560	1.5	1.0	-	10.0	11.21	\$80.00	-	\$110.00	\$110.00
	ASG-2060	2.0	1.0	-	10.0	11.21	\$75.00	-	\$105.00	\$105.00
	ASG-2560	2.5	1.5	-	10.0	11.22	\$75.00	-	\$105.00	\$105.00
	ASG-3060	3.0	1.5	-	10.0	11.36	\$88.00	-	\$118.00	\$118.00

M5 stylus with ball, carbide stem, and 11.0 mm diameter x 50.0 mm long stainless steel base.



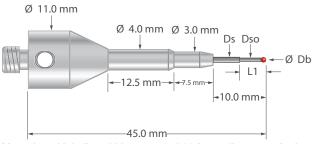
Part Number	Db	Wt	Ruby	Silicon Nitride*	Zirconia**
ARG-2058	2.0	8.22	\$80.00	\$105.00	\$105.00
ARG-2558	2.5	8.28	\$53.00	\$83.00	\$83.00

M5 stylus with ball, carbide stem, and 11.0 mm diameter x 25.0 mm long stainless steel base.



Part Number	Db	Wt	Ruby	Silicon Nitride*	Zirconia**
ARG-2050	2.0	7.64	\$53.00	\$83.00	\$83.00

M5 stylus with ball, carbide stem, and 11.0 mm diameter x 25.0 mm long stainless steel base.



Part Number	Db	Ds	Dso	L1	Wt	Ruby	Silicon Nitride*	Zirconia**
ASG-1045	1.0	1.0	0.7	5.0	10.23	\$75.00	\$105.00	\$105.00
ASG-1545	1.5	1.0	-	10.0	10.25	\$65.00	\$95.00	\$95.00

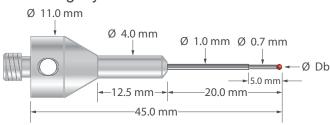
M5 stylus with ball, carbide stem, and 11.0 mm diameter x 25.0 mm long stainless steel base.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.



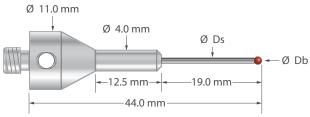


#### Extra long styli



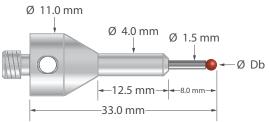
Part Number	Db	Wt	Ruby	Silicon Nitride*	Zirconia**
ARG-1045	1.0	7.70	\$75.00	\$105.00	\$105.00

M5 stylus with ball, carbide stem, and 11.0 mm diameter x 25.0 mm long stainless steel base.



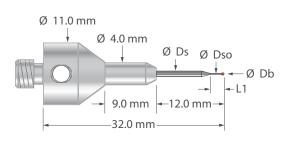
Part Number	Db	Ds	Wt	Ruby	Silicon Nitride*	Zirconia**
ARG-1444	1.35	1.0	7.66	\$75.00	\$105.00	\$105.00
ARG-1544	1.5	1.0	7.66	\$65.00	\$95.00	\$95.00
ARG-2044	2.0	1.5	7.68	\$53.00	\$83.00	\$83.00
ARG-2544	2.5	1.5	7.69	\$62.00	\$92.00	\$92.00

M5 stylus with ball, carbide stem and 11.0 mm diameter x 25.0 mm long stainless steel base.



Part Number	Db	Wt	Ruby	Silicon Nitride*	Zirconia**
ARG-2033	2.0	7.60	\$53.00	\$83.00	\$83.00

M5 stylus with ball, carbide stem and 11.0 mm diameter x 25.0 mm long stainless steel base.



Db	L1	Ds	Dso	Wt	Ruby	Silicon Nitride*	Zirconia**
0.3	2.3	1.0	0.2	7.08	\$138.00	-	-
0.5	2.5	1.0	0.3	7.09	\$115.00	-	\$145.00
0.6	3.5	1.0	0.4	7.10	\$85.00	-	\$115.00
0.8	4.0	1.0	0.6	7.12	\$65.00	-	\$95.00
1.0	5.0	1.0	0.7	7.13	\$75.00	\$105.00	\$105.00
1.35	12.0	1.0	-	7.12	\$55.00	\$85.00	\$85.00
1.5	12.0	1.0	-	7.13	\$53.00	\$83.00	\$83.00
2.0	12.0	1.5	-	7.15	\$53.00	\$83.00	\$83.00
2.5	12.0	1.5	-	7.18	\$53.00	\$83.00	\$83.00
	0.3 0.5 0.6 0.8 1.0 1.35 1.5 2.0	Image: Network         Image: Network           0.5         2.5           0.6         3.5           0.8         4.0           1.0         5.0           1.5         12.0           1.5         12.0           2.0         12.0	Image: Part of the system           0.3         2.3         1.0           0.5         2.5         1.0           0.6         3.5         1.0           0.8         4.0         1.0           1.0         5.0         1.0           1.0         5.0         1.0           1.1         5.0         1.0           1.5         12.0         1.0           2.0         12.0         1.0	Image         Image         Image           0.3         2.3         1.0         0.2           0.5         2.5         1.0         0.3           0.6         3.5         1.0         0.4           0.8         4.0         1.0         0.6           1.0         5.0         1.0         0.7           1.35         12.0         1.0         -           1.5         12.0         1.0         -           2.0         12.0         1.5         -	1.1.         1.1.         1.1.         1.1.         1.1.           0.3         2.3         1.0         0.2         7.08           0.5         2.5         1.0         0.3         7.09           0.6         3.5         1.0         0.4         7.10           0.8         4.0         1.0         0.6         7.12           1.0         5.0         1.0         0.7         7.13           1.35         12.0         1.0         0.7         7.13           1.5         12.0         1.0         -         7.13           2.0         12.0         1.0         -         7.13	1.1         1.1 <th1.1< th=""> <th1.1< th=""> <th1.1< th=""></th1.1<></th1.1<></th1.1<>	Db         L1         Ds         Dso         Wt         Ruby         Nitride*           0.3         2.3         1.0         0.2         7.08         \$138.00         -           0.5         2.5         1.0         0.3         7.09         \$115.00         -           0.6         3.5         1.0         0.4         7.10         \$85.00         -           0.6         3.5         1.0         0.4         7.12         \$65.00         -           0.8         4.0         1.0         0.6         7.12         \$65.00         -           1.0         5.0         1.0         0.7         7.13         \$75.00         \$105.00           1.35         12.0         1.0         -         7.12         \$55.00         \$83.00           1.5         12.0         1.0         -         7.13         \$53.00         \$83.00           2.0         12.0         1.5         -         7.15         \$53.00         \$83.00

M5 stylus with ball, carbide stem and 11.0 mm diameter x 20.0 mm long stainless steel base.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.



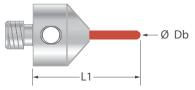
#### M5 Threads SAME-DAY STYLI "Red Dot" master stylus Silicon Nitride\* Part Number Wt Ruby Ø 8.0 mm RD-MP 26.51 \$119.00 \$151.00 -63.5 mm

M5 "Red Dot" master stylus with 8.0 mm diameter ball, 6.0 mm diameter carbide stem, and 11.0 mm diameter x 13.0 mm long stainless steel base.

#### Important notes about cylinder styli

Cylinder styli are used for edge probing, for instance, the edges of stampings and thin sheet metal parts. Cylinder styli are not suitable for high accuracy work because the form of a cylinder is not as precise as a sphere. Please contact us with any questions about how to calibrate or use cylinder styli.

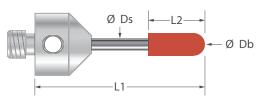
### Ruby cylinder styli



Part Number Db L1 Wt Price TM5-1019-B 1.0 \$143.00 19.0 5.51 TM5-1514-B 1.5 14.0 5.52 \$108.00 TM5-1519-B 1.5 19.0 5.53 \$108.00

M5 stylus with ruby cylinder and 11.0 mm diameter x 10.0 mm long stainless steel base.

#### Ruby cylinder styli with carbide stems



Part Number	Db	Ds	L1	L2	Wt	Price
TM5-2020-B	2.0	1.0	20.0	7.2	3.18	\$225.00
TM5-2025-B	2.0	1.0	25.0	7.2	3.23	\$225.00
ТМ5-2030-В	2.0	1.0	30.0	7.2	3.29	\$225.00
TM5-2035-B	2.0	1.0	35.0	7.2	3.35	\$230.00
TM5-2040-B	2.0	1.0	40.0	7.2	3.41	\$230.00
TM5-2060-B	2.0	1.0	60.0	7.2	3.53	\$425.00
TM5-4020-B	4.0	2.0	20.0	10.0	3.92	\$230.00
TM5-4025-B	4.0	2.0	25.0	10.0	4.15	\$230.00
ТМ5-4030-В	4.0	2.0	30.0	10.0	4.37	\$230.00
TM5-4040-B	4.0	2.0	40.0	10.0	4.82	\$235.00
TM5-4050-B	4.0	2.0	50.0	10.0	5.27	\$235.00

M5 stylus with ruby cylinder, carbide stem, and 11.0 mm diameter x 10.0 mm long titanium base.

Carbide cylinder styli	Part Number	Db	L1	Wt	Price
	TM5-1040-BC	1.0	40.0	5.74	\$120.00
	TM5-1520-BC	1.5	20.0	5.96	\$108.00
	TM5-1530-BC	1.5	30.0	6.21	\$126.00
	TM5-1540-BC	1.5	40.0	6.46	\$126.00
	TM5-2020-BC	2.0	20.0	6.28	\$108.00
↓ Ø Db	TM5-2030-BC	2.0	30.0	6.72	\$110.00
	TM5-2040-BC	2.0	40.0	7.17	\$115.00
	TM5-3025-BC	3.0	25.0	7.41	\$121.00
	TM5-3050-BC	3.0	50.0	9.93	\$125.00
	TM5-30100-BC	3.0	100.0	14.98	\$135.00
	TM5-30130-BC	3.0	130.0	18.01	\$145.00
	TM5-5050-BC	5.0	50.0	17.72	\$160.00
M5 stylus with carbide cylinder and 11.0 mm diameter x 10.0 mm long stainless steel base.	TM5-50100-BC	5.0	100.0	31.88	\$170.00



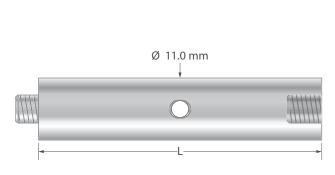


Extensions, alumi	num, 11.0 mm	diameter
	Ø 11.0 mm ↓	
States		£1111111
	$\bigcirc$	
4	L	
M5 extension, hard anodiz	ed aluminum. The wr	rench hole has a stainless s
Extensions, alumi		
		Ø 19.9
finite-		

	Part Number	L	Wt	Price
	VM5-12.10-A	10.0	2.97	\$25.00
	VM5-12.15-A	15.0	3.92	\$25.00
	VM5-12.20-A	20.0	5.69	\$25.00
	VM5-12.25-A	25.0	6.78	\$25.00
	VM5-12.30-A	30.0	7.87	\$25.00
	VM5-12.35-A	35.0	8.96	\$25.00
	VM5-12.40-A	40.0	10.18	\$30.00
	VM5-12.50-A	50.0	12.98	\$32.00
	VM5-12.60-A	60.0	15.48	\$30.00
	VM5-12.70-A	70.0	18.07	\$30.00
	VM5-12.75-A	75.0	19.16	\$32.00
	VM5-12.80-A	80.0	20.54	\$28.00
	VM5-12.100-A	100.0	26.03	\$35.00
	VM5-12.120-A	120.0	30.30	\$35.00
	VM5-12.150-A	150.0	37.83	\$50.00
	VM5-12.200-A	200.0	50.21	\$80.00
_				
	Part Number	L	Wt	Price
	VM5-20.40-A	40.0	28.61	\$50.00
	VM5-20.50-A	50.0	32.17	\$55.00
	VM5-20.60-A	60.0	36.89	\$60.00
	VM5-20.75-A	75.0	42.48	\$60.00
	VM5-20.80-A	80.0	43.76	\$65.00
	VM5-20.90-A	90.0	47.87	\$65.00
	VM5-20.100-A	100.0	51.63	\$65.00
	VM5-20.120-A	120.0	58.82	\$70.00
	VM5-20.150-A	150.0	69.78	\$75.00
	VM5-20.200-A	200.0	88.29	\$80.00
	VM5-20.250-A	250.0	106.67	\$90.00
	VM5-20.300-A	300.0	125.49	\$100.00

M5 extension, red anodized seamless aluminum tubing with stainless steel end fittings. Wrench holes have stainless steel liners.

steel liner.



Extensions, titanium, 11.0 mm diameter

VM5-12.10-T	10.0	3.53	\$27.00
VM5-12.15-T	15.0	5.40	\$25.00
VM5-12.20-T	20.0	7.74	\$26.00
VM5-12.25-T	25.0	9.84	\$30.00
VM5-12.30-T	30.0	11.94	\$50.00
VM5-12.35-T	35.0	14.04	\$50.00
VM5-12.40-T	40.0	16.14	\$32.00
VM5-12.50-T	50.0	20.33	\$35.00
VM5-12.60-T	60.0	24.53	\$40.00
VM5-12.75-T	75.0	30.83	\$45.00
VM5-12.80-T	80.0	32.93	\$39.00
VM5-12.100-T	100.0	41.33	\$45.00
VM5-12.120-T	120.0	49.72	\$45.00
VM5-12.150-T	150.0	62.50	\$49.00
VM5-12.200-T	200.0	83.80	\$80.00

Wt

L

Price

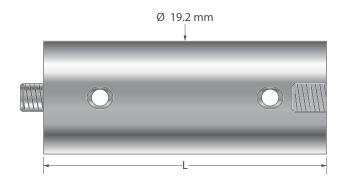
Part Number

M5 extension, solid titanium.





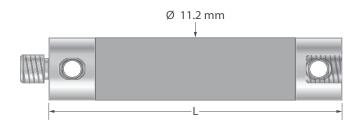
### Extensions, titanium, 19.2 mm diameter



Part Number	L	Wt	Price
VM5-18.40-TT	40.0	30.18	\$80.00
VM5-18.50-TT	50.0	31.00	\$80.00
VM5-18.55-TT	55.0	34.05	\$85.00
VM5-18.60-TT	60.0	36.69	\$90.00
VM5-18.75-TT	75.0	38.38	\$90.00
VM5-18.80-TT	80.0	39.74	\$90.00
VM5-18.90-TT	90.0	41.88	\$95.00
VM5-18.100-TT	100.0	43.46	\$100.00
VM5-18.120-TT	110.0	51.95	\$105.00
VM5-18.150-TT	150.0	60.87	\$120.00
VM5-18.170-TT	170.0	73.69	\$130.00
VM5-18.180-TT	180.0	76.41	\$130.00
VM5-18.200-TT	200.0	84.47	\$135.00
VM5-18.250-TT	250.0	102.34	\$150.00
VM5-18.300-TT	300.0	120.48	\$160.00

M5 extensions, seamless titanium tubing with welded titanium end caps and stainless steel end fittings.

### Extensions, Therm-X carbon fiber body with titanium end fittings, 11.2 mm diameter



Part Number	L	Wt	Price
VM5-12.35-TX	35.0	9.39	\$155.00
VM5-12.40-TX	40.0	9.75	\$155.00
VM5-12.50-TX	50.0	10.48	\$160.00
VM5-12.55-TX	55.0	10.84	\$160.00
VM5-12.60-TX	60.0	11.20	\$165.00
VM5-12.70-TX	70.0	11.93	\$170.00
VM5-12.75-TX	75.0	12.29	\$175.00
VM5-12.80-TX	80.0	12.65	\$175.00
VM5-12.100-TX	100.0	14.10	\$180.00
VM5-12.110-TX	110.0	14.83	\$190.00
VM5-12.120-TX	120.0	15.55	\$190.00
VM5-12.125-TX	125.0	15.92	\$195.00
VM5-12.130-TX	130.0	16.28	\$195.00
VM5-12.140-TX	140.0	17.00	\$200.00
VM5-12.150-TX	150.0	17.73	\$205.00
VM5-12.155-TX	155.0	18.09	\$205.00
VM5-12.160-TX	160.0	18.45	\$210.00
VM5-12.170-TX	170.0	19.18	\$220.00
VM5-12.175-TX	175.0	19.54	\$220.00
VM5-12.180-TX	180.0	19.90	\$225.00
VM5-12.200-TX	200.0	21.35	\$240.00
VM5-12.225-TX	225.0	23.17	\$250.00
VM5-12.250-TX	250.0	24.98	\$265.00
VM5-12.300-TX	300.0	28.60	\$275.00
VM5-12.350-TX	350.0	32.23	\$295.00
VM5-12.400-TX	400.0	35.85	\$325.00
VM5-12.450.TX	450.0	39.84	\$350.00
VM5-12.500-TX	500.0	43.10	\$375.00

M5 extensions, Therm-X low expansion 11.2 mm diameter silver woven carbon fiber tubing with 11.13 mm diameter titanium end fittings





Price

\$15.00

\$15.00

\$15.00

\$15.00

\$15.00

Wt

3.88

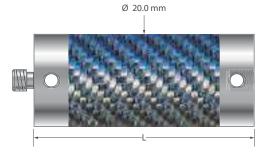
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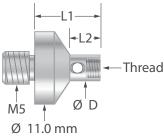
### Extensions, Therm-X carbon fiber tubing body with titanium end fittings, 20.0 mm diameter



Part Number	L	Wt	Price
VM5-20.40-TX	40.0	27.77	\$170.00
VM5-20.50-TX	50.0	29.23	\$175.00
VM5-20.60-TX	60.0	31.12	\$180.00
VM5-20.80-TX	80.0	32.39	\$190.00
VM5-20.100-TX	100.0	34.60	\$200.00
VM5-20.120-TX	120.0	36.86	\$210.00
VM5-20.150-TX	150.0	39.96	\$225.00
VM5-20.200-TX	200.0	46.78	\$250.00
VM5-20.250-TX	250.0	52.38	\$275.00
VM5-20.300-TX	300.0	56.77	\$300.00

M5 extensions with Therm-X low expansion carbon fiber tubing and titanium end fittings.

#### M5 thread adapters



M5 thread adapters. Stainless steel.

### M5 cubes, five sided, titanium or aluminum



Part Number	Material	Wt	Price
WM5-15-3	Aluminum	8.08	\$55.00
WM5-15-3-T	Titanium	12.46	\$65.00

L2 D

4.3

4.6 4.0

36

8.6 5.0

4.3 4.0

4.0

70

L1

10.0

10.0

10.0

14.0

10.0

Part Number

RM5-M2

RM5-M3

RM5-M4

RM5-M4-DEA

RM5-4-48

Thread

M2 x 0.4

M3 x 0.5

M4 x 0 7

M4 x 0.5

4-48 UNF

M5 cubes, five sided. Titanium or hard anodized aluminum with stainless steel M5 screw.





### M5 cubes, six sided, 14.3 mm, titanium or aluminum



Part Number	Material	Wt	Price
WM5-15	Aluminum	6.89	\$60.00
WM5-15-T	Titanium	10.77	\$65.00

M5 cubes, six sided, 14.3 mm thick between sides. Hard anodized aluminum or titanium with stainless steel M5 screw.

M5 cube, six sided, 14.3 mm, titanium, with hex screw



Part Number	Material	Wt	Price
WM5-15-T-C	Titanium	12.16	\$135.00

M5 cube, six sided, titanium, 14.3 mm thick between sides. Includes a countersunk stainless steel flat head hex screw, so the cube can be positioned at any radial angle. Combined weight is 12.16 grams..

#### M5 cubes, six sided, 21.0 mm, titanium or aluminum



Part Number	Material	Wt	Price
WM5-20	Aluminum	22.41	\$49.00
WM5-20-T	Titanium	35.63	\$55.00

M5 cubes, six sided, 21.0 mm thick between sides. Hard anodized aluminum or titanium with stainless steel M5 screw.

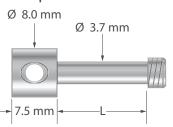
### M5 cube, six sided, 21.0 mm x 42.0 mm, aluminum



Part Number	Material	Wt	Price
WM5-40	Aluminum	44.62	\$70.00

M5 cube, six sided, 21.0 mm thick x 42.0 mm long, with ten M5 tapped holes. Hard anodized aluminum with stainless steel M5 screw.

#### M5 captive screws



Part Number	L	Wt	Price
SM5-15	15.0	4.32	\$9.00
SM5-20	20.0	4.74	\$9.00
SM5-22	22.0	4.97	\$9.00
SM5-25	25.0	5.15	\$9.00

M5 captive screws for fastening cubes. Stainless steel.





### M5 knuckle, 11.0 mm diameter, titanium



Part Number	Material	Wt	Price
JM5-15-T	Titanium	12.20	\$76.00

M5 knuckle, titanium, 11.0 mm diameter x 35.0 mm long. With stainless steel M5 thread and socket head cap screw for tightening. 190 degree adjustment range. Includes hex wrench for tightening (not shown).

#### M5 knuckles, 18.0 mm diameter, titanium or aluminum



Part Number	Material	Wt	Price
JM5-20	Aluminum	22.74	\$76.00
JM5-20-T	Titanium	35.27	\$76.00

M5 knuckles, hard anodized aluminum or titanium, 18.0 mm diameter x 35.0 mm long. With stainless steel M5 thread and socket head cap screw for tightening. 190 degree adjustment range. Includes hex wrench for tightening (not shown).

#### M5 knuckle, 11.0 mm diameter, titanium, with rotary and lateral adjustment



Part Number	Wt	Price
RJM5-15	16.53	\$95.00

M5 knuckle with 190 degree lateral and 360 degree radial adjustment. 11.0 mm diameter x 43.5 mm long. Made of titanium, with steel and stainless steel screws. A minature ball bearing provides smooth radial movement. Includes two hex wrenches for tightening (not shown).

#### M5 rotary adapter, titanium



Part Number	Wt	Price
RAP-1128-T	10.82	\$85.00

M5 rotary adapter, titanium, 11.0 mm diameter x 29.0 mm long, for radial adjustments. Two stainless steel set screws for tightening. A miniature ball bearing provides smooth radial movement. Includes hex wrench (shown).

### M5 adapter with 90 degree M5 tapped hole, titanium



Part Number	Wt	Price
JM5-90-T	6.54	\$45.00

M5 adapter with 90 degree tapped M5 hole. 11.0 mm diameter titanium with stainless steel set screw. Overall length is 23.0 mm.





### M5 hubs

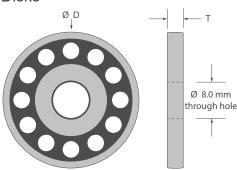




Part Number	Diameter	Thickness	Wt	Price
HUB-6	38.0	18.0	29.24	\$225.00
HUB-8	59.0	18.0	68.33	\$245.00

### HUB-6 HUB-8 M5 hubs with radial tapped holes and one axial tapped hole. Hard anodized aluminum with stainless steel M5 screw.

#### Disks



Part Number	Diameter (D)	Thickness (T)	Material	Wt	Price
DSK-300	30.0	3.5	Tool Steel	9.17	\$150.00
DSK-400	40.0	5.0	Tool Steel	19.55	\$150.00
DSK-500	50.0	7.0	Tool Steel	35.00	\$150.00
DSK-600	60.0	8.0	Tool Steel	41.44	\$150.00
DSK-800	80.0	9.0	Aluminum	44.24	\$245.00

Tool steel disks are hardened and ground. Aluminum disk is hard anodized. Use a disk screw (below) to mount to any M5 extension.

Disk screws					
	Part Number	Length (L)	Fits	Wt	Price
Ø 7.9 mm	DS-300	2.8	DSK-300	4.30	\$10.00
	DS-400	4.8	DSK-400	5.12	\$10.00
Ø 11.0 mm	DS-500	5.8	DSK-500	5.75	\$10.00
Ø 11.0 mm 5.0 mm	DS-600	7.8	DSK-600	6.82	\$10.00

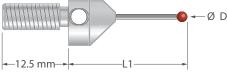
M5 screws for fastening disks to extensions. Stainless steel.

IND SCIEWS IOF Idsterning disks to externs	
Multi-socket adapter styli (	MSA) with stepped stems
+ 12.5 mm + L1	→ Ø D

Part Number D L1 L2 Wt Price MSA-0322-R 0.3 21.8 2.5 5.65 \$51.00 MSA-0522 0.5 22.0 2.5 5.65 \$49.00 \$49.00 MSA-0622 0.6 22.1 4.0 5 65 MSA-0822 0.8 22.3 4.0 5.69 \$47.00 MSA-1023 1.0 22.5 5.0 5.74 \$46.00

M5 styli with ruby ball, stepped carbide stem, and 11.0 mm diameter x 9.0 mm long stainless steel base. Designed for use with slotted disks and clamping disks. Can be mounted directly to an M5 extension.

### Multi-socket adapter styli (MSA) with straight stems

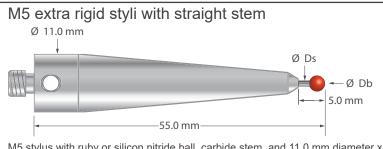


Part Number	D	L1	Wt	Price
MSA-1332	1.35	32.0	5.91	\$46.00
				1
MSA-1533	1.5	33.0	5.83	\$44.00
MSA-2033	2.0	33.5	6.10	\$45.00
MSA-2534	2.5	34.0	6.12	\$46.00
MSA-3034.5	3.0	34.5	6.69	\$43.00

M5 styli with ruby ball, carbide stem, and 11.0 mm diameter x 9.0 mm long stainless steel base. Designed for use with slotted disks and clamping disks. Can be mounted directly to an M5 extension.



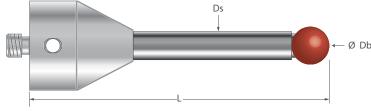




Part Number	Db	Ds	Wt	Ruby	Silicon Nitride*
ACR-1055	1.0	0.7	22.40	\$71.00	\$101.00
ACR-1555	1.5	1.0	22.41	\$95.00	\$125.00
ACR-2055	2.0	1.5	22.43	\$75.00	\$105.00
ACR-2555	2.5	1.5	22.45	\$75.00	\$105.00
ACR-3055	3.0	1.5	22.47	\$75.00	\$105.00
ACR-3555	3.5	1.5	22.55	\$75.00	\$105.00
ACR-4055	4.0	2.5	22.78	\$85.00	\$115.00

M5 stylus with ruby or silicon nitride ball, carbide stem, and 11.0 mm diameter x 50.0 mm long tapered stainless steel base.

#### M5 extra rigid styli with 19.0 mm diameter base



	Part Number	L	Db	Ds	Wt	Ruby	Silicon Nitride*
	ATG-8063.5-19	63.5	8.0	6.0	36.06	\$105.00	\$135.00
)	ATG-80114.5-19	114.5	8.0	6.0	57.07	\$88.00	\$118.00
	ATG-9064.5-19	64.5	9.0	6.0	38.90	\$73.00	\$103.00
	ATG-10065.5-19	65.5	10.0	6.0	40.06	\$175.00	\$205.00

M5 stylus with ruby or silicon nitride ball, carbide stem, and 19.0 mm diameter x 22.0 mm long stainless steel base.

### M5 Pro Fit extensions with Therm-X carbon fiber body, titanium fittings, and conical receiver

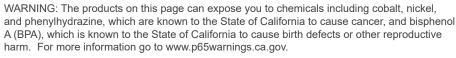


lings, and conical receiver							
Part Number	L	Wt	Price				
VM5-12.50-TX-CR	50.0	11.44	\$185.00				
VM5-12.60-TX-CR	60.0	12.26	\$190.00				
VM5-12.70-TX-CR	70.0	13.09	\$200.00				
VM5-12.80-TX-CR	80.0	13.91	\$210.00				
VM5-12.90-TX-CR	90.0	14.74	\$210.00				
VM5-12.100-TX-CR	100.0	15.56	\$220.00				
VM5-12.110-TX-CR	110.0	16.38	\$225.00				
VM5-12.130-TX-CR	130.0	18.03	\$235.00				
VM5-12.160-TX-CR	160.0	20.50	\$250.00				
VM5-12.190-TX-CR	190.0	22.98	\$270.00				
VM5-12.200-TX-CR	200.0	23.80	\$280.00				
VM5-12.210-TX-CR	210.0	24.62	\$285.00				
VM5-12.240-TX-CR	240.0	27.10	\$295.00				
VM5-12.260-TX-CR	260.0	28.74	\$310.00				
VM5-12.310-TX-CR	310.0	32.86	\$340.00				
VM5-12.410-TX-CR	410.0	41.10	\$405.00				

M5 extension with 11.0 mm diameter Therm-X carbon fiber core and titanium end fittings, with a conical receiver for Pro Fit attachments.

M5 Pro Fit angle cubes	Part Number	Angle "A"	Wt	Price
OTTO A	WM5-15-PF-20	20.0	12.28	\$133.00
	WM5-15-PF-25	25.0	12.28	\$133.00
	WM5-15-PF-30	30.0	12.28	\$133.00
	WM5-15-PF-35	35.0	12.28	\$133.00
and a second sec	WM5-15-PF-40	40.0	12.28	\$133.00
KAXX (A)	WM5-15-PF-45	45.0	12.28	\$133.00
	WM5-15-PF-50	50.0	12.28	\$133.00
	WM5-15-PF-60	60.0	12.28	\$133.00
	WM5-15-PF-70	70.0	12.28	\$133.00
	WM5-15-PF-100	100.0	12.28	\$133.00

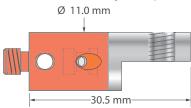
M5 Pro Fit angle cubes with conical attachment. Titanium. Available with any angle between zero and 100 degrees. Please inquire.



#### M5 Threads SAME-DAY STYLI M5 Pro Fit rotary adapters Ø 11.0 mm RAP-11M-25 Part Number Price L. Wt RAP-11PF-20 \$180.00 20.0 5.35 RAP-11PF-25 25.0 7.05 \$195.00 RAP-11PF-30 30.0 8.75 \$210.00

M5 rotary adapter, Pro Fit series. Red anodized aluminum body with titanium end fitting. Three stainless steel set screws allow unlimited axial rotation and rigid, torque-free clamping at desired position. Hex wrench included.

### M5 Pro Fit rotary adapter, 90 degree





Part Number	L	Wt	Price
RAP-11PF-90A	30.5	7.42	\$170.00

M5 rotary adapter, Pro Fit series, with M5 tapped hole at 90 degrees. Red anodized aluminum body with titanium end fitting. Three stainless steel set screws allow unlimited axial rotation and rigid, torque-free clamping at desired position. Hex wrench included.

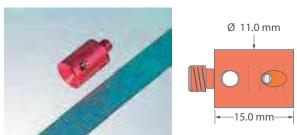
### M5 Pro Fit four-way stylus holder



Part Number	Accepts Stem Diameter	Wt	Price
RAP-11PF-PH1	1.0 mm	6.83	\$260.00
RAP-11PF-PH1.5	1.5 mm	6.79	\$285.00
RAP-11PF-PH2	2.0 mm	6.70	\$285.00

M5 four-way stylus holder for unthreaded styli, Pro Fit series. Holder is 11.0 mm diameter stainless steel. Four set screws hold unthreaded styli to create a star stylus. Adjusts to any radial angle. Select 1.0, 1.5, or 2.0 mm diameter stems. Includes aluminum conical end receiver and hex wrenches.

### M5 Pro Fit conical end receiver



Part Number	Wt	Price
RAP-11PF-CE	2.97	\$95.00

M5 conical end receiver for Pro Fit series. 11.0 mm diameter x 15.0 mm long. Red anodized aluminum. Three stainless steel set screws allow unlimited axial rotation and rigid, torque-free clamping at desired position. Hex wrench included.





Price

\$245.00

\$245.00

Wt

15.38

15.91

M5 Pro Fit knuckle joint



Part Number	Wt	Price	
RAP-11PF-RJM5	13.44	\$220.00	

Sides

5 (90 degrees)

4 (120 degrees)

M5 knuckle joint for Pro Fit series. 11.0 mm diameter x 40.0 mm long. Titanium and aluminum. Hex wrenches included.

M5 Pro Fit cubes





RAP-11PF-WM5-15-3-T-PF

RAP-11PF-WM5-15-T-PF

M5 Pro Fit titanium cube with conical end. Includes one M5 Pro Fit conical end receiver (as shown) with hex wrench.

M5 Pro Fit 90 degree fitting



Part Number

RAP-11PF-WM5-15-T-PF

RAP-11PF-WM5-15-T-3-PF

Part Number	Wt	Price
JM5-90-PF	4.45	\$85.00

ProFit rotary fitting with M5 tapped hole at 90 degrees. Titanium.





### M5 Pro Fit adapter plates





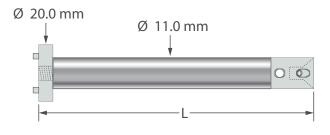
 Part Number
 Wt
 Price

 VAS-1054-PF
 154.13
 \$695.00

 VAS-1054-PF-40
 186.71
 \$795.00

VAS-1054-PF VAS-1054-PF-40 Adapter plates with ID chip and titanium Pro Fit cubes for VAST probe heads.

### M5 Pro Fit extensions



Part Number	L	Wt	Price
VM5-12.70-PF	70.0	15.83	\$225.00
VM5-12.80-PF	80.0	16.55	\$230.00
VM5-12.90-PF	90.0	17.28	\$235.00
VM5-12.110-PF	110.0	18.73	\$245.00
VM5-12.130-PF	130.0	20.18	\$260.00
VM5-12.160-PF	160.0	22.35	\$280.00
VM5-12.180-PF	180.0	23.80	\$295.00
VM5-12.190-PF	190.0	24.53	\$295.00
VM5-12-210.PF	210.0	25.98	\$305.00
VM5-12.240-PF	240.0	30.90	\$330.00
VM5-12.260-PF	260.0	32.35	\$345.00
VM5-12.310-PF	310.0	35.98	\$370.00
VM5-12.410-PF	410.0	43.23	\$440.00

M5 Pro Fit extension with 11.0 mm diameter carbon fiber body, titanium end fittings, and conical end receiver. For use with Pro Fit adapter plate and assembly screw (see below).

M5 Pro Fit assembly screw



Part Number	Wt	Price
SM5-25-PF	4.64	\$10.00

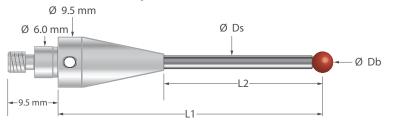
Stainless steel hex head cap screw for assembling Pro Fit extensions with Pro Fit adapter plates.



# **Blum Compatible Parts**



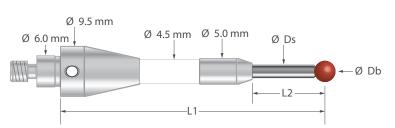
### M4 carbide stem styli, TC50/51



Part Number	Db	Ds	L1	L2	Price
TM4-3051.5-BL-TC50/51	3.0	2.0	50.0	30.0	\$80.00
TM4-4052-BL-TC50/51	4.0	2.5	50.0	30.0	\$80.00
TM4-5052.5-BL-TC50/51	5.0	2.5	50.0	30.0	\$85.00
TM4-6053-BL-TC50/51	6.0	2.5	50.0	30.0	\$95.00
TM4-40102-BL-TC50/51	4.0	2.5	100.0	80.0	\$95.00
TM4-50102.5-BL-TC50/51	5.0	2.5	100.0	80.0	\$100.00
TM4-60103-BL-TC50/51	6.0	2.5	100.0	80.0	\$110.00

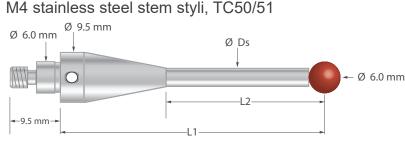
M4 stylus with ruby ball, carbide stem, and stainless steel base, for Blum probe systems.  $^{
m L}$ 

M4 carbide, ceramic, and stainless steel stem styli, TC50/51



Part Number	Db	Ds	L1	L2	Price
TM4-3051.5-C-BL-TC50/51	3.0	2.0	50.0	10.0	\$185.00
TM4-4052-C-BL-TC50/51	4.0	2.5	50.0	11.0	\$195.00
TM4-5052.5-C-BL-TC50/51	5.0	3.5	50.0	12.0	\$195.00
TM4-20101-C-BL-TC50/51	2.0	1.0	100.0	8.3	\$195.00
TM4-30101.5-C-BL-TC50/51	3.0	2.0	100.0	10.0	\$195.00
TM4-40102-C-BL-TC50/51	4.0	2.5	100.0	11.0	\$195.00
TM4-40152-C-BL-TC50/51	4.0	2.5	150.0	11.0	\$205.00

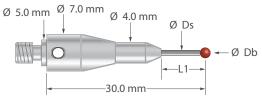
M4 stylus with ruby ball, carbide stem, ceramic body, and stainless steel base, for Blum probe systems.



Part Number	Ds	L1	L2	Price
TM4-60103-S-BL-TC50/51	4.5	100.0	75.0	\$90.00
TM4-60153-S-BL-TC50/51	4.5	150.0	125.0	\$105.00

M4 stylus with ruby ball, stainless steel stem and base, for Blum probe systems.

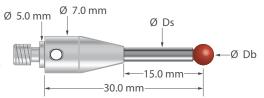
### M4 carbide stem styli, TC52/53/54/76



Part Number	Db	Ds	L1	Price
TM4-1030.5-BL-CARB	1.0	0.7	5.1	\$135.00
TM4-2031-BL	2.0	1.0	8.3	\$75.00

M4 stylus with ruby ball, carbide stem, and stainless steel base, for Blum probe systems.

### M4 carbide stem styli, TC52/53/54/76



Part Number	Db	Ds	Price
TM4-3031.5-BL	3.0	1.5	\$75.00
TM4-4032-BL	4.0	2.5	\$75.00
TM4-5032.5-BL	5.0	2.5	\$80.00
TM4-6033-BL	6.0	2.5	\$85.00

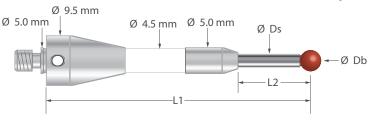
M4 stylus with ruby ball, carbide stem, and stainless steel base, for Blum probe systems.



## **Blum Compatible Parts**



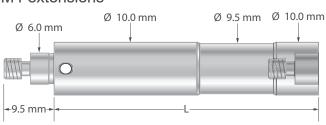
### M4 carbide, ceramic, and stainless steel stem styli, TC52/53/54/76



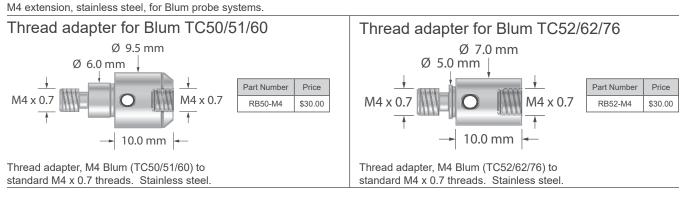
Part Number	Db	Ds	L1	L2	Price
TM4-1050.5-C-BL	1.0	0.7	50.0	5.1	\$185.00
TM4-2051-C-BL	2.0	1.0	50.0	8.0	\$185.00
TM4-3051.5-C-BL	3.0	2.0	50.0	11.8	\$185.00
TM4-4052-C-BL	4.0	2.5	50.0	13.7	\$195.00
TM4-5052.5-C-BL	5.0	3.5	50.0	12.0	\$195.00
TM4-5077.5-C-BL	5.0	3.5	75.0	14.5	\$205.00
TM4-50102.5-C-BL	5.0	3.5	100.0	14.5	\$215.00

M4 stylus with ruby ball, carbide stem, ceramic body, and stainless steel base, for Blum probe systems.

#### M4 extensions

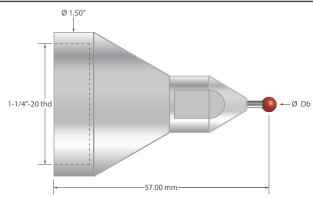


Part Number	L2	Price
VM4-50-BL	50.0	\$45.00
VM4-75-BL	75.0	\$50.00
VM4-100-BL	100.0	\$55.00





### Faro Compatible Parts



Part Number	Db	Wt	Ruby	Silicon Nitride*	Zirconia**	Carbide***	Steel****
QMFP-2	2.0	102	\$115.00	\$145.00	\$145.00	-	-
QMFP-3	3.0	103	\$120.00	\$150.00	\$150.00	\$195.00	\$125.00
QMFP-3.5	3.5	103	\$120.00	\$150.00	\$150.00	-	-
QMFP-4	4.0	103	\$120.00	\$150.00	\$150.00	-	-
QMFP-5	5.0	104	\$120.00	\$150.00	\$150.00	-	-
QMFP-6	6.0	105	\$120.00	\$150.00	\$150.00	-	-
QMFP-8	8.0	107	\$180.00	\$210.00	\$210.00	-	-

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Faro compatible stylus with carbide stem and stainless steel base.



Part Number	Db	Ds	L1	Ruby	Silicon Nitride*	Zirconia**
QMFARO-1/16	1/16"	1.0	44.0	\$125.00	-	\$165.00
QMFARO-1/8	1/8"	2.0	44.0	\$110.00	-	\$140.00
QMFARO-1/4	1/4"	2.5	44.0	\$130.00	-	\$160.00
QMFARO-5/16	5/16"	2.0	44.0	\$145.00	-	\$175.00
QMFARO-15	1.5	1.0	47.05	\$72.00	\$102.00	\$102.00
QMFARO-20	2.0	1.5	47.05	\$75.00	\$105.00	\$105.00
QMFARO-30	3.0	2.0	44.0	\$75.00	\$105.00	\$105.00
QMFARO-40	4.0	2.0	44.0	\$105.00	\$135.00	\$135.00
QMFARO-50	5.0	2.0	44.0	\$105.00	\$135.00	\$135.00
QMFARO-60	6.0	2.0	44.0	\$95.00	\$125.00	\$125.00

Faro compatible stylus with carbide stem and stainless steel base.

#### Thread adapters and scriber point



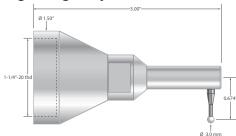




Part Number	Thread Sizes	Price
QFA-NM5	M6 (OD) to M5 (ID)	\$40.00
QFT-M5	1-1/4-20 (ID) to M5 (ID)	\$80.00
QFT-M6	1-1/4-20 (ID) to M6 (ID)	\$80.00
QMFP-S30-C	1-1/4-20 (ID)	\$180.00

Faro thread to metric thread adapters, stainless steel. Scriber has a stainless steel base and 30 degree carbide point.

#### Right angle stylus



Part Number	Zirconia
QMFP-30-90-Z	\$180.00

Faro compatible right angle stylus with stainless steel base, carbide stem, and 3.0 mm diameter zirconia ball.

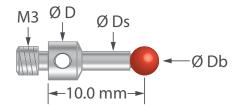
\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.



### **Romer Compatible Parts**



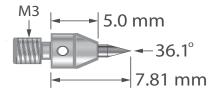
### Romer compatible styli



Part Number	Db	Ds	D	Wt	Ruby	Silicon Nitride*	Zirconia**
TM3-2010-S	2.0	1.5	3.5	0.83	\$36.00	\$66.00	\$66.00
TM3-3010-S	3.0	2.0	4.0	0.98	\$40.00	\$70.00	\$70.00
TM3-4010-S	4.0	2.5	4.0	1.04	\$40.00	\$70.00	\$70.00
TM3-5010-S	5.0	2.5	4.0	1.20	\$45.00	\$75.00	\$75.00
TM3-6010-S	6.0	2.5	4.0	1.35	\$45.00	\$75.00	\$75.00
TM3-8010-S	8.0	4.0	4.0	2.20	\$80.00	\$110.00	\$110.00

Romer compatible styli with stainless steel base and stem.

Romer compatible scriber



Part Number	Price
TM3-S30R-C	\$65.00

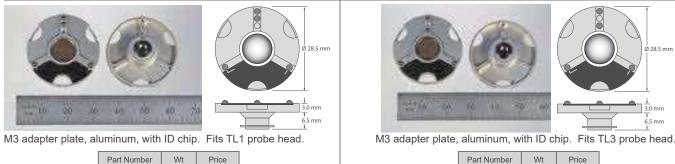
Romer compatible scriber with stainless steel base and carbide point.



### Adapter Plates and accessories



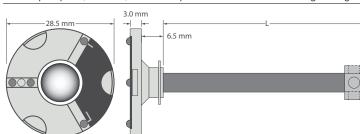




Part Number	VVt	Price
XXT-AP-ID3	4.59	\$350.00

Part Number	Fits	Wt	Price
XXT-AP-ID-D	TL1	3.28	\$410.00
XXT-AP-ID3-D	TL3	3.28	\$410.00

M3 adapter plate, Delrin®, with ID chip for XXT-ID TL1 or TL3. Light weight design.



4.59

\$350.00

XXT-AP-ID

10. 20 .00

Part Number	Fits	L	Wt	Price
XXT-AP-ID-STR	TL1	55.0	6.90	\$450.00
XXT-AP-ID3-STR	TL3	55.0	6.90	\$450.00
XXT-AP-ID3-STR-75	TL3	75.0	7.50	\$495.00
XXT-AP-ID3-STR-100	TL3	100.0	8.25	\$495.00
XXT-AP-ID3-STR-125	TL3	125.0	8.98	\$495.00
XXT-AP-ID3-STR-150	TL3	150.0	9.73	\$550.00

M3 adapter plate, aluminum, with 5.0 mm diameter carbon fiber extension and titanium M3 end fitting. TL1 is available in 55.0 mm length only.



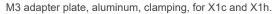
 Part Number
 Wt
 Price

 RADP25-2
 4.10
 \$295.00

M3 adapter plate, aluminum, with 4.0 mm diameter carbon fiber extension and stainless steel M3 end fitting.



Wt	Price
6.88	\$395.00





Part Number	Price
CP-X1	\$295.00

Stylus change port for clamping adapter plate LSP-209-X1.

### Adapter Plates and accessories



### Adapter plates for M5 components



Part Number	Wt	Price
VAS-1054	140.86	\$304.00

Wt

143.37

Price

\$300.00

Price

Part Number

VAS-8574

Part Number

M5 adapter plate for VAST probe system with hard anodized aluminum cube and ID chip. 69.0 mm diameter.



And and a sub-				
M5 adapter plate for VAST probe system	with hard anodized aluminum cube.	No ID chip.	69.0 mm diameter.	



M5 adapter plate for VAST-XT probe system. 69.0 mm diameter.



VAS-XT-9010	149.45	\$300.00

Wt

Part Number	Wt	Price
VAS-XT-9010-C	143.27	\$300.00

M5 adapter plate for VAST-XT probe system with hard anodized aluminum cube. 69.0 mm diameter.



Part Number	Wt	Price
VAS-9116	169.93	\$310.00

M5 adapter plate with titanium plate and 32.5 mm offset M5 tapped hole. Used on gear checking machines with VAST probe heads.



### Adapter Plates and accessories



### Adapter plates for M5 Pro Fit components



Part Number	Wt	Price
VAS-1054-PF	154.13	\$695.00

M5 adapter plate with ID chip and single Pro Fit cube for VAST probe system. 69.0 mm diameter.



Part Number	Wt	Price
VAS-1054-PF-40	186.71	\$795.00

M5 adapter plate with ID chip and double Pro Fit cube for VAST probe system. 69.0 mm diameter.



Part Number	Wt	Price
VAS-1054-50-PF	157.61	\$915.00

M5 adapter plate ID chip and single Pro Fit cube for VAST probe system. Includes 20.0 mm diameter x 50.0 mm long Therm-X extension.

### Adapter plate for Klingelnberg



Part Number	Wt	Price
KGMC-2000	63.73	\$250.00

M5 adapter plate for Klingelnberg P26 and P40 gear measurement systems.

### Probe bay for VAST adapter plates



Part Number	Quantity	Price
VAS-BAY	One	\$290.00

Holds one VAST adapter plate. Mounting hardware included.



### Adapter Plates and accessories



### Probe bay for XXT adapter plates



	Part Number	Quantity	Price
Γ	PS-XXT	One	\$1,150.00
	PS-XXT-3	Three	\$3,105.00

Each bay holds up to three XXT adapter plates. Mounting hardware included.

#### Two-level rack for VAST, RDS, and XXT probe bays



Part Number	Price	
PCM-MINI	\$750.00	

Two-level probe change rack for VAST, RDS, and XXT probe bays. Bolts to CMM table with stainless steel cap screw (included). 720 mm wide by 450 mm tall. Probe bays sold separately.

#### Cube Squared <sup>™</sup>



Part Number	Quantity	Price
QM-C2	One	\$195.00

Squares VAST and VAST-XT adapter plates to the CMM axis in one minute or less. No other tools needed.

#### Cube Squared Plus <sup>™</sup>



Part Number	Quantity	Price	
QM-C2P	One	\$245.00	

Sets VAST and VAST-XT plates to any angle to the CMM axis in one minute or less. No other tools needed.



### **Calibration Spheres**



### Grade 5 ruby calibration sphere



Part Number	Sphere Diameter (mm)	Price
CAL-DK5	5.0	\$525.00

Grade 5 ruby calibration sphere mounted on M6 threaded blackened stainless steel base. Independent laboratory certifications included.

#### Grade 5 ceramic calibration spheres



Part Number	Sphere Diameter (mm)	Price
CAL-DK8-C	8.0	\$445.00
CAL-DK12-C	12.0	\$790.00
CAL-DK14	14.0	\$795.00
CAL-DK15	15.0	\$560.00
CAL-DK20	20.0	\$625.00
CAL-DK25	25.0	\$595.00
CAL-DK25.4	25.4	\$675.00
CAL-DK30	30.0	\$620.00

Grade 5 ceramic calibration spheres mounted on M6 threaded blackened stainless steel bases. Independent laboratory certs included.

#### Base and stand for one calibration sphere



Price
\$180.00

Black powder-coated stainless steel base and stand for one calibration sphere. Base diameter is 85.0 mm with 112.0 mm tall post. Accepts calibration spheres with M6 threaded bases. A stainless steel M12 cap screw is included for fastening to CMM table, and a 1/4-20 cap screw is included for mounting to threaded subplates. Calibration sphere sold separately.

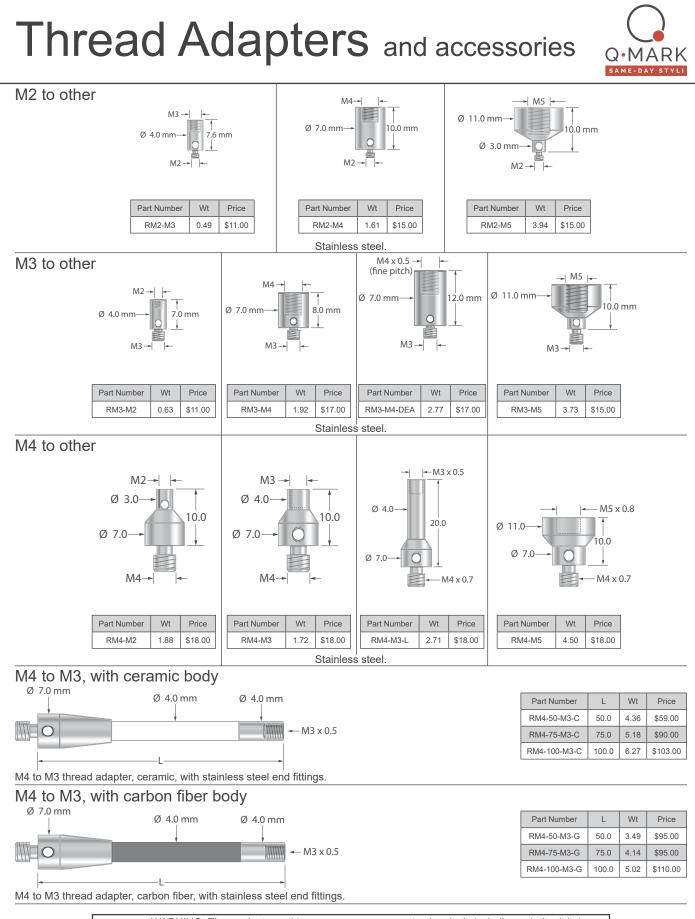
#### Base and stand for two calibration spheres



Part Number	Price
CAL-DKMB-DE	\$230.00

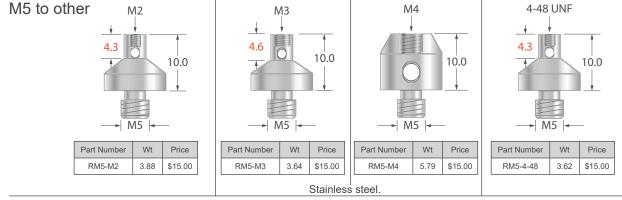
Black powder-coated stainless steel base and stand for two calibration spheres. Base diameter is 85.0 mm with 112.0 mm tall post. Accepts calibration spheres with M6 threaded bases. A stainless steel M12 cap screw is included for fastening to CMM table, and a 1/4-20 cap screw is included for mounting to a threaded subplate. Calibration spheres sold separately.





### Thread Adapters and accessories





### Probe keys, golf tee style



Hardened and tempered tool steel with black oxide finish.

### Probe keys, offset style



 Part Number
 Fits
 Price

 PK-2
 M2
 \$12.00

 PK-3
 M3
 \$12.00

 PK-4
 M4
 \$6.00

 PK-5
 M5
 \$14.00

Fits

M2 & M3

M3 Romer

M4

M5

Price

\$8.00

\$15.00

\$11.00

\$14.00

Part

Number PK2-PK3

PK-3-R

PK-4-GT

PK-5-GT

Hardened and tempered tool steel with stainless steel handle.

#### Thread card



End the guesswork over the correct thread and ball sizes for your probe systems. Our exclusive thread card has ten different tapped holes between M2 and 3/8-24 UNF to check thread sizes, and ten holes from 1.0 mm to 6.0 mm diameter to gage ball sizes. A built-in 40.0 mm long scale is helpful for estimating probe lengths.

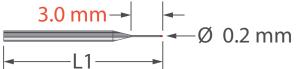
We make these from aircraft-grade aluminum. They are machined, red anodized, and laser engraved. About the size of a playing card, they are approximately 75.0 mm long x 50.0 mm wide x 3.0 mm thick.

A protective slip cover (shown) is included.

Part Number	Price	
Thread Card	\$25.00	



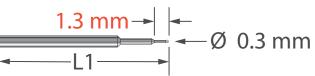
### 0.2 mm ruby ball with 1.0 mm stem



Part Number	L1	Wt	Price
TST-0210-R	10.0	0.09	\$145.00
TST-0215-R	15.0	0.14	\$145.00
TST-0225-R	25.0	0.21	\$145.00

Unthreaded styli with 0.2 mm diameter ruby ball and tapered carbide stem. Minor stem diameter is 0.15 mm and major stem diameter is 1.0 mm.

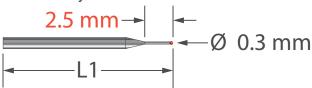
### 0.3 mm carbide ball with 1.0 mm stem



Part Number	L1	Wt	Price
TST-0310-C	10.0	0.11	\$110.00
TST-0315-C	15.0	0.17	\$110.00
TST-0316.5-C	16.5	0.18	\$110.00
TST-0325-C	25.0	0.28	\$110.00

Unthreaded styli with 0.3 mm diameter carbide ball and stepped carbide stem. Minor stem diameter is 0.2 mm, intermediate diameter is 0.5 mm, and major stem diameter is 1.0 mm.

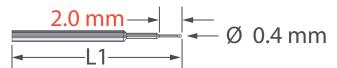
#### 0.3 mm ruby ball with 1.0 mm stem



Part Number	L1	Wt	Price
TST-0308-R	8.0	0.07	\$110.00
TST-0310-R	10.0	0.09	\$110.00
TST-0315-R	15.0	0.13	\$110.00
TST-0315.3-R	15.3	0.14	\$55.00

Unthreaded styli with 0.3 mm diameter ruby ball and tapered carbide stem. Minor stem diameter is 0.2 mm and major diameter is 1.0 mm.

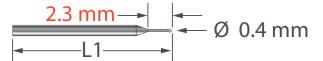
#### 0.4 mm carbide ball with 1.0 mm stem



Part Number	L1	Wt	Price
TST-0415-C	15.0	0.15	\$105.00
TST-0425-C	25.0	0.23	\$105.00

Unthreaded styli with 0.4 mm diameter carbide ball and stepped carbide stem. Minor stem diameter is 0.25 mm, intermediate diameter is 0.5 mm, and major stem diameter is 1.0 mm.

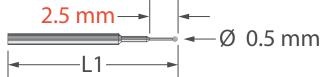
#### 0.4 mm ruby or silicon nitride ball with 1.0 mm stem



Part Number	Number L1		Ruby	Silicon NItride*	
TST-0415	15.0	0.15	\$115.00	\$145.00	
TST-0425	25.0	0.23	\$120.00	\$150.00	

Unthreaded styli with 0.4 mm diameter ruby or silicon nitride ball and tapered carbide stem. Minor stem diameter is 0.30 mm and major stem diameter is 1.0 mm.

### 0.5 mm carbide ball with 1.0 mm stem



TST-0415	15.0	0.15	\$115.00	\$145.00
TST-0425	25.0	0.23	\$120.00	\$150.00

Part Number	L1	Wt	Price
TST-0515-C	15.0	0.17	\$95.00
TST-0525-C	25.0	0.28	\$95.00

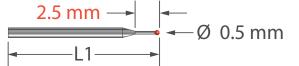
Unthreaded styli with 0.5 mm diameter carbide ball and stepped carbide stem. Minor stem diameter is 0.30 mm, intermediate diameter is 0.5 mm, and major stem diameter is 1.0 mm.

> \*NOTE: For a silicon nitride ball, add -SN to the part number. \*\*NOTE: For a carbide ball, add -C to the part number.





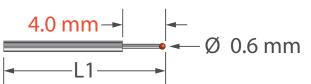
0.5 mm ruby or silicon nitride ball with 1.0 mm stem



Part Number	L1	Wt	Ruby	Silicon Nitride*
TST-0510-R	10.0	0.11	\$90.00	\$120.00
TST-0515-R	15.0	0.14	\$90.00	\$120.00
TST-0515.5-R	15.5	0.15	\$52.00	\$82.00
TST-0525-R	25.0	0.24	\$95.00	\$125.00

Unthreaded styli with 0.5 mm diameter ruby or silicon nitride ball and tapered carbide stem. Minor stem diameter is 0.3 mm and major diameter is 1.0 mm.

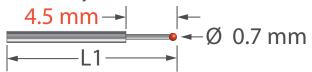
#### 0.6 mm ball with 1.0 mm stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Carbide**	Zirconia***
TST-0610	10.0	0.09	\$70.00	\$100.00	\$70.00	\$100.00
TST-0615	15.0	0.13	\$70.00	\$100.00	\$70.00	\$100.00
TST-0615.5	16.5	0.14	\$41.00	\$71.00	\$41.00	\$71.00
TST-0620	20.0	0.21	\$70.00	\$100.00	\$70.00	\$100.00
TST-0625	25.0	0.29	\$70.00	\$100.00	\$70.00	\$100.00

Unthreaded styli with 0.6 mm diameter ball and carbide stem. Minor stem diameter is 0.4 mm and major diameter is 1.0 mm.

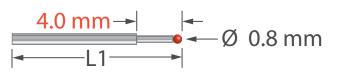
0.7 mm ruby ball with 1.0 mm stem



Part Number	L1	Wt	Price	
TST-0715	15.0	0.15	\$44.00	

Unthreaded styli with 0.7 mm diameter ruby ball and stepped carbide stem. Minor stem diameter is 0.5 mm and major diameter is 1.0 mm.

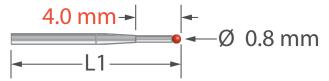
#### 0.8 mm ball with 1.0 mm stepped stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Carbide**	Zirconia***
TST-0810	10.0	0.07	\$55.00	\$85.00	\$77.00	\$85.00
TST-0815	15.0	0.14	\$39.00	\$69.00	\$75.00	\$69.00
TST-0820	20.0	0.18	\$55.00	\$85.00	\$77.00	\$85.00
TST-0825	25.0	0.24	\$60.00	\$90.00	\$82.00	\$90.00

Unthreaded styli with 0.8 mm diameter ball and stepped carbide stem. Minor stem diameter is 0.6 mm and major diameter is 1.0 mm.

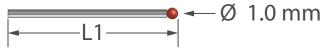
### 0.8 mm ball with 1.0 mm tapered stem



Part Numbe	r L1	Wt	Ruby	Silicon Nitride*	Carbide**	Zirconia***
TST-0810-1	10.0	0.07	\$55.00	\$85.00	\$77.00	\$85.00
TST-0815-1	15.0	0.14	\$39.00	\$69.00	\$61.00	\$69.00
TST-0820-1	20.0	0.18	\$55.00	\$85.00	\$77.00	\$85.00
TST-0825-1	- 25.0	0.24	\$60.00	\$90.00	\$82.00	\$90.00

Unthreaded styli with 0.8 mm diameter ball and stepped carbide stem. Minor stem diameter is 0.6 mm and major diameter is 1.0 mm.

1.0 mm ball with 0.7 mm stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia***
TST-1010-DS.7	10.0	0.06	\$39.00	\$69.00	\$69.00
TST-1015-DS.7	15.0	0.08	\$39.00	\$69.00	\$69.00

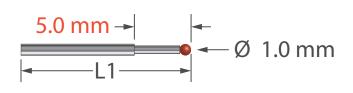
Unthreaded styli with 1.0 mm diameter ball and 0.7 mm diameter carbide stem.

\*NOTE: For a *silicon nitride* ball, add *-SN* to the part number. \*\*NOTE: For a *carbide* ball, add *-C* to the part number. \*\*\*NOTE: For a *zirconia* ball, add *-Z* to the part number.



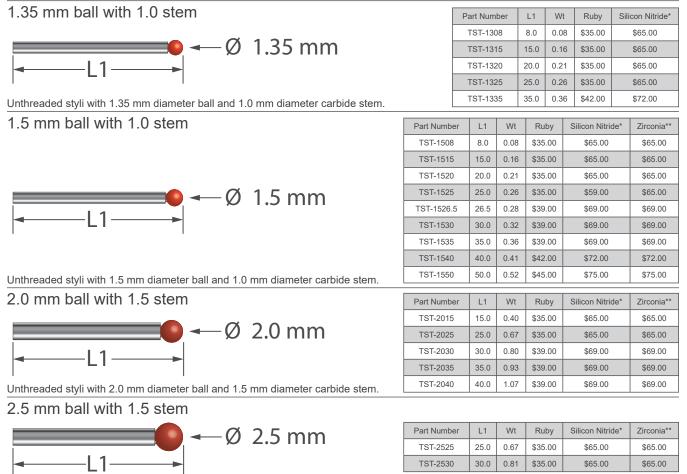


1.0 mm ball with 1.0 mm stepped stem



Part Number	L1	Wt	Ruby	Silicon Nitride*	Zirconia***
TST-1010	10.0	0.11	\$39.00	\$69.00	\$69.00
TST-1015	15.0	0.16	\$39.00	\$69.00	\$69.00
TST-1016	16.0	0.17	\$39.00	\$69.00	\$69.00
TST-1020	20.0	0.21	\$39.00	\$69.00	\$69.00
TST-1025	25.0	0.26	\$39.00	\$69.00	\$69.00
TST-1030	30.0	0.31	\$42.00	\$72.00	\$72.00
TST-1035	35.0	0.36	\$42.00	\$72.00	\$72.00
TST-1040	40.0	0.41	\$43.00	\$73.00	\$73.00

Unthreaded styli with 1.0 mm diameter ball and stepped carbide stem. Minor stem diameter is 0.7 mm and major diameter is 1.0 mm.

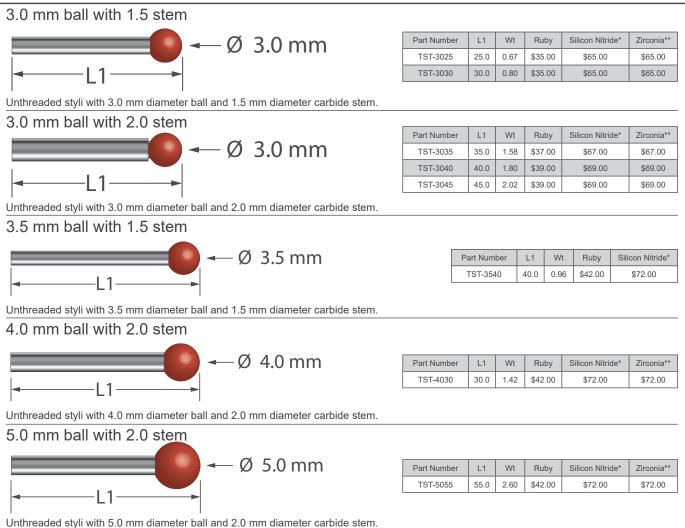


Unthreaded styli with 2.5 mm diameter ball and 1.5 mm diameter carbide stem.

\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.







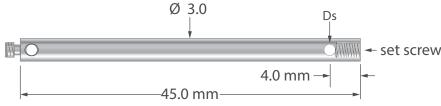
\*NOTE: For a **silicon nitride** ball, add **-SN** to the part number. \*\*NOTE: For a **zirconia** ball, add **-Z** to the part number.



# Unthreaded Stylus Holders o



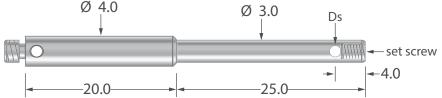
### M2 ultra-light threaded stylus holder, right angle, for one unthreaded stylus



Part Number	Ds	Wt	Price
PH2-10	1.0	2.42	\$45.00
PH2-15	1.5	2.39	\$45.00

M2 ultra-light right angle stylus holder, 3.0 mm diameter stainless steel. Holds one unthreaded stylus at 90 degrees from body. Stainless steel set screw for clamping. Includes one 0.7 mm hex wrench for set screw.

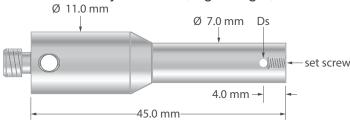
### M3 ultra-light threaded stylus holder, right angle, for one unthreaded stylus



Part Number	Ds	Wt	Price
PH3-10	1.0	3.30	\$45.00
PH3-15	1.5	3.26	\$45.00

M3 ultra-light right angle stylus holder, 4.0 mm diameter stainless steel. Holds one unthreaded stylus at 90 degrees from body. Stainless steel set screw for clamping. Includes one 0.7 mm hex wrench for set screw.

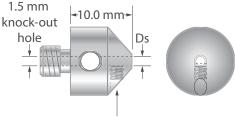
#### M5 threaded stylus holder, right angle, for one unthreaded stylus



Part Number	Ds	Wt	Price	
PH-10	1.0	21.73	\$50.00	
PH-15	1.5	21.86	\$50.00	

M5 right angle stylus holder, 11.0 mm diameter stainless steel. Holds one unthreaded stylus at 90 degrees from body. Stainless steel set screw for clamping. Includes one 0.7 mm hex wrench for set screw.

#### M5 threaded stylus holder for one unthreaded stylus

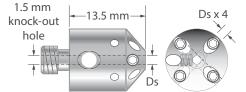


Part Number	Ds	Wt	Price
QC-100	1.0	5.19	\$30.00
QC-150	1.5	4.92	\$30.00
QC-200	2.0	4.47	\$30.00

set screw

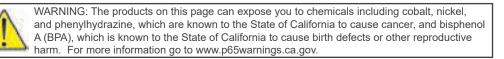
Holds one unthreaded stylus. Features a 1.5 mm diameter knock-out hole through the threaded base. 11.0 mm diameter stainless steel, with stainless steel set screw. Includes one 0.7 mm hex wrench for set screw.

### M5 threaded stylus holder for one to five unthreaded styli in star configuration



Part Number	Ds	Wt	Price
PH-100	1.0	7.46	\$46.00
PH-150	1.5	7.38	\$46.00
PH-200	2.0	7.28	\$46.00

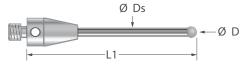
Holds up to five unthreaded styli. Features a 1.5 mm diameter knock-out hole through the threaded base. 11.0 mm diameter stainless steel, with five stainless steel set screws. Includes one 0.7 mm hex wrench for set screws.



# **Diamond Styli**



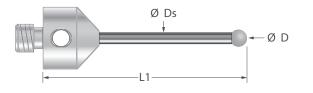
### M3 diamond styli with standard base



Part Number	D	L1	Ds	Wt	Solid Diamond	Diamond Coated
TM3-2030-TX-D	2.0	30.0	1.5	1.01	\$1,070.00	
TM3-2030-TX-DC	2.05	30.0	1.5	1.01		\$695.00

M3 stylus with solid diamond or diamond coated sphere, carbide stem, and 4.0 mm diameter x 9.0 mm long stainless steel base.

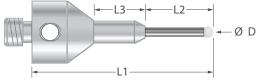
### M5 diamond styli with standard base



,				0		
Part Number	D	L1	Ds	Wt	Solid Diamond	Diamond Coated
AFG-1022.5-DS.8-D	1.0	22.5	0.8	5.56	\$1,070.00	
AFG-2020-DS1.5-D	1.5	20.0	1.5	5.74	\$1,070.00	
AFG-2034-DC	2.05	34.0	1.5	6.63		\$695.00
AFG-2058-D	2.0	58.0	1.5	6.88	\$1,070.00	
ATG-3025-D	3.0	25.0	1.5	6.01	\$1,070.00	
ATG-3033-D	3.0	33.0	2.0	6.75	\$1,070.00	
ATG-3033-DC	3.05	33.0	2.0	6.75		\$695.00
ATG-3036-D	3.0	36.0	2.0	6.88	\$1,070.00	
ATG-3040-DC	3.0	40.0	2.0	7.06		\$695.00
ATG-3050-D	3.0	50.0	2.0	7.50	\$1,070.00	
ATG-3050-DC	3.05	50.0	2.0	7.50		\$695.00
ATG-3058-D	3.0	58.0	2.0	7.86	\$1,070.00	
ATG-3058-DC	3.05	58.0	2.0	7.86		\$695.00
ATG-3064-D	3.0	64.0	2.0	8.12	\$1,070.00	
ATG-3064-DC	3.05	64.0	2.0	8.12		\$695.00
ATG-3075-D	3.0	75.0	2.0	8.62	\$1,070.00	
ATG-3075-DC	3.05	75.0	2.0	8.62		\$695.00
ATG-3085-DC	3.05	85.0	2.0	9.07		\$695.00
ATG-3090-D	3.0	90.0	2.0	9.29	\$1,070.00	
ATG-30100-DC	3.05	100.0	2.0	9.73		\$695.00
ATG-5050-DC	5.05	50.0	3.5	11.18		\$950.00
ATG-5075-DC	5.05	75.0	3.5	14.64		\$950.00
ATG-50100-DC	5.05	100.0	3.5	17.82		\$950.00

M5 stylus with solid diamond or diamond coated sphere, carbide stem, and 11.0 mm diameter x 10.0 mm long stainless steel base.

### M5 diamond styli with stepped base



Part Number	D	L1	L2	L3	Wt	Solid Diamond	Diamond Coated
AQG-2032-D	2.0	32.0	12.0	9.0	7.12	\$1,070.00	
ARG-2044-D	2.0	44.0	19.0	12.5	7.88	\$1,070.00	
ARG-2044-DC	2.05	44.0	19.0	12.5	7.88		\$695.00

M5 stylus with solid diamond or diamond coated sphere, 1.5 mm diameter carbide stem, and 11.0 mm diameter stainless steel base.

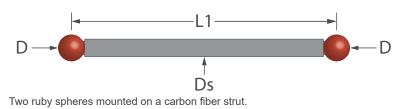
We can supply a solid diamond or diamond coated sphere on just about any Q-Mark stylus equipped with a 1.0, 2.0, 3.0, or 5.0 mm diameter sphere. Please contact us at sales@cmms.com for a prompt quotation.



### **CT Scan Artifacts**



Computed Tomography (CT) Scan Artifacts

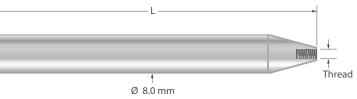


Part Number	D	L1	Ds	Wt	Price
CT-2022	2.0	20.0	1.5	0.05	\$100.00
CT-3033	3.0	30.0	2.0	0.18	\$110.00
CT-6066	6.0	60.0	3.5	1.71	\$135.00
CT-8088	8.0	80.0	6.0	5.37	\$160.00

# Mitutoyo Compatible Parts



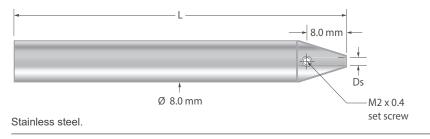
Mitutoyo height gage holders for threaded styli



Part Number	Thread	L	Price
MH-M2	M2 x 0.4	54.0	\$90.00
MH-M3	M3 x 0.5	54.0	\$90.00

Stainless steel.

Mitutoyo height gage holders for unthreaded styli



Part Number	Ds	L	Price
MH-10	1.0	67.0	\$60.00
MH-15	1.5	67.0	\$60.00
MH-20	2.0	62.0	\$60.00

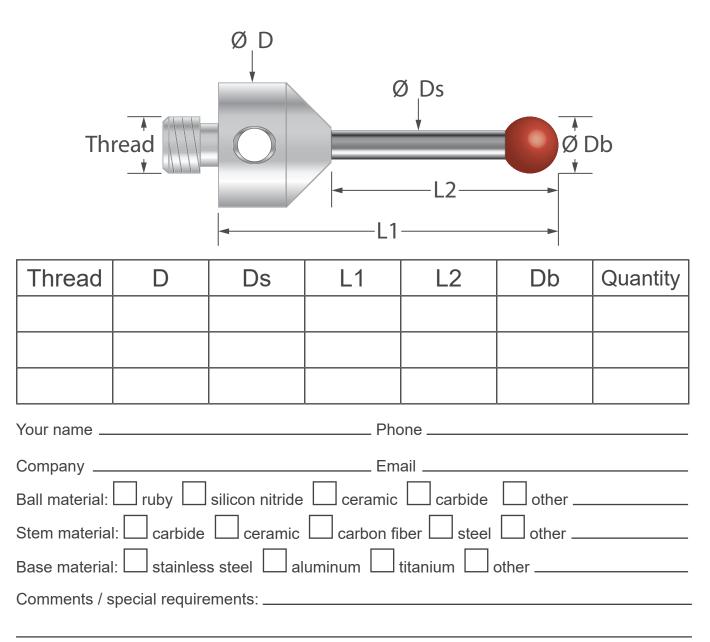
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### **Standard Stylus**

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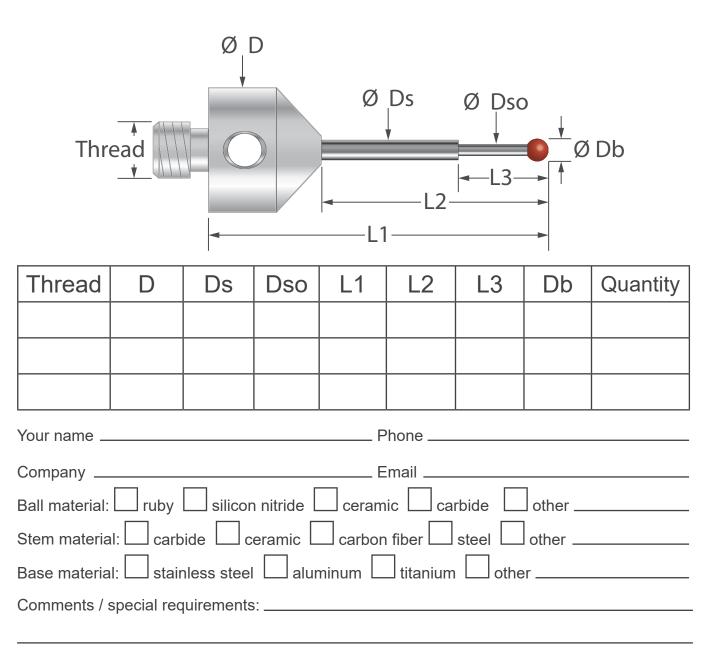
### Design Your Own<sup>™</sup>



### To design your own stylus in 3D, please visit www.cmms.com/design-your-own-stylus

### **Miniature Stylus**

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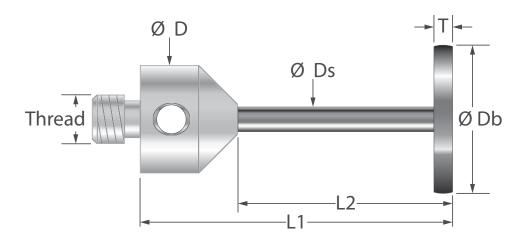
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- 2. Fill in the blanks.



Thread	D	Ds	L1	L2	Т	Db	Quantity

Your name	. Phone
Company	. Email
Disk material: hardened steel ceramic	carbide other
Stem material: Carbide ceramic carb	on fiber 🔲 steel 🔲 other
Base material: Stainless steel	
Comments / special requirements:	

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