



FC High Power Connector

Product Features

- Pre-assembled
- Accommodates 0.9mm, 2mm and 3mm fiber types
- Available with 0.9mm, 2mm and 3mm boots
- Complies with IEC, TIA and Telcordia standards
- Suitable for high-speed production polishing processes
- Conforms to JIS C5973 standard (F04 type connector)

Precision Fiber Products manufactures FC multimode connectors. They come in a variety of ID bore sizes and performance types.

Suggested crimp tool for assembly:

PFP Fiber Optic Crimp Tool
Part Number: **PFP-CT1000**

***Available in Standard, Premium and Elite.**



Part Number: MM-CON2004HP-SS-XXXX

Mechanical Specifications

MULTIMODE

Family	Connector
Type	FC
End face	Well Tip
Operating Temperature	-25° - + 70° C

Part	Material	Size
Ferrule	Stainless 303	—
Body	Nickel Plated Brass	—
Boot	PVC	0.9mm, 2mm, 3mm
Crimp	Aluminum	2mm, 3mm

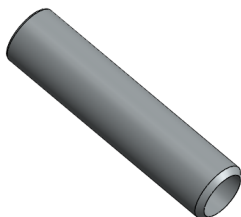
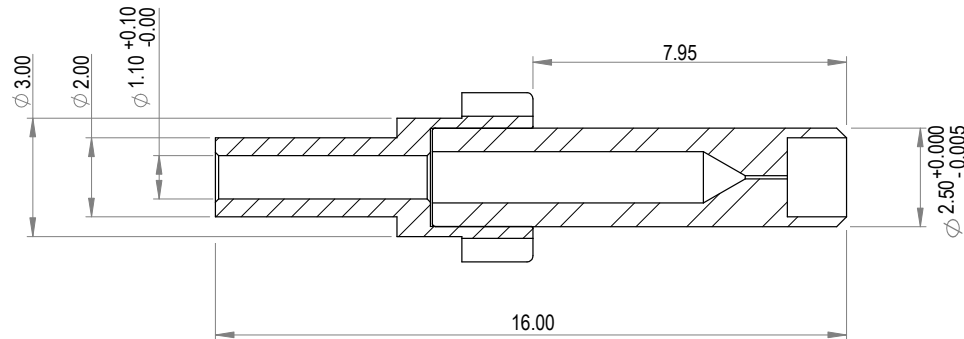
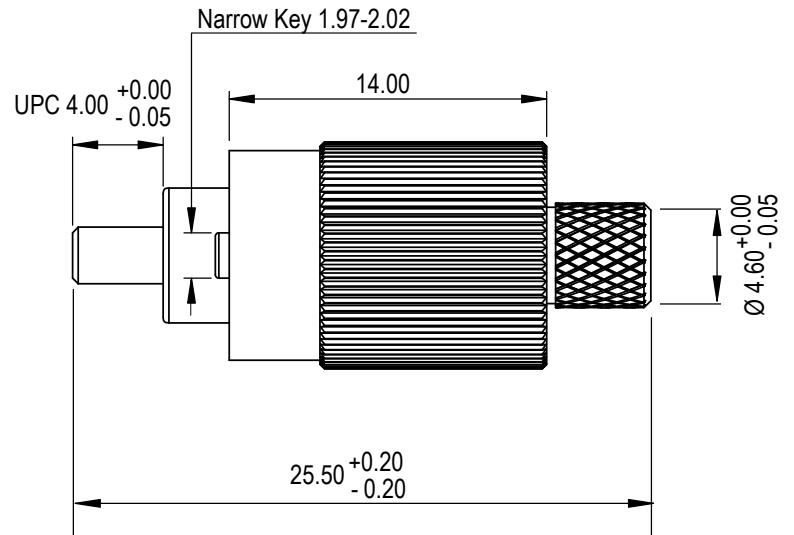
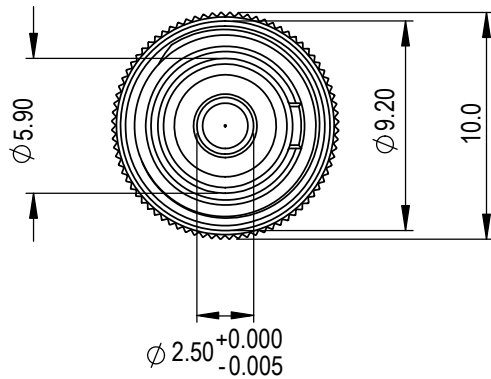
BOOT COLOR	XXX
BLACK	BLK
BLUE	BLU
GREEN	GRN
RED	RED
WHITE	WHT
BEIGE	BGE
GRAY	GRY
YELLOW	YLW



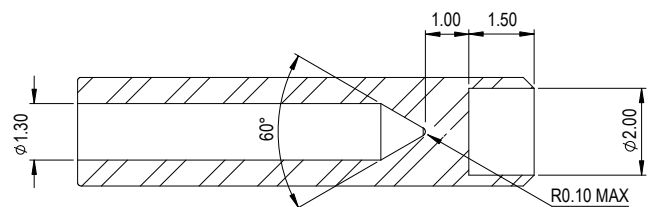
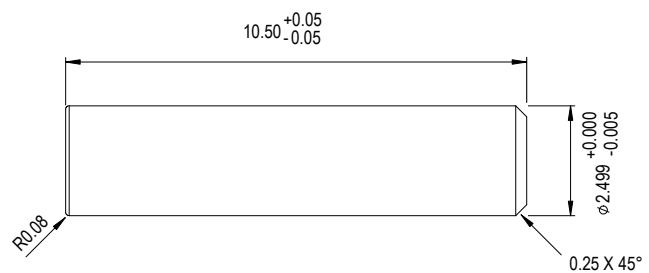
We meet or exceed customer expectations
in product quality and on time delivery

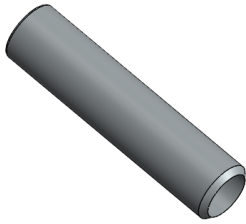


Drawing Specifications

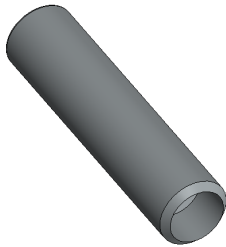
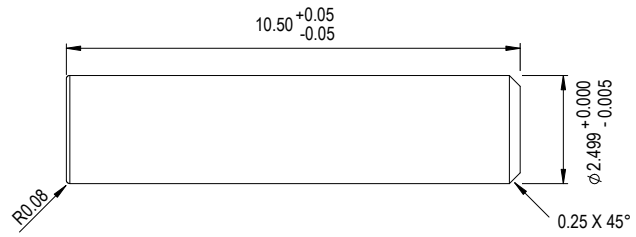


PN: MM-FER2004HP-SS-XXXX
 ID Bore: 0.126 - 0.220mm

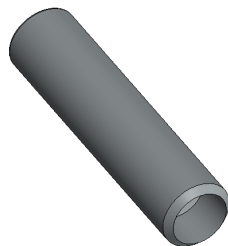
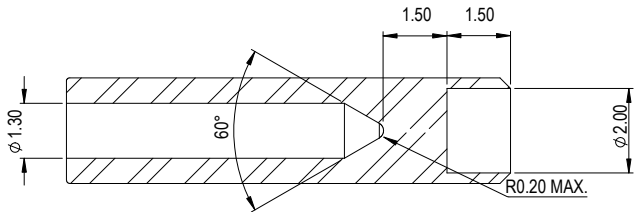




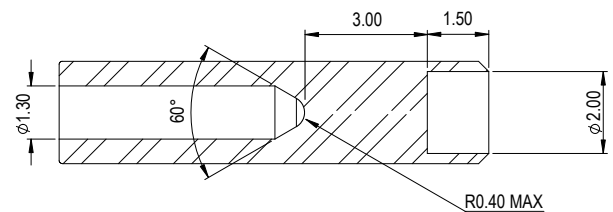
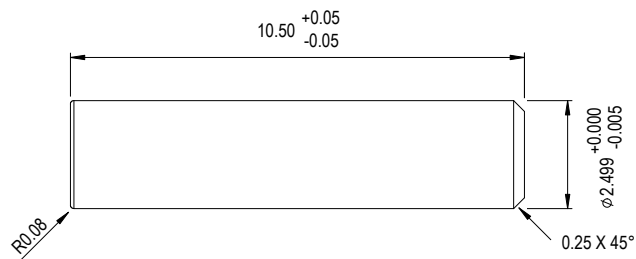
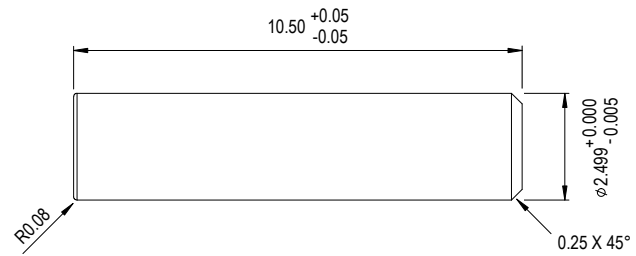
PN: MM-FER2004HP-SS-1.5
ID Bore: 0.230 - 0.290mm

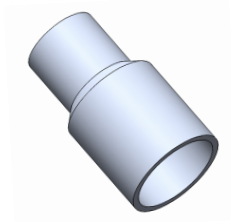


PN: MM-FER2004HP-SS-2
ID Bore: 0.300 - 0.540mm

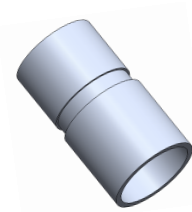
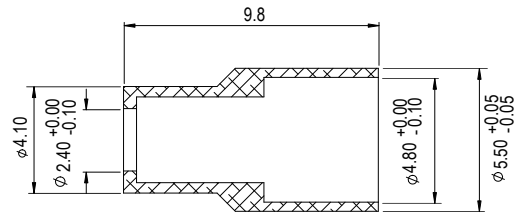


PN: MM-FER2004HP-SS-3
ID Bore: 0.550 - 0.750mm

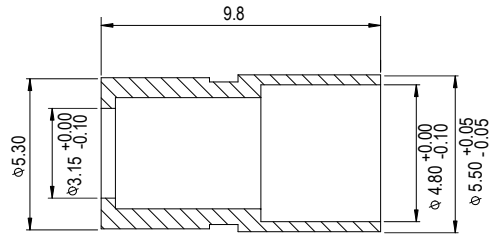




PN: CRP-2SC
Crimp Hex Size: (0.197, 0.131)



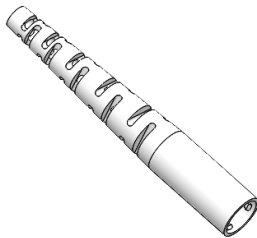
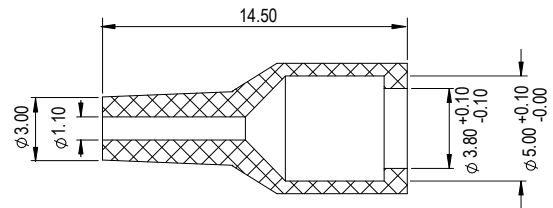
PN: CRP-3SC
Crimp Hex Size: (0.197, 0.171)



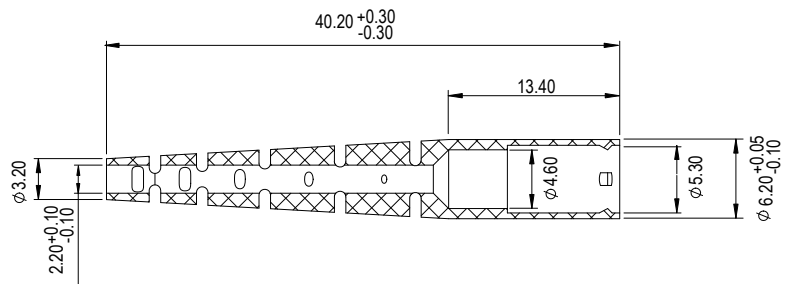
PFP Fiber Optic Crimp Tool
PN: PFP-CT1000

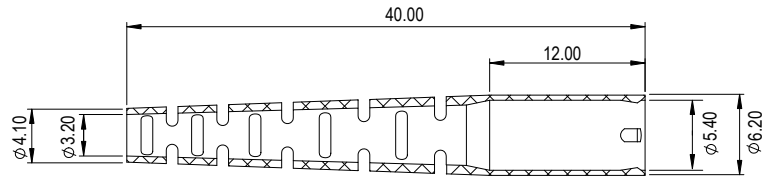


PN: BOT-SC-9FC-S-XXX



PN: BOT-SCFCST-2SC00-XXX





PN: BOT-SCFCST-3SC00-XXX

-XXXX	I.D.	Standard			Premium			Elite		
		Min	Max	Concentricity	Min	Max	Concentricity	Min	Max	Concentricity
1260	0.1260	0.1260	0.1310	<10	0.1260	0.1310	<5	0.1260	0.1280	<5
1400	0.1400	0.1400	0.1450	<10	0.1400	0.1450	<5	0.1400	0.1425	<5
1500	0.1500	0.1500	0.1550	<10	0.1500	0.1550	<5	0.1500	0.1525	<5
1600	0.1600	0.1600	0.1650	<15	0.1600	0.1650	<7.5	0.1600	0.1625	<7.5
1700	0.1700	0.1700	0.1750	<15	0.1700	0.1750	<7.5	0.1700	0.1725	<7.5
1800	0.1800	0.1800	0.1900	<15	0.1800	0.1900	<7.5	0.1800	0.1850	<7.5
1900	0.1900	0.1900	0.1950	<15	0.1900	0.1950	<7.5	0.1900	0.1925	<7.5
2000	0.2000	0.2000	0.2100	<20	0.2000	0.2100	<10	0.2000	0.2050	<10
2100	0.2100	0.2100	0.2200	<20	0.2100	0.2200	<10	0.2100	0.2150	<10
2200	0.2200	0.2200	0.2300	<20	0.2200	0.2300	<10	0.2200	0.2250	<10
2300	0.2300	0.2300	0.2400	<20	0.2300	0.2400	<10	0.2300	0.2350	<10
2400	0.2400	0.2400	0.2500	<20	0.2400	0.2500	<10	0.2400	0.2450	<10
2500	0.2500	0.2500	0.2600	<20	0.2500	0.2600	<10	0.2500	0.2550	<10
2550	0.2550	0.2550	0.2650	<20	0.2550	0.2650	<10	0.2550	0.2625	<10
2750	0.2750	0.2750	0.2850	<20	0.2750	0.2850	<10	0.2750	0.2825	<10
2800	0.2800	0.2800	0.2900	<20	0.2800	0.2900	<10	0.2800	0.2850	<10
3000	0.3000	0.3000	0.3100	<20	0.3000	0.3100	<10	0.3000	0.3050	<10
3050	0.3050	0.3050	0.3150	<20	0.3050	0.3150	<10	0.3050	0.3100	<10
3300	0.3300	0.3300	0.3400	<20	0.3300	0.3400	<10	0.3300	0.3350	<10
3400	0.3400	0.3400	0.3500	<20	0.3400	0.3500	<10	0.3400	0.3450	<10
3700	0.3700	0.3700	0.3800	<20	0.3700	0.3800	<10	0.3700	0.3750	<10
4000	0.4000	0.4000	0.4100	<30	0.4000	0.4100	<15	0.4000	0.4050	<15
4050	0.4050	0.4050	0.4150	<30	0.4050	0.4150	<15	0.4050	0.4100	<15
4500	0.4500	0.4500	0.4600	<30	0.4500	0.4600	<15	0.4500	0.4550	<15
4550	0.4550	0.4550	0.4650	<30	0.4550	0.4650	<15	0.4550	0.4600	<15
5000	0.5000	0.5000	0.5100	<30	0.5000	0.5100	<15	0.5000	0.5050	<15
5050	0.5050	0.5050	0.5150	<30	0.5050	0.5150	<15	0.5050	0.5100	<15
5300	0.5300	0.5300	0.5400	<40	0.5300	0.5400	<20	0.5300	0.5350	<20
5500	0.5500	0.5500	0.5600	<40	0.5500	0.5600	<20	0.5500	0.5550	<20



-XXXX	I.D.	Standard			Premium			Elite		
		Min	Max	Concentricity	Min	Max	Concentricity	Min	Max	Concentricity
5600	0.5600	0.5600	0.5700	<40	0.5600	0.5700	<20	0.5600	0.5650	<20
5700	0.5700	0.5700	0.5800	<40	0.5700	0.5800	<20	0.5700	0.5750	<20
5800	0.5800	0.5800	0.5900	<40	0.5800	0.5900	<20	0.5800	0.5850	<20
5900	0.5900	0.5900	0.6000	<40	0.5900	0.6000	<20	0.5900	0.5950	<20
6000	0.6000	0.6000	0.6100	<40	0.6000	0.6100	<20	0.6000	0.6050	<20
6100	0.6100	0.6100	0.6200	<40	0.6100	0.6200	<20	0.6100	0.6150	<20
6150	0.6150	0.6150	0.6250	<40	0.6150	0.6250	<20	0.6150	0.6200	<20
6200	0.6200	0.6200	0.6300	<40	0.6200	0.6300	<20	0.6200	0.6250	<20
6300	0.6300	0.6300	0.6400	<40	0.6300	0.6400	<20	0.6300	0.6350	<20
6400	0.6400	0.6400	0.6500	<40	0.6400	0.6500	<20	0.6400	0.6450	<20
6500	0.6500	0.6500	0.6600	<40	0.6500	0.6600	<20	0.6500	0.6550	<20
6600	0.6600	0.6600	0.6700	<40	0.6600	0.6700	<20	0.6600	0.6650	<20
6700	0.6700	0.6700	0.6800	<40	0.6700	0.6800	<20	0.6700	0.6750	<20
6800	0.6800	0.6800	0.6900	<40	0.6800	0.6900	<20	0.6800	0.6850	<20
6900	0.6900	0.6900	0.7000	<40	0.6900	0.7000	<20	0.6900	0.6950	<20
7000	0.7000	0.7000	0.7100	<40	0.7000	0.7100	<20	0.7000	0.7050	<20
7100	0.7100	0.7100	0.7200	<40	0.7100	0.7200	<20	0.7100	0.7150	<20
7200	0.7200	0.7200	0.7300	<40	0.7200	0.7300	<20	0.7200	0.7250	<20
7300	0.7300	0.7300	0.7400	<40	0.7300	0.7400	<20	0.7300	0.7350	<20
7400	0.7400	0.7400	0.7500	<40	0.7400	0.7500	<20	0.7400	0.7450	<20
7500	0.7500	0.7500	0.7600	<40	0.7500	0.7600	<20	0.7500	0.7550	<20
7600	0.7600	0.7600	0.7700	<50	0.7600	0.7700	<25	0.7600	0.7650	<25
7700	0.7700	0.7700	0.7800	<50	0.7700	0.7800	<25	0.7700	0.7750	<25
7800	0.7800	0.7800	0.7900	<50	0.7800	0.7900	<25	0.7800	0.7850	<25
7900	0.7900	0.7900	0.8000	<50	0.7900	0.8000	<25	0.7900	0.7950	<25
8000	0.8000	0.8000	0.8100	<50	0.8000	0.8100	<25	0.8000	0.8050	<25
8100	0.8100	0.8100	0.8200	<50	0.8100	0.8200	<25	0.8100	0.8150	<25
8200	0.8200	0.8200	0.8300	<50	0.8200	0.8300	<25	0.8200	0.8250	<25
8300	0.8300	0.8300	0.8400	<50	0.8300	0.8400	<25	0.8300	0.8350	<25
8400	0.8400	0.8400	0.8500	<50	0.8400	0.8500	<25	0.8400	0.8450	<25
8500	0.8500	0.8500	0.8600	<50	0.8500	0.8600	<25	0.8500	0.8550	<25

Rev. 01 Initial Release: RP
Rev. 02 Ferrules drawings and 6150um ID added: RP



We meet or exceed customer expectations
in product quality and on time delivery

