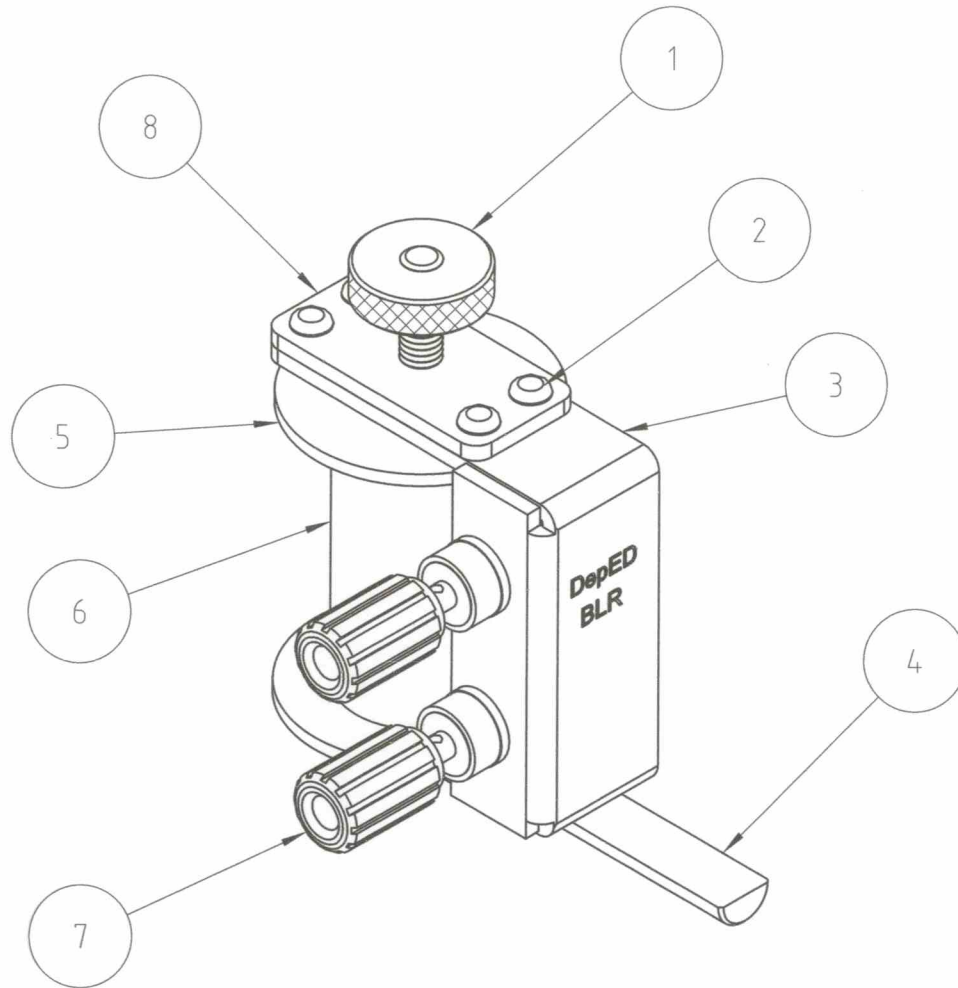


BATCH "B"



Item	Description	Qty.
1	Nut Handle	1 pc.
2	Blind Rivet	8 pcs.
3	Outer Frame	1 pc.
4	Extension Rod	1 pc.
5	Inner Frame	1 pc.
6	Winding with Wax Paper Cover	1 pc.
7	Binding Post	2 pcs.
8	Reinforced Plate	1 pc.

Note: This Solenoid must have a magnetic holding capacity of 250 grams (minimum) using a zinc-plated mass as testing specimen. During the test, the battery in the Synchro Box must be new.

GOVERNMENT PROPERTY

Date	SEPT 2021	Scale	NTS	FREE-FALL APPARATUS	
Conceptualized by					
Drawn by	B.C. Lisondra	Q.C. Checked by	J.N. Ariola	SOLENOID ASSEMBLY	01
Designed by				Material	File name solenoid assy
Recommended by	A.B. Ybanez			 <b>DepED-BLR</b>	
Approved by	R. C. La Rosa				

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		$\pm 0.10$	$\pm 0.10$	$\pm 0.20$	$\pm 0.30$	$\pm 0.50$

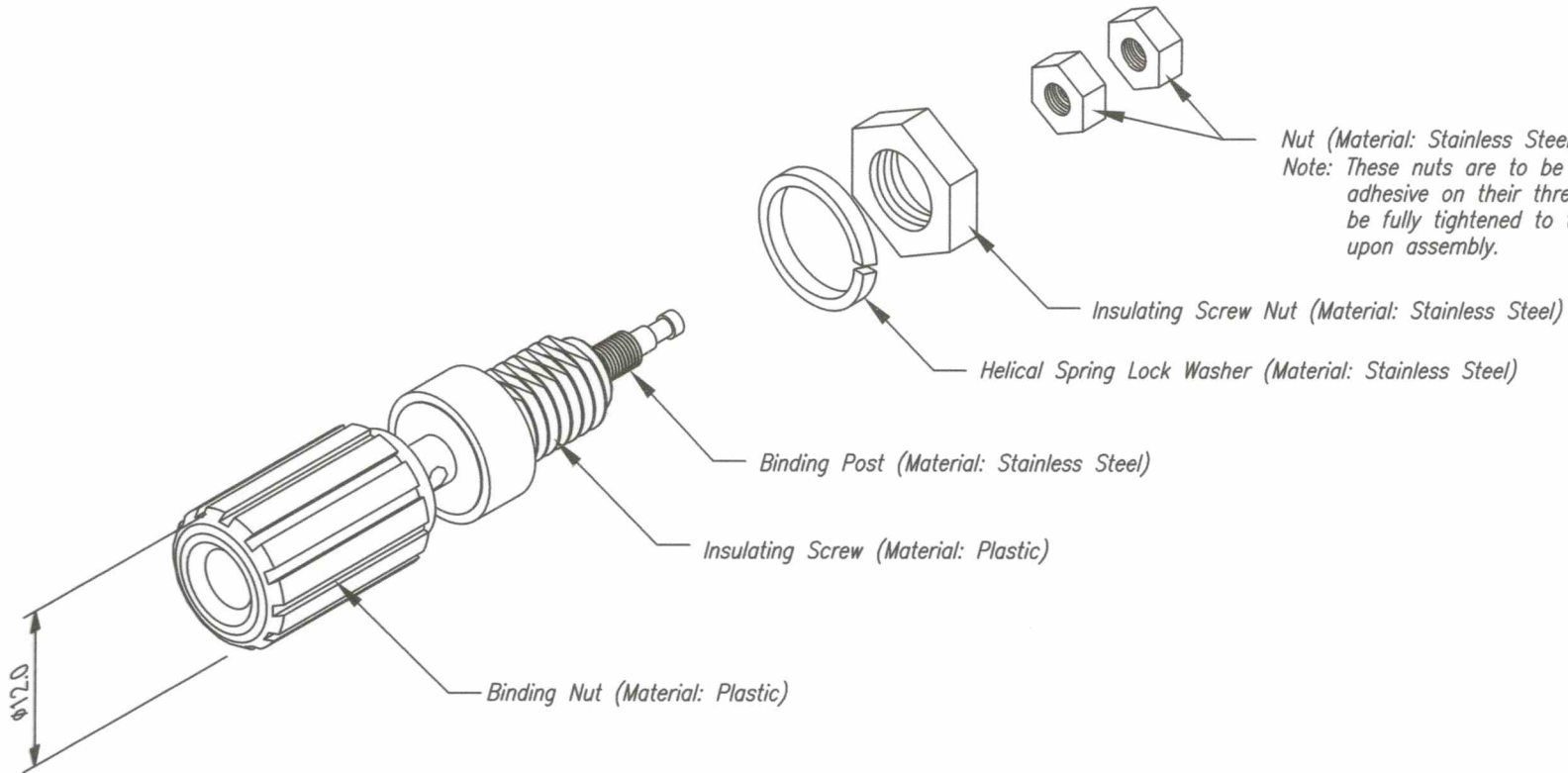
  

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		$\pm 0.20$	$\pm 0.50$	$\pm 1.00$	$\pm 2.00$
Medium					

SYM	REVISION	DATE	BY

BATCH B



Nut (Material: Stainless Steel)

Note: These nuts are to be provided with adhesive on their threads and are to be fully tightened to the binding post upon assembly.

Insulating Screw Nut (Material: Stainless Steel)

Helical Spring Lock Washer (Material: Stainless Steel)

Binding Post (Material: Stainless Steel)

Insulating Screw (Material: Plastic)

Binding Nut (Material: Plastic)

φ12.0

GOVERNMENT PROPERTY

Date	SEPT 2021	Scale	NTS	FREE-FALL APPARATUS	
Conceptualized by					
Drawn by	B.C. Lisondra	Checked by	J.N. Arioja	Material	(Market Item)
Designed by				Sheet	08
Recommended by	A.B. Ybañez	Approved by	R. C. La Rosa	File name	solenoid binding post



DepED-BLR

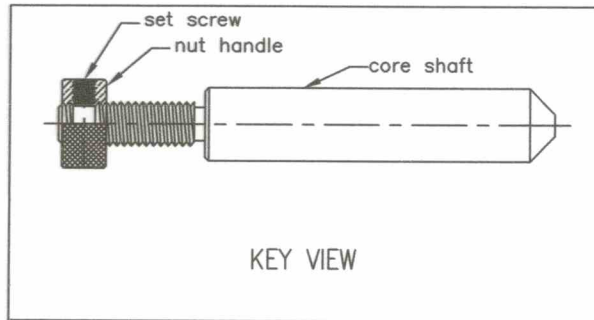
TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

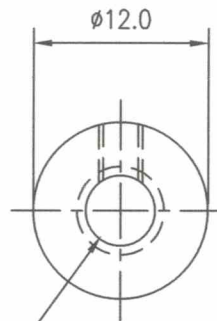
TOLERANCES FOR RADIUS & CHAMFERS						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	
Smooth		± 0.20	± 0.50	± 1.00	± 2.00	
Medium						

SYM	REVISION	DATE	BY

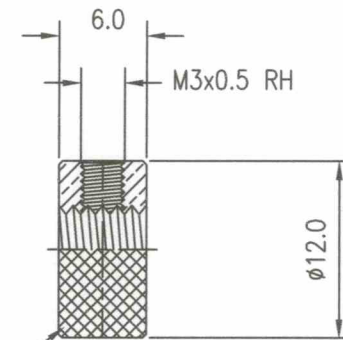
BATCH "B"



KEY VIEW



FRONT VIEW



SIDE VIEW  
HALF-SECTION

M6 x 1 RH

0.8mm pitch  
diamond knurl

- \* Dimensions are in millimeters except otherwise specified.
- \* File all sharp edges.
- \* Surface Roughness @ 1.00 to 1.20  $\mu\text{m}$

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		$\pm 0.10$	$\pm 0.10$	$\pm 0.20$	$\pm 0.30$	$\pm 0.50$

TOLERANCES FOR RADIUS & CHAMFERS						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	
Smooth		$\pm 0.20$	$\pm 0.50$	$\pm 1.00$	$\pm 2.00$	
Medium						

SYM REVISION DATE BY

Date	SEPT 2021	Scale	NTS	FREE-FALL APPARATUS	
Conceptualized by					
Drawn by	B.C. Lisondra	Item Name	SOLENOID CORE SHAFT-NUT HANDLE		Sheet
Designed by	J.C. [Signature]	Checked by	J.N. [Signature]	Material	Brass, SAE 73 or its equivalent
Recommended by	A.B. Ybañez	File name	solenoid nut handle		
Approved by	R. C. La Rosa			<p>DepED-BLR</p>	