Hardware

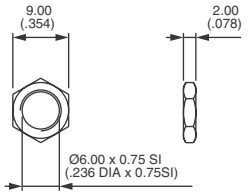
For miniature switches

- Standard hardware is automatically supplied with the switches
- Non standard hardware is to be ordered separately

Hardware supplied with sealing options :
- K version : 2 hex nuts + sealing washer
- X408 option : 1 hex nut + 1 O-ring

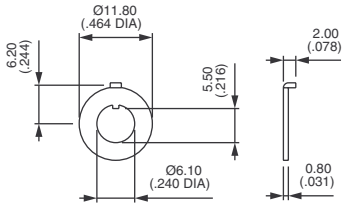
STANDARD HARDWARE FOR SWITCHES Ø 6 (.236) - 5000 SERIES

HEX NUT



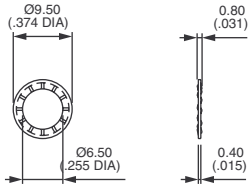
Nickel plated **U208**
Matt black **U726**

LOCKING RING



Nickel plated **U198**
Matt black **U728**

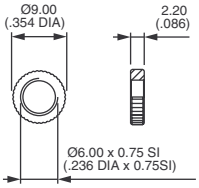
LOCKWASHER



Stainless steel **U215**

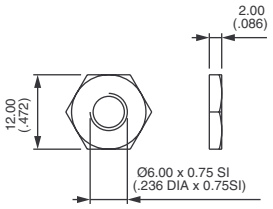
NON STANDARD HARDWARE FOR SWITCHES Ø 6 (.236) - 5000 SERIES

KNURLED NUT



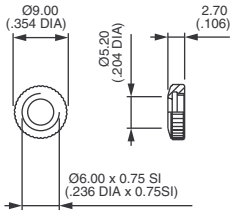
Chrome plated **U826**

SPECIAL NUT 12 (.472) ACROSS FLATS

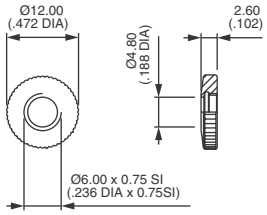


Chrome plated **U1916**

KNURLED CAP NUTS



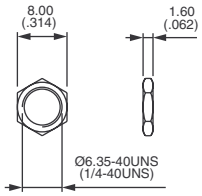
Chrome plated **U461**
Matt black **U502**



Chrome plated **U232**

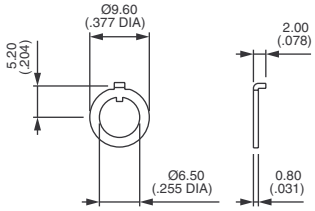
STANDARD HARDWARE FOR SWITCHES Ø 6,35 (1/4) - ALL SERIES

HEX NUT



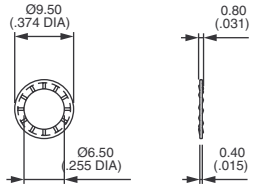
Nickel plated **U76**
Matt black **U94**

LOCKING RING



Nickel plated **U78**
Matt black **U93**

LOCKWASHER



Stainless steel **U215**

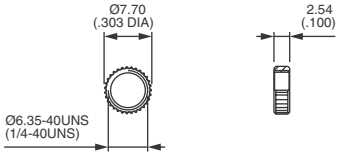
	HARDWARE SUPPLIED (unsealed types)		
SERIES	HEX NUT	LOCKING RING	LOCKWASHER
SF	2	1	1
11000	2	1	1
13000	2	1	1
18000-8000-SP	2	1	1
21000N	2	-	-
5000	2	1	1
9400-9600	2	-	1

Hardware

For miniature switches

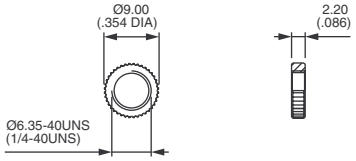
NON STANDARD HARDWARE FOR SWITCHES Ø 6,35 (1/4) - ALL SERIES

KNURLED NUT



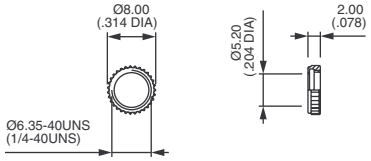
Nickel plated **U369**

KNURLED NUT



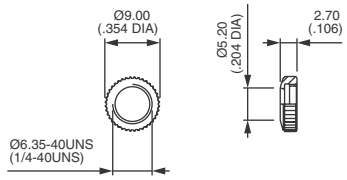
Nickel plated **U229**
Matt black **U230**

KNURLED NUT



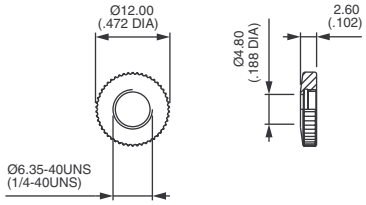
Chrome plated **U501**

KNURLED CAP NUT



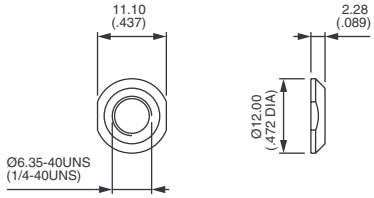
Chrome plated **U216**
Matt black **U218**

KNURLED CAP NUT



Chrome plated **U268**
Matt black **U725**

DRESS NUT

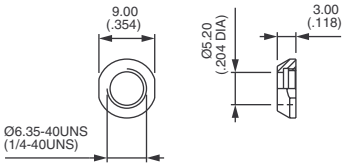


Nickel plated **U443**
Matt black **U848**

* U216 and U268 : consult factory for mounting on 11000 three and four pole, and 5000 locking lever models.

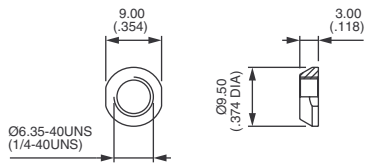
OTHER HARDWARE FOR SWITCHES Ø 6,35 (1/4) - ALL SERIES

CONIC CAP NUT



Nickel plated **U500**

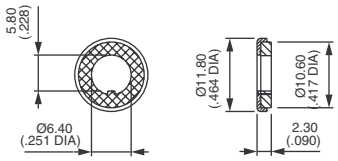
CONIC NUT



Chrome plated **U542**
Nickel plated **U561**

SEALING WASHER

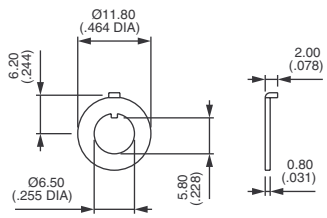
for keyway bushing



U360

SPECIAL LOCKING RING

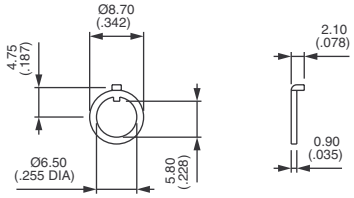
Spacing 6,2 mm (.244)



Nickel plated **U368**

SPECIAL LOCKING RING

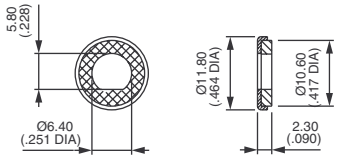
Spacing 4,75 mm (.187)



Nickel plated **U409**

SEALING WASHER

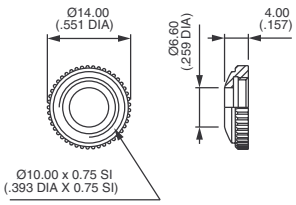
for flatted bushing



U5141

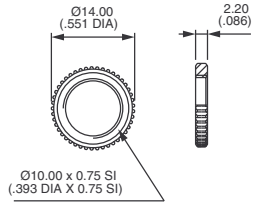
STANDARD HARDWARE FOR SWITCHES Ø 10 (.393) - 10400 AND 10600 SERIES

KNURLED CAP NUT (std for10600)



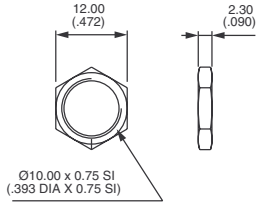
Chrome plated **U2220**

KNURLED NUT (std for 10400)



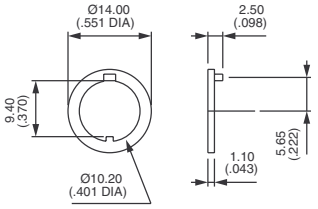
Chrome plated **U2311**

HEX NUT



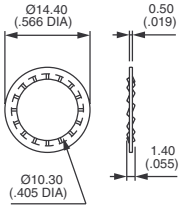
Nickel plated **U842**

LOCKING RING



Nickel plated **U844**

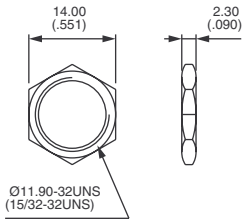
LOCKWASHER



Stainless steel **U843**

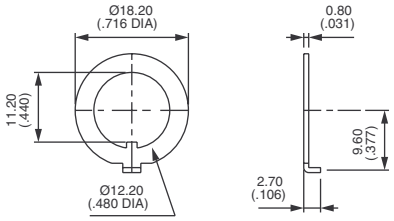
STANDARD HARDWARE FOR SWITCHES Ø 11,9 (15/32) - 12000, 13000X768 AND 5600M SERIES

HEX NUT



Nickel plated **U162**
Matt black **U41**

LOCKING RING

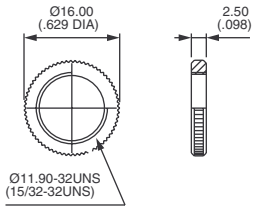


Nickel plated **U121**
Matt black **U12**

SERIES	HARDWARE SUPPLIED	
	HEX NUT	LOCKING RING
12000	2	1
13000X768	1	-
5600M	2	1
8000X718	2	1

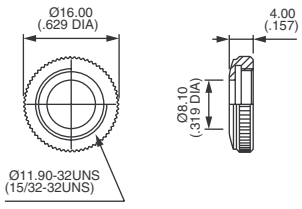
NON STANDARD HARDWARE FOR SWITCHES Ø 11,9 (15/32) - 12000, 13000X768 AND 5600M SERIES

KNURLED NUT

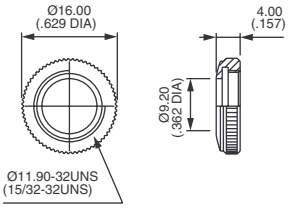


Nickel plated **U53**
Matt black **U1634**

KNURLED CAP NUTS

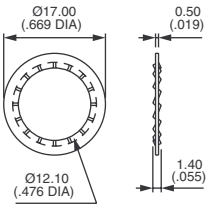


Chrome plated **U124**



Chrome plated **U123**

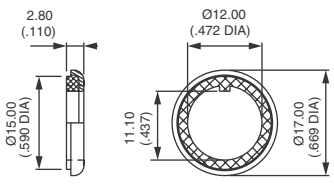
LOCKWASHER



Zinc plated **U13**

OTHER HARDWARE

SEALING WASHER



U60

WRENCHES



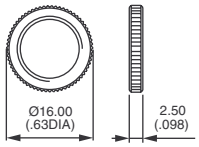
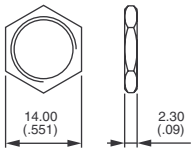
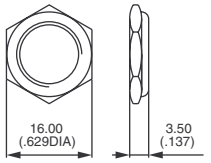
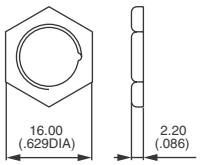
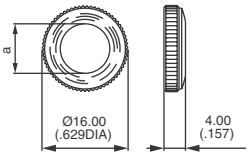
Wrenches are available for some accessories. Consult factory.

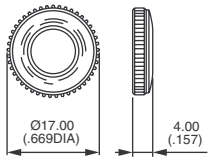
Hardware

For industrial switches

- Standard hardware is indicated by darkened boxes.
  For details of hardware supplied, please refer to beginning of each series.
- Special hardware is to be ordered separately.

⚠ Hardware supplied with **K** sealing option : 2 hex nuts.

NUTS	Bushing Ø 11,9 (15/32) thread 0,794-32UNS Series 3500 - 6000			Bushing Ø 12 (.472) thread 0,75 Series IB/IS - IP - 660 - 600H - 600NH 1000 - 1200 - 1500 - 1600 - 1700 - 3600 - 4000		
	Chrome plated brass	Nickel plated brass	Matt black brass	Chrome plated brass	Nickel plated brass	Matt black brass
		**U53**		**U412**	**U411**	**U413**
	**U92**	**U162**	**U41**	**U212**	**U166**	**U183**
 Hex cap nut				**U35**		
 PAL nut					**U42** (passive zinc plated steel)	
 Knurled cap nut	**U123**			**U117** a = 8,5 (.334) **U118** a = 10,3 (.405)		**U129** a = 8,5 (.334) **U130** a = 10,3 (.405)

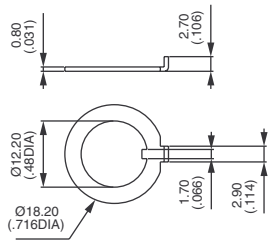
INSULATED NUT U520									
 ABS or polyamide with glass fibre	**For threaded bushing Ø 12 (.472) x 0,75 IS** Series 1500 - 4000 - 600NH - 6-600NH								
	Blue	Black	Green	Grey	Yellow	Red	White	Chrome plated	Orange
	U521	**U522**	**U523**	**U524**	**U525**	**U526**	**U527/1**	**U528**	**U529**

The locking ring U121 (nickel plated) or U12 (matt black) is only provided with tropicalized switches version T or G and with series 3500 - 6000.

The lockwasher U13 must be ordered separately, except for series 660, 3500 and 6000.

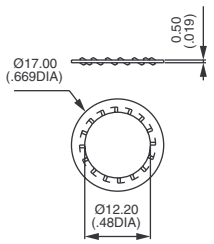
HARDWARE FOR SWITCHES Ø 12 (.472) AND 11,9 (15/32)

LOCKING RING



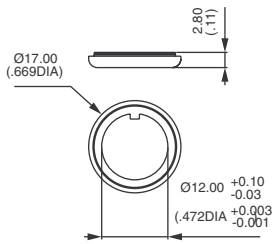
Nickel plated **U121**
Matt black **U12**

LOCKWASHER



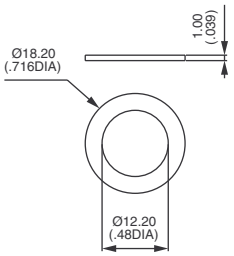
Zinc plated **U13**

SEALING WASHER



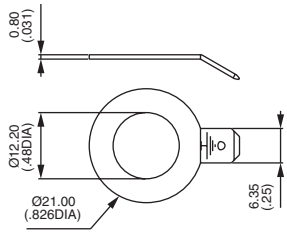
Stainless steel and neoprene **U60**

SEALING WASHER FOR BOOTS



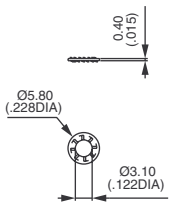
Nylon **U21**

GROUND CONNECTOR



Nickel plated **U187**

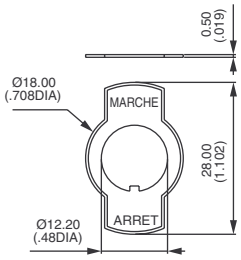
LOCKWASHER



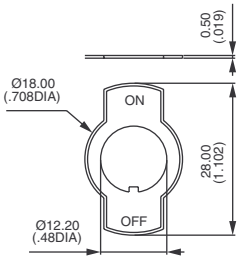
U14

PLATES FOR SWITCHES Ø 12 (.472) AND 11,9 (15/32)

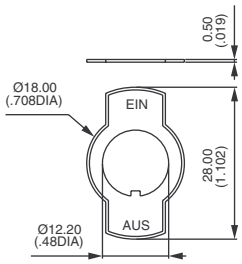
Marche - arrêt	ON - OFF	EIN - AUS	I - 0



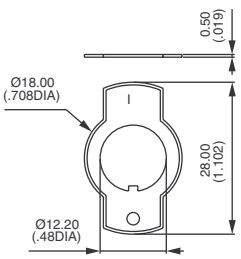
U17



U19



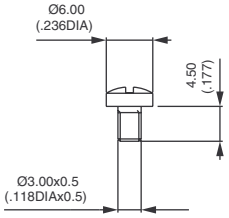
U99



U1050

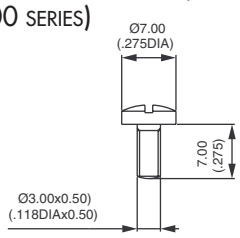
SCREWS (supplied with the switches)

CONNECTING SCREW



U03

MOUNTING SCREW Ø 3 (.118)
(6000 SERIES)



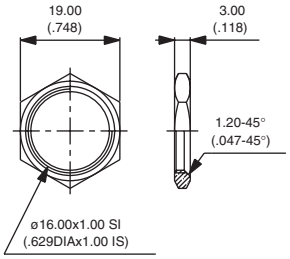
Nickel plated **U164**
Chrome plated **U165**
Matt black **U45**

Hardware

For industrial switches

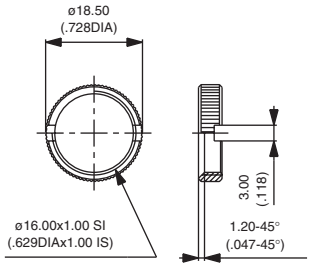
HARDWARE FOR AV SERIES (ANTI-VANDAL AND SECURITY PUSHBUTTON SWITCHES)

HEX NUT FOR MODELS Ø 16 (.629)



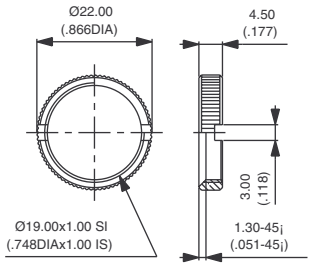
10-621 (sealed or unsealed models)

KNURLED NUT FOR MODELS Ø 16 (.629)



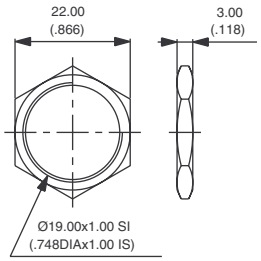
10-960-5 (sealed or unsealed models)

KNURLED NUT FOR MODELS Ø 19 (.748)

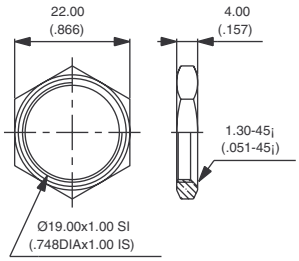


U1977-5 (sealed or unsealed models)

HEX NUTS FOR MODELS Ø 19 (.748)



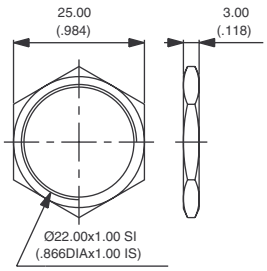
U1950-5 (unsealed models)



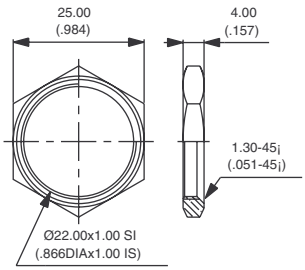
10-855-5 (sealed models)

Wrench for nut U1977-5 available under part number **U1929**.

HEX NUTS FOR MODELS Ø 22 (.866)

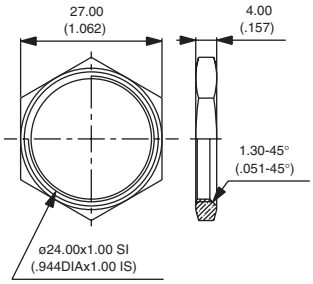


U1951-5 (unsealed models)



10-856-5 (sealed models)

HEX NUT FOR MODELS Ø 24 (.944)



U2059-5 (sealed or unsealed models)

All above nuts are made of nickel plated brass.
For switches with front panel sealing (option K), a neoprene O-ring is supplied with each nut.