



NIDEC-SHIMPO CORPORATION  
INSTRUMENTS DIVISION

## Small Pin Grip



NIDEC-SHIMPO's Small Pin Grip attachments are ideal for gripping fine wires and laments, which enables precise and accurate testing results for small and hard-to-hold items. With various width and load capacities available, these grips are available in three ranges for checking sample thicknesses of 0.02", 0.04" and 0.08" (0.5, 1 and 2 mm).

Grips and attachments sold individually (not in pairs).

### Features

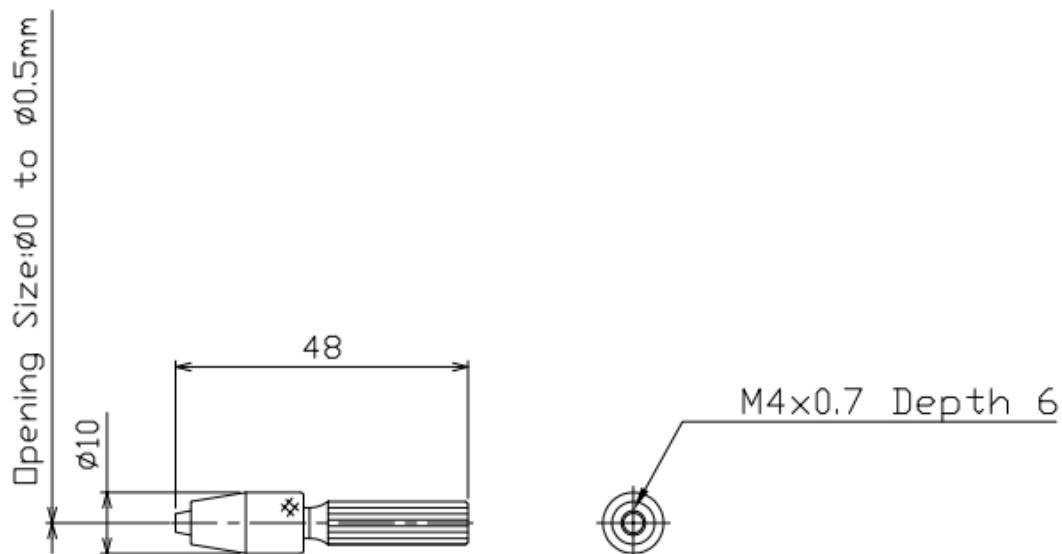
NIDEC-SHIMPO's Small Pin Grip attachments are ideal for gripping fine wires and laments, which enables precise and accurate testing results for small and hard-to-hold items. With various width and load capacities available, these grips are available in three ranges for checking sample thicknesses of 0.02", 0.04" and 0.08" (0.5, 1 and 2 mm).

### Specifications


Model	FG-M6PIN05	FG-M6PIN1	FG-M6PIN2
Range	0.02" (0.5 mm) thick	0.04" (1 mm) thick	0.08" (2 mm) thick
Capacity	22 lb (11 Kg)	22 lb (11 Kg)	22 lb (11 Kg)

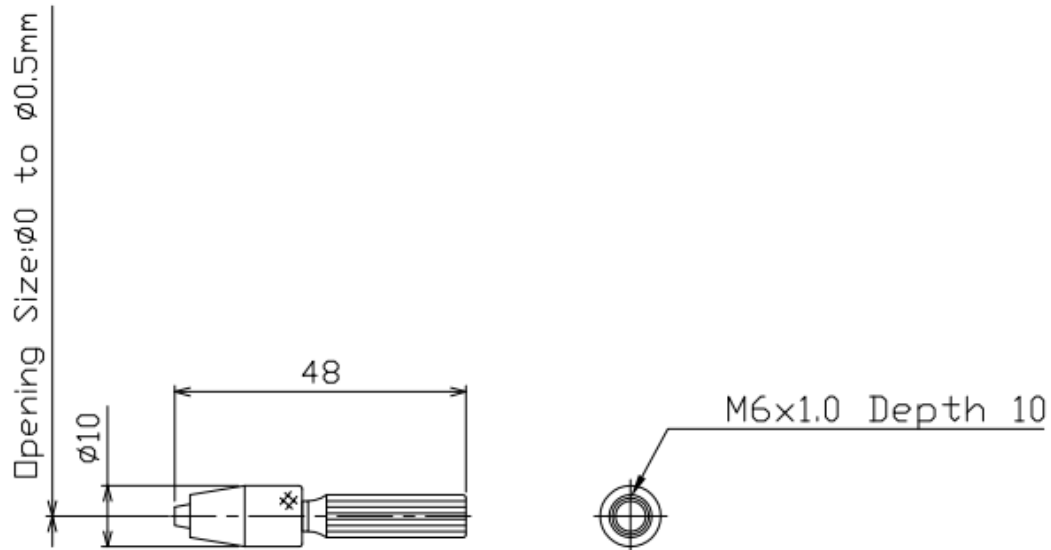
Model	FG-M4PIN05	FG-M4PIN1	FG-M4PIN2
Max. Range Thickness	0.02" (0.5 mm)	0.04" (1 mm)	0.08" (2 mm)
Capacity	22 lb (11 kg)	22 lb (11 kg)	22 lb (11 kg)

## Dimensions





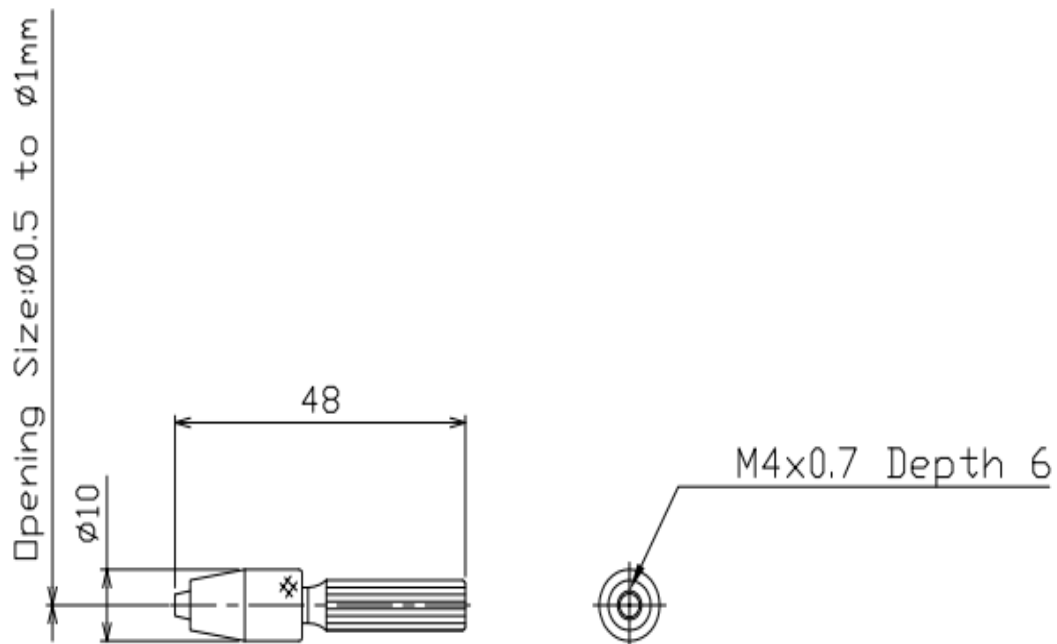
Weight: Approx. 14g

DIMENSION		TOLERANCE		APPROVED		UNITS		PARTS NAME	
TO 6		±0.1		Toshi		mm		Pin Grip (M4) 0.5	
OVER 6 TO 30		±0.2		CHECKED		MATERIAL			
OVER 30 TO 120		±0.3		MO		-		MODEL	
OVER 120 TO 400		±0.5		DRAWN		QUANTITY			
OVER 400 TO 1000		±0.8		Kei		1		FG-M4PIN0.5	
OVER 1000 TO 2000		±1.2				SCALE			
OVER 2000 TO 4000		±2.0				1 : 1		CODE	
HEAT TREATMENT / HARDNESS				DATE 02/02/2016					
SURFACE TREATMENT									
				NIDEC-SHIMPO AMERICA CORP				DRAWING NO.	
				Itasca, IL 60143, USA Tel: (630)924-7138					
								BGBM037	




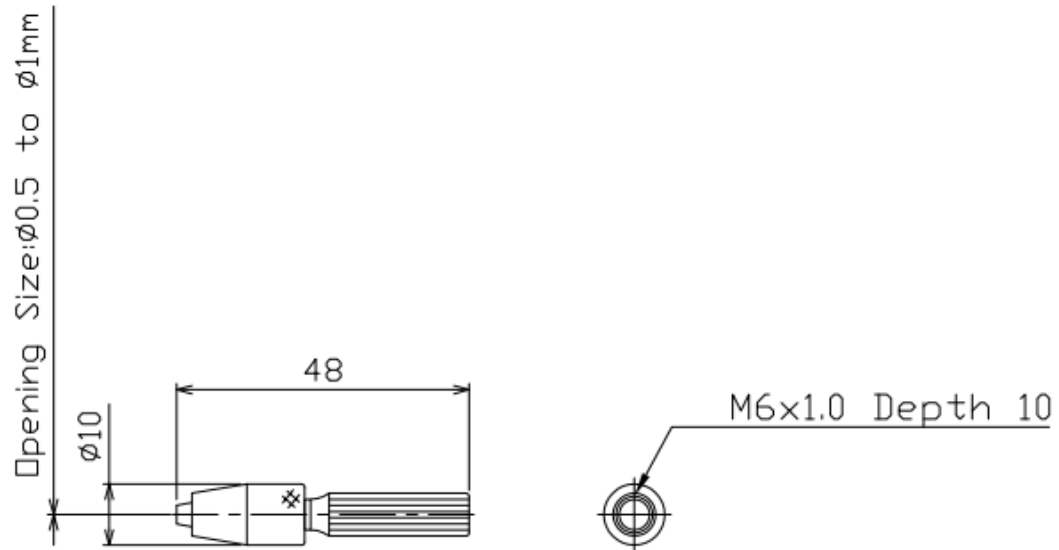
Weight: Approx. 14g

DIMENSION		TOLERANCE	APPROVED	UNITS	PARTS NAME	
TO 6		±0.1	Toshi	mm	Pin Grip (M6) 0.5	
OVER 6 TO 30		±0.2				
OVER 30 TO 120		±0.3				
OVER 120 TO 400		±0.5				
OVER 400 TO 1000		±0.8				
OVER 1000 TO 2000		±1.2	CHECKED	MATERIAL	MODEL  FG-M6PIN0.5	
OVER 2000 TO 4000		±2.0	MO	-		
HEAT TREATMENT / HARDNESS			DRAWN	QUANTITY		CODE  EJ450055-1
			Kei	1		
			SCALE	1 : 1		
SURFACE TREATMENT			DATE 02/02/2016		DRAWING NO.  BGBM040	
			<b>NIDEC-SHIMPO AMERICA CORP</b>			
			Itasca, IL 60143, USA Tel: (630)924-7138			




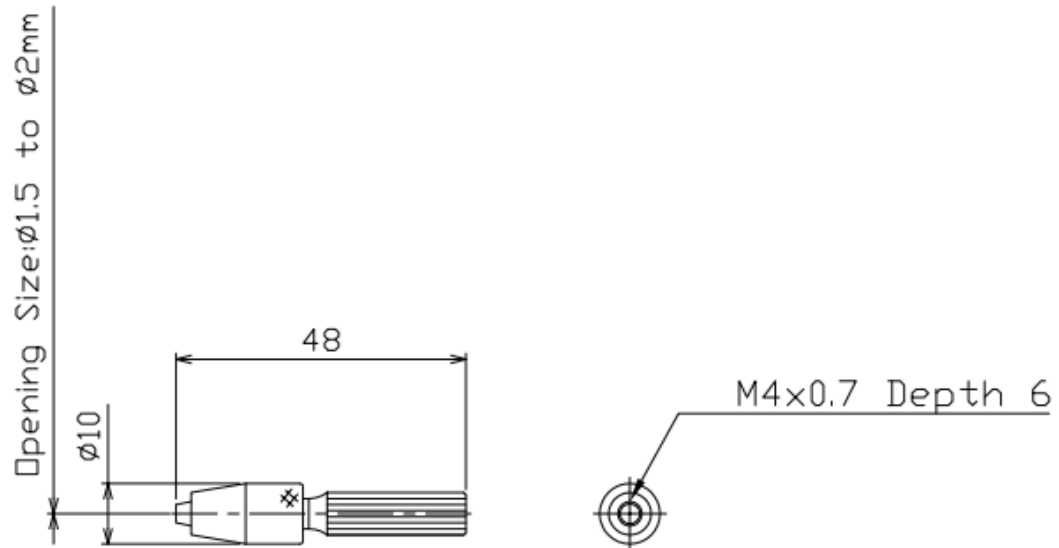
Weight: Approx. 14g

DIMENSION		TOLERANCE	APPROVED	UNITS	PARTS NAME
TO 6		±0.1	Toshi	mm	Pin Grip (M4) 1.0
OVER 6 TO 30		±0.2			
OVER 30 TO 120		±0.3			
OVER 120 TO 400		±0.5			
OVER 400 TO 1000		±0.8	CHECKED	MATERIAL	FG-M4PIN1
OVER 1000 TO 2000		±1.2	MO	-	
OVER 2000 TO 4000		±2.0	DRAWN	QUANTITY	
			Kei	1	
HEAT TREATMENT / HARDNESS				SCALE	CODE
				1 : 1	
SURFACE TREATMENT			DATE 02/02/2016		EJ450054-1
			NIDEC-SHIMPO AMERICA CORP Itasca, IL 60143, USA Tel: (630)924-7138		
					DRAWING NO. BGBM038

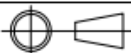


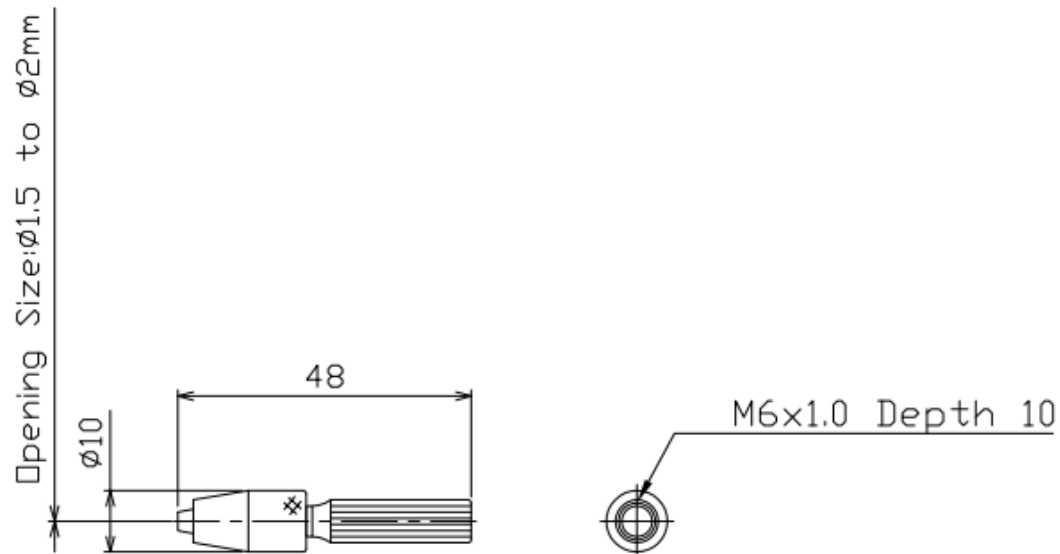
Weight: Approx. 14g

DIMENSION	TOLERANCE	APPROVED	UNITS	PARTS NAME
TO 6	±0.1	Toshi	mm	Pin Grip (M6) 1.0
OVER 6 TO 30	±0.2	CHECKED	MATERIAL	
OVER 30 TO 120	±0.3	MO	-	MODEL
OVER 120 TO 400	±0.5	DRAWN	QUANTITY	
OVER 400 TO 1000	±0.8	Kei	1	FG-M6PIN1
OVER 1000 TO 2000	±1.2		SCALE	CODE
OVER 2000 TO 4000	±2.0		1 : 1	
HEAT TREATMENT / HARDNESS		DATE 02/02/2016		EJ450055-1
SURFACE TREATMENT		<b>NIDEC-SHIMPO AMERICA CORP</b> Itasca, IL 60143, USA Tel: (630)924-7138		DRAWING NO.
				BGBM041

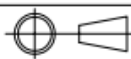


Weight: Approx. 14g

DIMENSION		TOLERANCE	APPROVED	UNITS	PARTS NAME
TO 6		±0.1	Toshi	mm	
OVER 6 TO 30		±0.2	CHECKED	MATERIAL	Pin Grip (M4) 2.0
OVER 30 TO 120		±0.3	MO	-	
OVER 120 TO 400		±0.5	DRAWN	QUANTITY	MODEL
OVER 400 TO 1000		±0.8	Kei	1	FG-M4PIN2
OVER 1000 TO 2000		±1.2		SCALE	CODE
OVER 2000 TO 4000		±2.0		1 : 1	EJ450054-1
HEAT TREATMENT / HARDNESS			DATE 02/02/2016		DRAWING NO.
SURFACE TREATMENT			NIDEC-SHIMPO AMERICA CORP Itasca, IL 60143, USA Tel: (630)924-7138		



Weight: Approx. 14g

DIMENSION		TOLERANCE	APPROVED	UNITS	PARTS NAME
TO 6		±0.1	Toshi	mm	Pin Grip (M6) 2.0
OVER 6 TO 30	±0.2				
OVER 30 TO 120	±0.3				
OVER 120 TO 400	±0.5				
OVER 400 TO 1000	±0.8		CHECKED	MATERIAL	
OVER 1000 TO 2000	±1.2		MO	-	
OVER 2000 TO 4000	±2.0		DRAWN	QUANTITY	MODEL
HEAT TREATMENT / HARDNESS				SCALE	FG-M6PIN2
SURFACE TREATMENT				1 : 1	CODE
			DATE	02/02/2016	EJ450055-1
			NIDEC-SHIMPO AMERICA CORP Itasca, IL 60143, USA Tel: (630)924-7138		DRAWING NO.
					BGBM042