

Product Range



Keylock Switches

■ **Medium Security Keylock Switches:**
2SWK, SKF Series

■ **High Security Keylock Switches:**
SWK Series

Main features:

- SPST type - 5 disc tumbler versions
- SPST type - 8 disc tumbler versions
- DPDT type - 4 disc tumbler versions
- All keylocks are supplied with 2 brass keys on a ring



2SWK 13/23 Series, Medium Securitypage J2



SKF Series, Medium Securitypage J4



SWK 12 Series, High Securitypage J6



SKT Series, 2 Positionpage J8

2SWK 13/23 Series, Medium Security

Features

- SPST type - 5 disc tumblers
- All keylocks are supplied with 2 brass keys on a ring



Typical performance characteristics

Contact timing non-shortting
Contact rating 1 A @ 120 VAC resistive
Electrical life up to 10,000 cycles
Contact resistance, initial 50 mOhms max.
Plunger/actuator travel 90°
Key changes 25 standard

Material specifications

Contacts silver
Cylinder material zinc alloy
Lock body zinc alloy
Key material brass
Terminals/fixed contacts screw type
Beveled frame finish 302 stainless steel
RoHS Directive 2002/95/EC compliant

Product key					Typical product key	2SWK	131	AL101
Type								
2SWK Medium security key switch								
Action and key removal								
	position 1	position 2		remove key pos.				
131	OFF	ON		pos. 1				
132	OFF	ON		pos. 1 or pos. 2				
133	ON	OFF		pos. 1				
231	OFF	(ON)		pos. 1				
233	ON	(OFF)		pos. 1				
Key coding								
AL101	AL102	AL103	AL104	AL105				

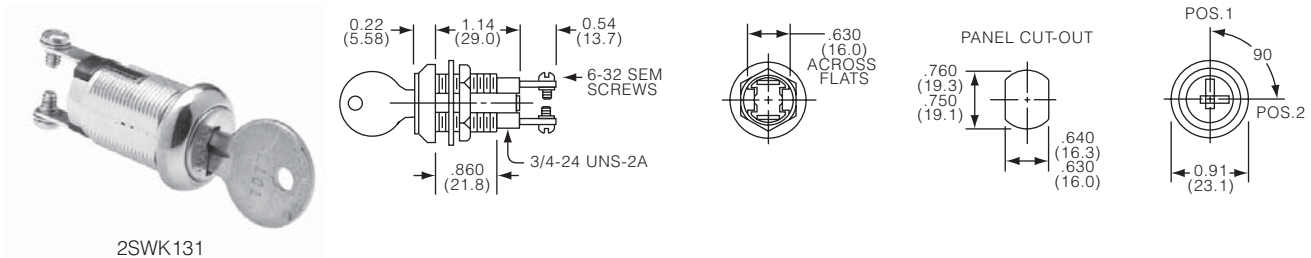
Note: (On) or (Off) = Indicates momentary position

2SWK 13/23 Series, Medium Security (Continued)

Action and key position



Codes 131 - 233



Product key	Pos 1	Pos2	Remove key	Key coding	Part Number
2SWK131AL101	Off	On	Position 1	AL101	1-1437597-7
2SWK131AL102				AL102	1-1437597-8
2SWK131AL103				AL103	1-1437597-9
2SWK131AL104				AL104	2-1437597-0
2SWK131AL105				AL105	2-1437597-1
2SWK132AL101			Position 1 or 2	AL101	2-1437597-3
2SWK132AL102				AL102	2-1437597-4
2SWK132AL103				AL103	2-1437597-5
2SWK133AL104	On	Off	Position 1	AL104	2-1437597-6
2SWK231AL101	Off	(On)		AL101	2-1437597-7
2SWK231AL102				AL102	2-1437597-8
2SWK231AL103				AL103	2-1437597-9
2SWK231AL104				AL104	3-1437597-0
2SWK231AL105				AL105	3-1437597-1
2SWK233AL101	On	(Off)		AL101	3-1437597-2
2SWK1323AL101	spare key			AL101	4-1437597-3
2SWK1323AL102	spare key			AL102	2-1437597-2

SKF Series, Medium Security

Features

- SPST type - 4 disc tumblers
- All keylocks are supplied with 2 brass keys on a ring



Typical performance characteristics

Contact timing non-shorting
Contact rating 1 A @ 120 VAC resistive
Electrical life 10,000 cycles
Contact resistance, initial 50 mOhms max.
Actuator travel 90°
Key changes 10 standard

Environmental specification

Operating temperature -30°C to +85°C
Storage temperature -30°C to +85°C

Material specifications

Contacts silver
Cylinder material zinc alloy
Lock body zinc alloy
Key material brass
Terminals/fixed contacts screw type
Beveled frame finish brushed chrome
RoHS Directive 2002/95/EC compliant

Product key				Typical product key	2SKF	131	AEL01
Type							
2SKF				Medium security key switch			
Action and key removal							
	position 1	position 2		remove key pos.			
131	OFF	ON		pos. 1			
132	OFF	ON		pos. 1 or pos. 2			
133	ON	OFF		pos. 1			
231	OFF	(ON)		pos. 1			
Key coding							
AEL01	AEL03	AEL05	AEL08				
AEL02	AEL04	AEL06					

Note: (On) or (Off) = Indicates momentary position

SKF Series, Medium Security (Continued)

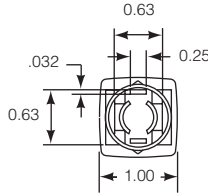
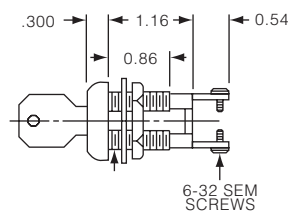
Action and key position



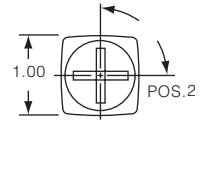
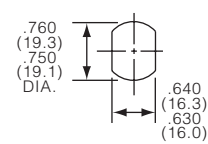
Codes 131 - 231



SKF131



PANEL CUT-OUT



Product key	Pos 1	Pos2	Remove key	Key coding	Part Number
2SKF131AEL01	Off	On	Position 1	AEL01	1437597-1
2SKF131AEL02				AEL02	1437597-2
2SKF131AEL03				AEL03	1437597-3
2SKF131AEL04				AEL04	1437597-4
2SKF131AEL06				AEL06	1437597-5
2SKF131AEL08				AEL08	1437597-6
2SKF132AEL01			Position 1 or 2	AEL01	1437597-7
2SKF132AEL02				AEL02	1437597-8
2SKF132AEL04				AEL04	1437597-9
2SKF133AEL01	On	Off	Position 1	AEL01	1-1437597-0
2SKF231AEL01	Off	(On)		AEL01	1-1437597-1
2SKF231AEL02				AEL02	1-1437597-2
2SKF231AEL03				AEL03	1-1437597-3
2SKF231AEL05				AEL05	1-1437597-4
2SKF231AEL06				AEL06	1-1437597-5
2SKF231AEL08				AEL08	1-1437597-6
SK1323AEL01	spare key			AEL01	3-1437597-4

SWK 12 Series, High Security

Features

- SPST type - 8 disc tumblers
- All keylocks are supplied with 2 brass keys on a ring



Typical performance characteristics

Contact timing non-shortting
Contact rating 5 A @ 115 VAC, 15 A @ 24 VDC resistive
Electrical life 20,000 cycles
Contact resistance, initial 50 mOhms max.
Dielectric strength 1,000 VAC @ sea level
Actuator travel 90°
Key changes 10 standard

Environmental specification

Operating temperature -30°C to +85°C
Storage temperature -30°C to +85°C

Material specifications

Contacts silver
Cylinder material zinc alloy
Lock body zinc alloy
Key material brass
Terminals/fixed contacts screw Type
Beveled frame finish polished chrome
RoHS Directive 2002/95/EC compliant

Product key

Typical product key

SWK12
F
315

Type

SWK12

High security key switch

Action and key removal

	position 1	position 2	remove key pos.
F	ON	OFF	pos. 1
1F	ON	OFF	pos. 1 or pos. 2
3F	ON	OFF	pos. 2

Key coding

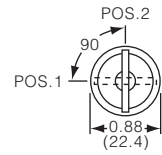
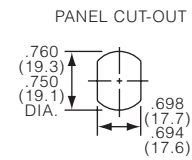
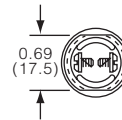
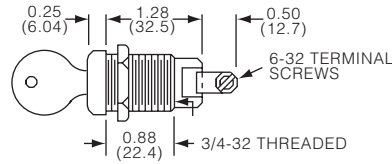
309
311
315
320

SWK 12 Series, High Security (Continued)

Action and key position



Codes F, 1F, 3F



Product key	Pos 1	Pos2	Remove key	Key coding	Part Number
SWK121F311	On	Off	Position 1 or 2	311	3-1437597-5
SWK121F315				315	3-1437597-6
SWK121F320				320	3-1437597-7
SWK123F315			Position 2	315	3-1437597-8
SWK12F309			Position 1	309	3-1437597-9
SWK12F315				315	4-1437597-0
SWK12F320				320	4-1437597-1
SWK12KF315	spare key			315	4-1437597-2

SKT Series, 2 Position

Features

- All keylocks are supplied with 2 brass keys on a ring
- SPDT and DPDT types - 4 disc tumblers



Typical performance characteristics

Contact timing non-shorting
Contact rating gold: 0.4 VA max. @ 20 VDC or peak AC
..... silver: 3 A @ 125 VAC or 28 VDC resistive
Contact resistance, initial 20 mOhms max.
Insulation resistance 1,000 MOhms @ 500 VDC min.
Dielectric strength 1,000 volts @ sea level
Actuator travel 80°

Environmental specification

Operating temperature -30°C to +85°C
Storage temperature -30°C to +85°C
Solder heat resistance 40 watt iron: 260°C to 316°C for 3 to 5 sec max.
..... 30 watt iron: 260°C for 10 sec max.

Material specifications

Contacts gold or silver
Cylinder material zinc alloy
Lock body zinc alloy
Key material brass
Terminals/fixed contacts tin lead plate
Terminal seal epoxy on single pole only
RoHS Directive 2002/95/EC NOT compliant

Product key				Typical product key			
				SKT	1	31	AEL01
Type							
SKT				2 Position Key Switch			
Switch configuration							
1				3			
SPDT				DPDT			
Action and key removal							
position 1				position 2			
31				ON			
32				ON			
remove key pos.				pos. 1			
				pos. 1 or pos. 2			
Contacts							
blank				silver			
G				gold			
Key coding							
AEL01				AEL02			

SKT Series, 2 Position (Continued)

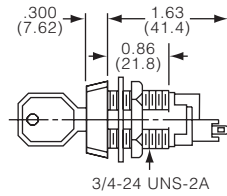
Action and key position



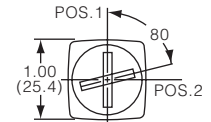
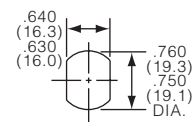
Codes 31 - 32



SKT131



PANEL CUT-OUT



Product key	Switch type	Pos 1	Pos2	Remove key	Contacts	Key coding	Part Number
SKT131AEL01	SPDT	On	On	Position 1	Silver	AEL01	1437598-4
SKT131GAEL01					Gold		1437598-5
SKT131GAEL02						AEL02	1437598-6
SKT132AEL01					Pos. 1 or 2	Silver	AEL01
SKT132GAEL01	DPDT				Gold		1437598-8
SKT331AEL01				Position 1	Silver		1437598-9
SKT331GAEL01					Gold		1-1437598-0
SKT332AEL01				Pos. 1 or 2	Silver		1-1437598-1
SKT332GAEL01					Gold		1-1437598-3
SK1323AEL01	spare key					AEL01	3-1437597-4

Product Range



Knobs

- **Machined aluminum knobs:** K Series
- **Molded phenolic knobs:** P Series
- **Knob accessories**

- Main features:**
- Many different designs
 - With or without indicator lines and numbers
 - Supplied with set screw (anti-vibration feature)
 - Shaft hole size adaptors available

	K Series, Machined Aluminumpage K2
	P Series, Molded Phenolicpage K12
	Knob Accessoriespage K21

K Series, Machined Aluminum

Features

- Supplied with Loctite® set-screw (anti-vibration feature)
- With and without indicator line and numbers
- Shaft hole size adaptors available



Typical performance characteristics

Materials machined aluminum
Set-screw steel
Finish natural aluminum, or anodizing black
Adapters brass, with nickel finish
RoHS Directive 2002/95/EC compliant

Product key		Typical product key		K	S	900	B	1/4
Knob Material								
K	machined aluminum							
Type								
blank	3 flute design with and without indicator line							
A	6 flute design with indicator line							
AS	6 flute design with skirt and indicator lines							
B	control knob with straight knurl and top line indicator							
BS	control know with straight knurl and skirt							
CB	control knob with sawcut indicator							
D	diamond knurl with indicator line							
E	knurl grip with dot indicator							
ES	knurl grip with dot indicator on skirt							
FS	straight knurl with indicator on skirt							
HF	plain body with top and side sawcut indicator							
LN	straight knurl with top and side indicator							
LNS	straight knurl with indicator line on top, side and skirt							
N	straight knurl, with or without spinner, concentric set							
NS	straight knurl with arrowhead indicator on skirt							
PN	straight knurl with pointer and indicator line							
S	3 flute design with skirt and indicator line							
T	square serration with indicator line							
U	serrated diamond trim cut with dot indicator							
US	serrated diamond trim cut with dott indicator and skirt							
Reference diameter								
Series Aluminum								
400	501	700	900	1251				
500	600	701	1250	1755				
Finish								
A	natural aluminum	B	black					
Shaft diameter								
1/8	.126 (3.20mm)	1/4	.251 (6.37mm)					

Note: Product key for reference only, not all combinations are available.

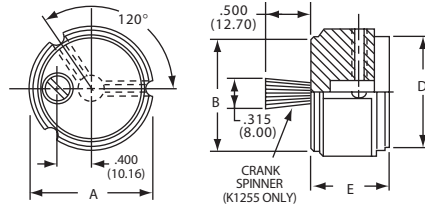
K Series, Machined Aluminum (Continued)

K series



K700B1/4

3 flute design with and without indicator line



Product key	Version	Color	Dim A	Dim B	Dim D	Dim E	Part Number
K500A1/8	with	natural	12.7 (.500)	10.9 (.430)	10.9 (.430)	15.9 (.625)	1437621-7
K500A1/4	indicator						1437621-6
K500B1/8	line	black					1437621-9
K500B1/4							1437621-8
K700A1/4		natural	18.8 (.740)	16.6 (.655)	16.6 (.655)		1-1437621-0
K700B1/4		black					1-1437621-1
K900A1/4		natural	23.8 (.937)	20.8 (.817)	20.8 (.817)		1-1437621-3
K900B1/4		black					1-1437621-4
K1250A1/4		natural	31.8 (1.25)	28.2 (1.11)	28.2 (1.11)	19.1 (.750)	1437621-2
K1250B1/4		black					1437621-3
K1251B1/4	no indicator						1437621-4
K1255BS1/4	crank spinner*						1437621-5

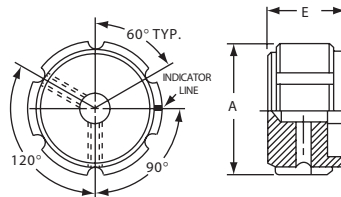
* with crank spinner, without indicator

KA series



KA500A1/4

6 flute design with indicator line



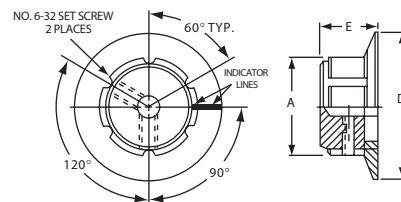
Product key	Version	Color	Dim A	Dim E	Part Number
KA500A1/8	with	natural	12.7 (.500)	15.9 (.625)	2-1437621-0
KA500A1/4	indicator	natural			1-1437621-9
KA500B1/8	line	black			2-1437621-2
KA500B1/4		black			2-1437621-1
KA700A1/4		natural	19.1 (.750)		2-1437621-3
KA700B1/4		black			2-1437621-4
KA900A1/4		natural	28.8 (.937)		2-1437621-5
KA900B1/4		black			2-1437621-6
KA1250B1/4		black	31.8 (1.25)	19.1 (.750)	1-1437621-8

KAS series



KAS500B1/4

6 flute design with aluminum skirt and indicator lines



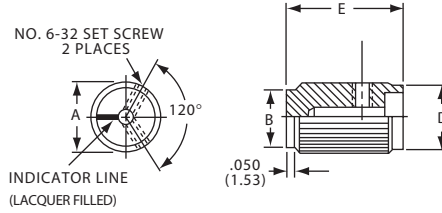
Product key	Version	Color	Dim A	Dim D	Dim E	Part Number
KAS500A1/8	with	natural	12.7 (.500)	18.8 (.740)	16.0 (.630)	2-1437621-8
KAS500A1/4	aluminum					2-1437621-7
KAS500B1/8	skirt	black				3-1437621-0
KAS500B1/4	and					2-1437621-9
KAS700A1/4	indicator	natural	19.1 (.750)	29.0 (1.14)		3-1437621-1
KAS700B1/4	lines	black				3-1437621-2
KAS900A1/4		natural	23.9 (.940)	35.6 (1.40)		3-1437621-3
KAS900B1/4		black				3-1437621-4

K Series, Machined Aluminum (Continued)

KB series



control knob with straight knurl and top line indicator

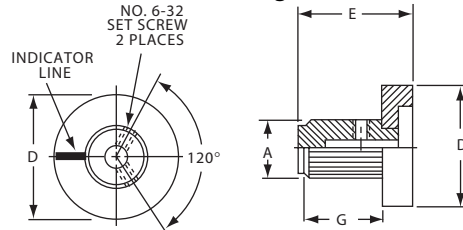


Product key	Color	Dim A	Dim B	Dim D	Dim E	Part Number
KB500A1/8	natural	12.7 (.500)	11.0 (.433)	12.0 (.472)	20.0 (.787)	3-1437621-6
KB500A1/4						3-1437621-5
KB500B1/8	black					3-1437621-9
KB500B1/4						3-1437621-8
KB700A1/4	natural	19.0 (.750)	17.1 (.673)	17.9 (.705)		4-1437621-0
KB700B1/4	black					4-1437621-2
KB900A1/4	natural	23.6 (.930)	22.0 (.866)	22.9 (.902)		4-1437621-4
KB900B1/4	black					4-1437621-5

KBS series



control knob with straight knurl and skirt

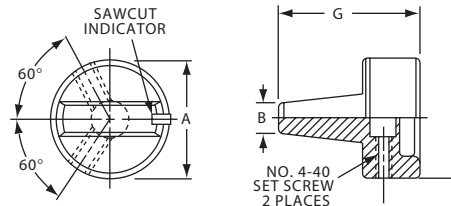


Product key	Version	Color	Dim A	Dim D	Dim E	Part Number
KBS500A101/8	with 0-9	natural	12.7 (.500)	25.4 (1.00)	24.1 (.950)	4-1437621-9
KBS500B101/8	numerals	black				5-1437621-3
KBS500B101/4		black				5-1437621-2
KBS500A1/8	with 0-9	natural				4-1437621-8
KBS500A1/4	indicator	natural				4-1437621-7
KBS500B1/8	line	black				5-1437621-1
KBS500B1/4		black				5-1437621-0

KCB series



control knob with sawcut indicator



Product key	Color	Dim A	Dim B	Dim D	Dim G	Part Number
KCB500A1/8	natural	12.7 (.500)	5.08 (.197)	3.20 (.126)	19.1 (.750)	5-1437621-7
KCB500A1/4				6.40 (.252)		5-1437621-6
KCB500B1/8	black			3.20 (.126)		5-1437621-9
KCB500B1/4				6.40 (.252)		5-1437621-8
KCB600A1/8	natural	15.7 (.618)		3.20 (.126)		6-1437621-0
KCB600B1/8	black					6-1437621-2
KCB600B1/4				6.40 (.252)		6-1437621-1
KCB700A1/4	natural	18.8 (.746)		6.35 (.250)	22.8 (.898)	6-1437621-3
KCB700B1/4	black					6-1437621-4
KCB900A1/4	natural	23.8 (.937)				6-1437621-5
KCB900B1/4	black					6-1437621-7

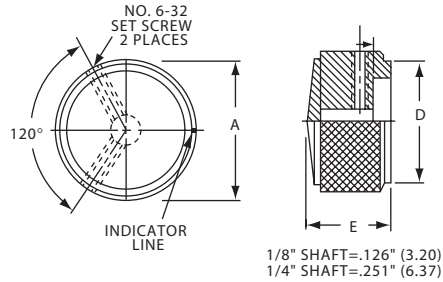
K Series, Machined Aluminum (Continued)

KD series



KD1250B1/4

diamond knurl with indicator line



Product key	Color	Dim A	Dim D	Dim E	Part Number
KD500A1/8	natural	12.7 (.500)	10.9 (.430)	16.0 (.630)	7-1437621-1
KD500A1/4					7-1437621-0
KD500B1/8	black				7-1437621-3
KD500B1/4					7-1437621-2
KD700A1/4	natural	19.1 (.750)	16.8 (.660)		7-1437621-4
KD700B1/4	black				7-1437621-5
KD900A1/4	natural	23.9 (.940)	20.8 (.820)		7-1437621-6
KD900B1/4	black				7-1437621-7
KD1250A1/4	natural	31.8 (1.25)	28.2 (1.11)	19.1 (.750)	6-1437621-8
KD1250B1/4	black				6-1437621-9

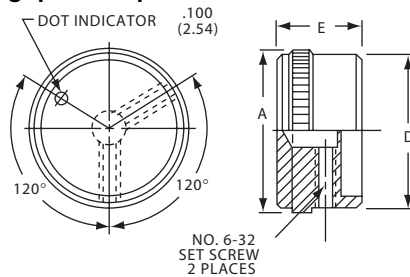
KE series



KE500AB1/4

KE900AB1/4

knurl grip with top dot indicator



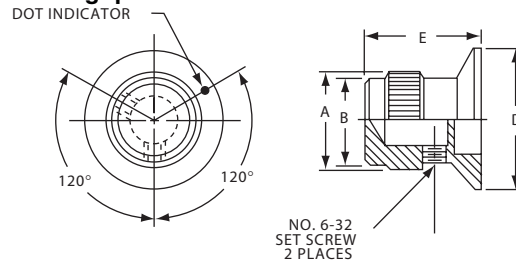
Product key	Color	Dim A	Dim D	Dim E	Part Number
KE500AB1/8	natural -	12.7 (.500)	11.7 (.460)	15.9 (.625)	8-1437621-0
KE500AB1/4	black				7-1437621-9
KE700AB1/4		18.8 (.740)	18.0 (.708)		8-1437621-1
KE900AB1/4		23.8 (.930)	22.9 (.900)		8-1437621-2
KE1250AB1/4		31.8 (1.25)	29.7 (1.17)		7-1437621-8

KES series



KES500AB1/4

knurl grip with dot indicator on skirt



Product key	Color	Dim A	Dim B	Dim D	Dim E	Part Number
KES500AB1/8	natural -	12.7 (.500)	11.7 (.460)	19.1 (.750)	15.9 (.625)	8-1437621-4
KES500AB1/4	black					8-1437621-3
KES700AB1/4		19.1 (.750)	18.1 (.710)	28.7 (1.13)		8-1437621-5

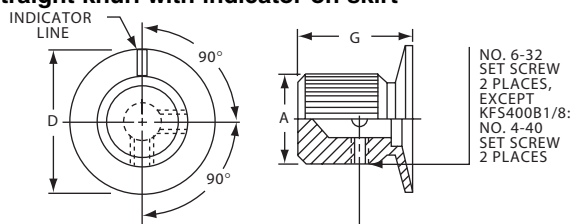
K Series, Machined Aluminum (Continued)

KFS series



KFS400B1/8

straight knurl with indicator on skirt



Product key	Color	Dim A	Dim D	Dim G	Part Number
KFS400B1/8	black matte	9.65 (.380)	12.7 (.500)	15.0 (.591)	8-1437621-6
KFS500B1/8		12.7 (.500)	16.0 (.630)	16.0 (.630)	8-1437621-8
KFS500B1/4		15.7 (.618)	25.4 (1.00)	20.6 (.811)	8-1437621-7
KFS600B1/4					8-1437621-9

KHF series

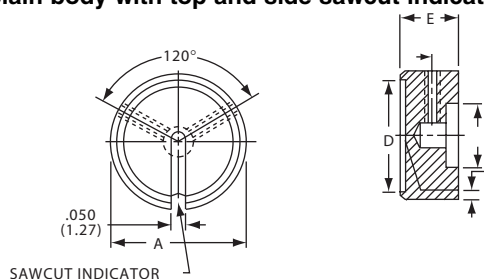


KHF500A1/4



KHF900A1/4

plain body with top and side sawcut indicator



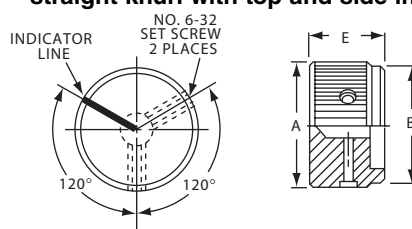
Product key	Color	Dim A	Dim E	Part Number
KHF500A1/4	natural	12.7 (.500)	14.3 (.563)	9-1437621-1
KHF700A1/4		18.8 (.740)		9-1437621-2
KHF900A1/4		23.8 (.937)		9-1437621-3
KHF1250A1/4		31.8 (1.23)		9-1437621-0

KLN series



KLN500A1/4

straight knurl with top and side indicator



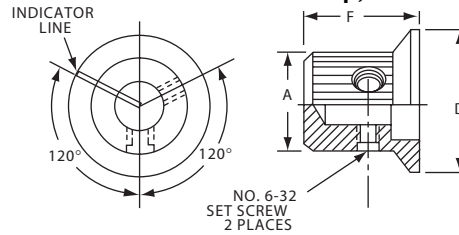
Product key	Color	Dim A	Dim B	Dim E	Part Number
KLN500A1/8	natural	12.7 (.500)	(11. (0.44)	15.9 (.625)	9-1437621-7
KLN500A1/4		12.7 (.500)	(11. (0.44)	15.9 (.625)	9-1437621-6
KLN500B1/8	black	12.7 (.500)	(11. (0.44)	15.9 (.625)	9-1437621-9
KLN500B1/4		12.7 (.500)	(11. (0.44)	15.9 (.625)	9-1437621-8
KLN500S1/4	smoke	12.7 (.500)	(11. (0.44)	15.9 (.625)	1437622-1
KLN700A1/4	natural	18.8 (.740)	17.4 (.685)	15.9 (.625)	1437622-2
KLN700B1/4	black	18.8 (.740)	17.4 (.685)	15.9 (.625)	1437622-3
KLN700B1/8		18.8 (.740)	17.4 (.685)	15.9 (.625)	1437622-4
KLN700S1/4	smoke	18.8 (.740)	17.4 (.685)	15.9 (.625)	1437622-5
KLN900A1/4	natural	23.8 (.937)	22.4 (.882)	15.9 (.625)	1437622-6
KLN900B1/4	black	23.8 (.937)	22.4 (.882)	15.9 (.625)	1437622-7
KLN900S1/4	smoke	23.8 (.937)	22.4 (.882)	15.9 (.625)	1437622-8
KLN1250A1/4	natural	31.8 (1.25)	30.3 (1.19)	15.9 (.625)	9-1437621-4
KLN1250B1/4	black	31.8 (1.25)	30.3 (1.19)	15.9 (.625)	9-1437621-5

K Series, Machined Aluminum (Continued)

KLNS series



straight knurl with indicator line on top, side and skirt



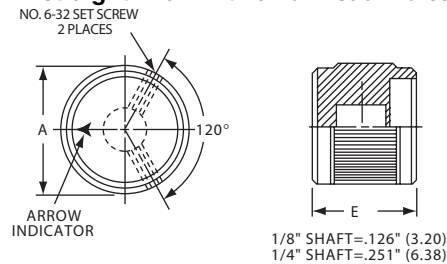
Product key	Color	Dim A	Dim D	Dim F	Part Number
KLNS500A1/8	natural	12.7 (.500)	19.0 (.750)	16.0 (.630)	1-1437622-6
KLNS500A1/4					1-1437622-5
KLNS500B1/8	black				1-1437622-8
KLNS500B1/4					1-1437622-7
KLNS700A1/4	natural	19.0 (.750)	28.7 (1.13)		2-1437622-0
KLNS700B1/4	black				2-1437622-1
KLNS900A1/4	natural	23.9 (.940)	35.5 (1.40)		2-1437622-2
KLNS900B1/4	black				2-1437622-3

KN series



KN501A1/4

straight knurl with arrowhead indicator



Product key	Version	Color	Dim A	Dim E	Part Number
KN501A1/8	single	natural	12.7 (.500)	15.9 (.625)	5-1437622-1
KN501A1/4	toned	natural			5-1437622-0
KN501B1/8		black			5-1437622-3
KN501B1/4					5-1437622-2
KN701A1/4		natural	19.1 (.750)		6-1437622-2
KN701B1/4		black			6-1437622-3
KN501BA1/8	two	black -	12.7 (.500)		5-1437622-5
KN501BA1/4	toned	natural			5-1437622-4
KN701BA1/8			19.1 (.750)		6-1437622-5
KN701BA1/4					6-1437622-4

KN series

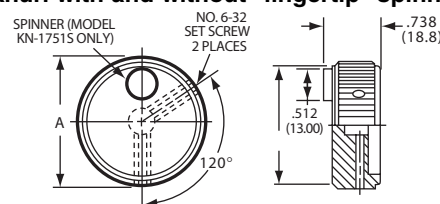


KN1751B1/4



KN1751AS1/4

straight knurl with and without "fingertip" spinner



Product key	Version	Color	Dim A	Part Number
KN1751A1/4	without	natural	44.5 (1.75)	3-1437622-2
KN1751B1/4	indicator	black		3-1437622-6
KN1751AB1/4	two	ntl.-blk.		3-1437622-3
KN1751BA1/4	toned	blk.-ntl.		3-1437622-7
KN1750B1/4	with indicator	black		3-1437622-1
KN1751AS1/4	with spinner	natural		3-1437622-5
KN1751BS1/4	without indicator	black		3-1437622-8

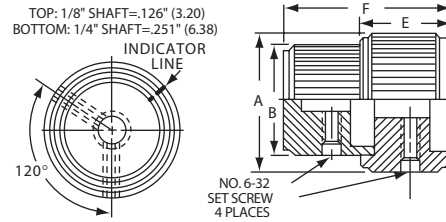
K Series, Machined Aluminum (Continued)

KN series



KN5700B1/4

concentric set with straight knurl with indicator lines



Product key	Color	Dim A	Dim B	Dim E	Dim F	Dim G	Part Number
KN5700A1/4	natural	19.1 (.750)	12.7 (.500)	15.9 (.625)	29.5 (1.16)	7.14 (.281)	5-1437622-6
KN5700B1/4	black						5-1437622-7

KN series

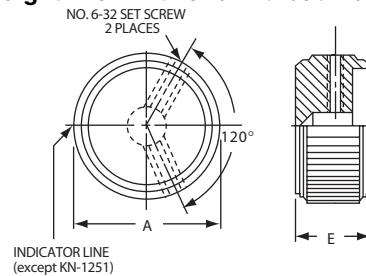


KN500A1/4



KN900BA1/4

straight knurl with and without indicator line

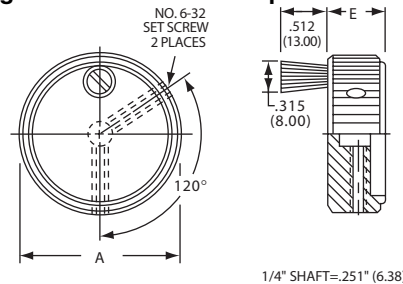


Product key	Version	Color	Dim A	Dim E	Part Number
KN500A1/8	single	natural	12.7 (.500)	15.9 (.625)	4-1437622-3
KN500A1/4	toned				4-1437622-2
KN500B1/8		black			4-1437622-7
KN500B1/4					6-1437622-6
KN700A1/4		natural	19.1 (.750)		5-1437622-8
KN700B1/4		black			6-1437622-0
KN900A1/4		natural	24.1 (.949)		6-1437622-6
KN900B1/4		black			6-1437622-8
KN1250A1/4		natural	31.8 (1.25)		2-1437622-5
KN1250B1/4		black			2-1437622-7
KN500AB1/8	two	ntl.-blk.	12.7 (.500)		4-1437622-5
KN500AB1/4	toned				4-1437622-4
KN500BA1/8		blk.-ntl.			4-1437622-9
KN500BA1/4					4-1437622-8
KN700AB1/4		ntl.-blk.	19.1 (.750)		5-1437622-9
KN700BA1/4		blk.-ntl.			6-1437622-1
KN900AB1/4		ntl.-blk.	24.1 (.949)		6-1437622-7
KN900BA1/4		blk.-ntl.			6-1437622-9
KN1250AB1/4		ntl.-blk.	31.8 (1.25)		2-1437622-6
KN1250BA1/4		blk.-ntl.			2-1437622-8
KN1251A1/4	without	natural			2-1437622-9
KN1251B1/4	indicator	black			3-1437622-0

KN series



straight knurl with "crank" spinner



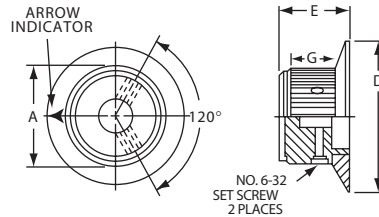
Product key	Color body/spin	Dim A	Dim E	Part Number
KN1755BS1/4	black	44.7 (1.76)	16.0 (.630)	4-1437622-1
KN1755ABS1/4	ntl.-blk./blk.			3-1437622-9
KN1755BAS1/4	blk.-ntl./blk.			4-1437622-0

K Series, Machined Aluminum (Continued)

KNS series



straight knurl with arrowhead indicator on skirt

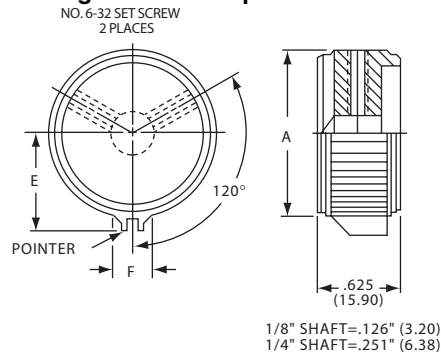


Product key	Version	Color	Dim A	Dim D	Dim E	Dim G	Part Number
KNS501A1/8	single	natural	12.7 (.500)	19.1 (.750)	15.9 (.625)	10.9 (.428)	7-1437622-3
KNS501A1/4	toned						7-1437622-2
KNS501B1/8		black					7-1437622-5
KNS501B1/4							7-1437622-4
KNS701A1/4		natural	19.1 (.750)	28.5 (1.12)			7-1437622-8
KNS701B1/4		black					7-1437622-9
KNS501BA1/8	two	blk.-ntl.	12.7 (.500)	19.1 (.750)			7-1437622-7
KNS501BA1/4	toned						7-1437622-6
KNS701BA1/8			19.1 (.750)	28.5 (1.12)			8-1437622-1
KNS701BA1/4							8-1437622-0

KPN series



straight knurl with pointer and indicator line



Product key	Color	Dim A	Dim E	Dim F	Part Number
KPN500A1/8	natural	12.7 (.500)	9.35 (.368)	4.95 (.195)	9-1437622-1
KPN500A1/4					9-1437622-0
KPN500B1/8	black				9-1437622-3
KPN500B1/4					9-1437622-2
KPN700A1/4	natural	19.1 (.750)	13.1 (.515)	5.94 (.234)	9-1437622-5
KPN700B1/4	black				9-1437622-6
KPN900A1/4	natural	23.8 (.937)	16.0 (.630)	7.01 (.276)	9-1437622-7
KPN900B1/4	black				9-1437622-9

K Series, Machined Aluminum (Continued)

KS series

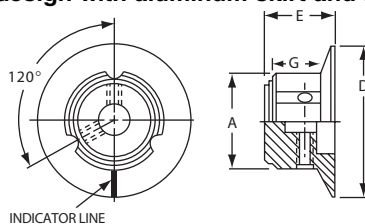


KS500A1/4



KS900B1/4

3 flute design with aluminum skirt and indicator line



1/4" SHAFT=.251" (6.37)

Product key	Color	Dim A	Dim D	Dim E	Dim G	Part Number
KS500A1/8	natural	12.7 (.500)	19.1 (.750)	15.8 (.620)	10.9 (.430)	1437623-3
KS500A1/4						1437623-2
KS500B1/8	black					1437623-5
KS500B1/4						1437623-4
KS700A1/4	natural	19.0 (.750)	28.4 (1.12)			1437623-6
KS700B1/4	black					1437623-7
KS900A1/4	natural	23.9 (.940)	35.6 (1.40)			1437623-8
KS900B1/4	black					1437623-9

KT series

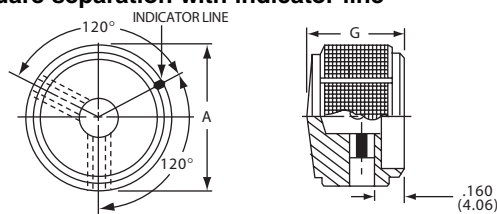


KT500A1/4



KT700A1/4

square separation with indicator line



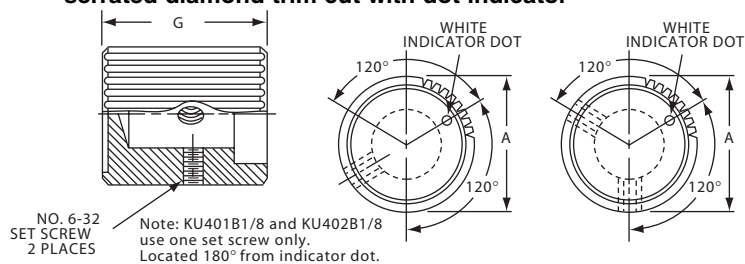
Product key	Color	Dim A	Dim G	Part Number
KT500A1/4	natural	12.7 (.500)	16.0 (.630)	1-1437623-2
KT500B1/8	black			1-1437623-4
KT500B1/4				1-1437623-3
KT700A1/4	natural	18.8 (.740)		1-1437623-6
KT700B1/4	black			1-1437623-7
KT900A1/4	natural	23.9 (.940)		1-1437623-8
KT900B1/4	black			1-1437623-9

KU series



KU402B1/8

serrated diamond trim cut with dot indicator



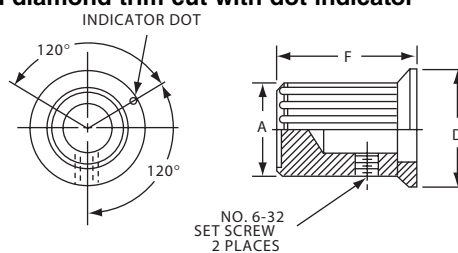
Product key	Color	Dim A	Dim G	Part Number
KU401B1/8	black	9.50 (.374)	7.60 (.299)	2-1437623-1
KU402B1/8			11.4 (.449)	2-1437623-2
KU500B1/8		12.7 (.500)	15.2 (.598)	2-1437623-3
KU700B1/4		18.8 (.740)		2-1437623-4

K Series, Machined Aluminum (Continued)

KUS series



serrated diamond trim cut with dot indicator



Product key	Color	Dim A	Dim D	Dim F	Part Number
KUS402B1/8	black	9.50 (.374)	13.2 (.520)	11.4 (.450)	2-1437623-9
KUS500B1/8		12.7 (.500)	17.8 (.700)	15.2 (.600)	3-1437623-0
KUS700B1/4		18.8 (.740)	26.2 (1.03)		3-1437623-1

P Series, Molded Phenolic

Features

- Supplied with Loctite® set-screw (anti-vibration feature)
- With and without indicator line and numbers
- Shaft hole size adaptors available



Typical performance characteristics

Material	theroset phenolic
Molded in bushing insert	brass
Set-screw	steel
Skirt	aluminum
End plate	spun aluminum
Finish	phenolic black
Adapters	brass, with nickel finish
RoHS Directive 2002/95/EC	compliant

Product key		Typical product key		P	K	50	B	1/4
Knob Material								
P	phenolic							
Type								
H	straight knurl without indicator line							
K	straight knurl with dot indicator on skirt or on top							
KA	ribbed with line indicator on skirt							
KAP	ribbed with skirt and pointer with indicator line							
KB	fluted with indicator line on skirt							
KD	straight knurl with skirt and arrow indicator or numerals							
KDT	black spin cap with "diamond cut" and arrow indicator or numerals							
KE	fluted with indicator line							
KES	fluted with skirt and indicator line							
KF	plain quadrate with indicator line and arrow							
KG	ribbed with indicator line							
KGP	ribbed with bar pointers and indicator line							
KJ	straight knurl with bar pointers and indicator line							
KJT	straight knurl with bar pointer and indicator line and aluminum spin cap							
KN	line indicator on natural aluminum spin cap							
KNT	black spin cap with "diamond cut" without indicator							
KS	straight knurl with indicator line or numerals on skirt							
KX	ribbed body, matte finish with square indicator on top							
Reference diameter								
Series Phenolic								
50	90	130	1103	1132				
55	100	140	1104	1255				
60	110	150	1105					
70	120	1100	1106					
Finish								
A	B	black						
Shaft diameter								
1/8	.126 (3.20mm)	1/4	.251 (6.37mm)					

Note: Product key for reference only, not all combinations are available.

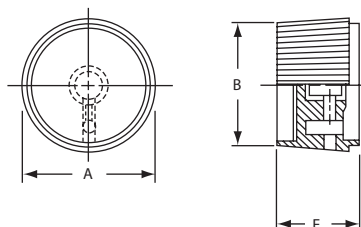
P Series, Molded Phenolic (Continued)

PH series



PH15181/4

straight knurl without indicator line



Product key	Dim A	Dim B	Dim E	Part Number
PH15181/4	25.3 (.996)	24.7 (.972)	17.0 (.669)	1437624-2

PK series

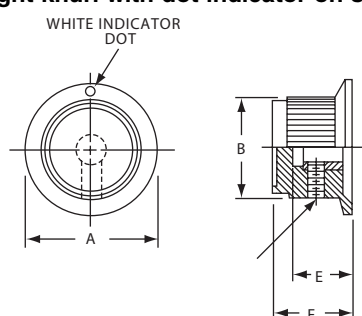


PK50B1/8



PK70B1/4

straight knurl with dot indicator on skirt



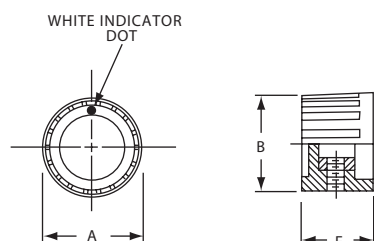
Product key	Dim A	Dim B	Dim E	Dim F	Part Number
PK50B1/8	19.0 (.748)	14.5 (.570)	11.7 (.460)	13.9 (.550)	1437624-7
PK50B1/4					1437624-6
PK70B1/4	25.0 (.984)	18.5 (.728)	12.7 (.500)	14.9 (.590)	1437624-8
PK90B1/4	31.8 (1.25)	25.0 (.985)	11.9 (.470)	15.1 (.595)	1437624-9

PK series



PK1100B1/4

straight knurl with dot indicator on top



Product key	Version	Color	Dim A	Dim B	Dim F	Part Number
PK1100B1/8		natural	17.8 (.700)	16.3 (.643)	13.5 (.530)	1437624-4

P Series, Molded Phenolic (Continued)

PKA series

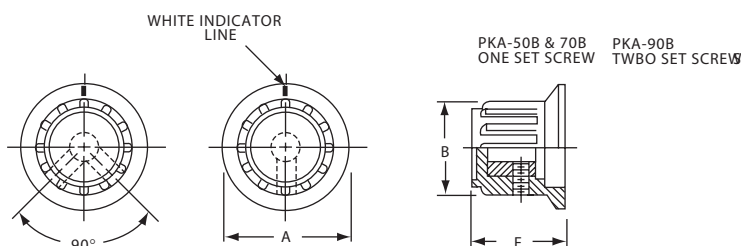
ribbed with line indicator on skirt



PKA50B1/4



PKA90B1/4



Product key	Dim A	Dim B	Dim F	Part Number
PKA50B1/8	20.2 (.795)	14.7 (.580)	15.0 (.590)	1-1437624-1
PKA50B1/4				1-1437624-0
PKA55B1/8	19.8 (.780)		17.2 (.675)	1-1437624-4
PKA55B1/4				1-1437624-3
PKA70B1/4	24.9 (.980)	18.8 (.740)	19.1 (.750)	1-1437624-5
PKA90B1/4	34.9 (1.375)	24.6 (.970)	21.3 (.840)	1-1437624-7

PKAP series

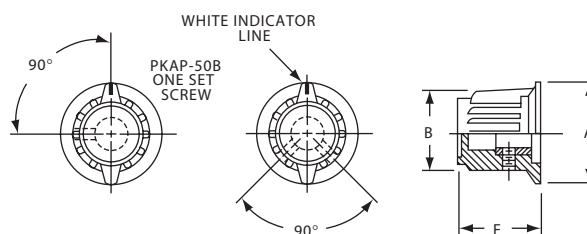
ribbed with skirt and pointer with indicator line



PKAP50B1/8



PKAP90B1/4



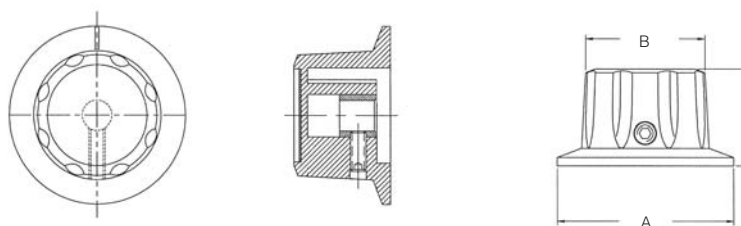
Product key	Dim A	Dim B	Dim F	Part Number
PKAP50B1/4	20.0 (.787)	17.6 (.693)	17.5 (.689)	1-1437624-8
PKAP50B1/8				1-1437624-9
PKAP70B1/4	24.8 (.976)	22.1 (.874)	18.7 (.737)	2-1437624-0

PKB series

fluted with indicator line on skirt



PKB90B1/4



Product key	Dim A	Dim B	Dim F	Part Number
PKB70B1/4	28.3 (1.12)	19.1 (.750)	15.2 (.600)	2-1437624-3
PKB90B1/4	38.1 (1.50)	25.8 (1.02)	20.8 (.820)	2-1437624-4

P Series, Molded Phenolic (Continued)

PKD series

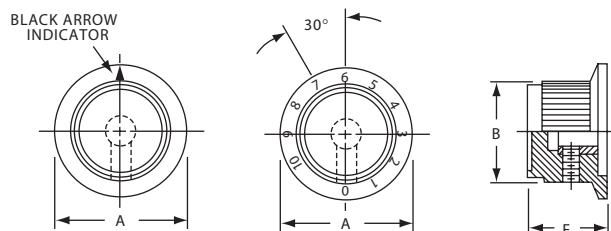
straight knurl, aluminum skirt with arrow indicator or numerals



PKD60B1/4



PKD100B101/4



Product key	Version	Dim A	Dim B	Dim F	Part Number
PKD60B1/8	with	19.8 (.780)	14.4 (.566)	14.3 (.563)	2-1437624-8
PKD60B1/4	arrow				2-1437624-7
PKD70B1/4	indicator	25.9 (1.02)	19.1 (.750)	15.5 (.610)	3-1437624-1
PKD100B1/4		32.8 (1.29)	25.4 (1.00)	15.0 (.590)	2-1437624-5
PKD60B101/8	with	19.8 (.780)	14.4 (.566)	14.3 (.563)	3-1437624-0
PKD60B101/4	0 - 10				2-1437624-9
PKD70B101/4	numerals	25.9 (1.02)	19.1 (.750)	15.5 (.610)	3-1437624-2
PKD100B101/4		32.8 (1.29)	25.4 (1.00)	15.0 (.590)	2-1437624-6

PKDT series

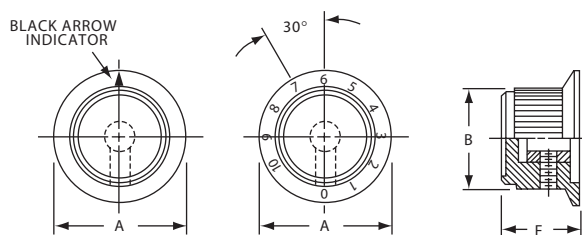
black spin cap with "diamond cut" and arrow indicator or numerals



PKDT100B1/4



PKDT100B101/4



Product key	Version	Dim A	Dim B	Dim F	Part Number
PKDT70B1/4	arrow	26.0 (1.03)	18.8 (.738)	16.1 (.635)	3-1437624-9
PKDT100B1/4	indicator	32.8 (1.29)	25.9 (1.02)	16.2 (.638)	3-1437624-3
PKDT60B101/8	0 - 10	19.8 (.778)	15.4 (.605)	14.3 (.562)	3-1437624-8
PKDT70B101/4	numerals	26.0 (1.03)	18.8 (.738)	16.1 (.635)	4-1437624-0
PKDT100B101/4		32.8 (1.29)	25.9 (1.02)	16.2 (.638)	3-1437624-4

PKE series

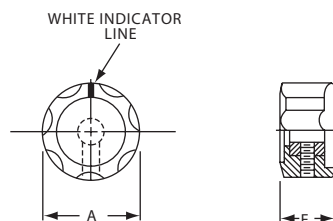
fluted with indicator line



PKE60B1/8



PKE90B1/4



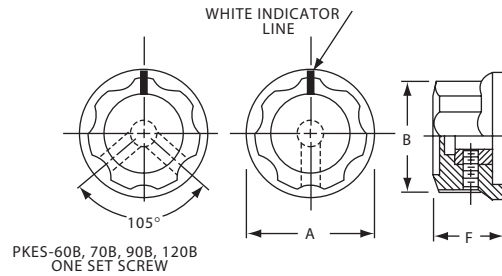
Product key	Dim A	Dim B	Dim F	Part Number
PKE60B1/8	15.9 (.626)	12.0 (.472)	16.1 (.635)	4-1437624-4
PKE60B1/4	15.9 (.626)	12.0 (.472)	16.2 (.638)	4-1437624-3
PKE90B1/4	22.6 (.890)	18.4 (.724)	14.3 (.562)	4-1437624-5

P Series, Molded Phenolic (Continued)

PKES series



fluted with skirt and indicator line

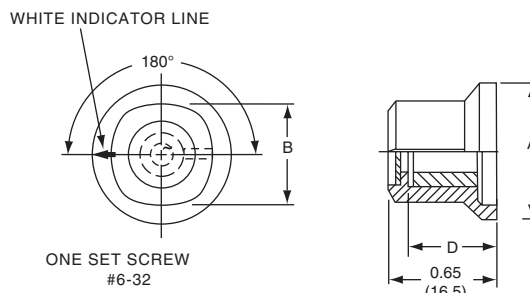


Product key	Dim A	Dim B	Dim F	Part Number
PKES60B1/8	19.0 (.748)	15.7 (.618)	11.9 (.470)	5-1437624-1
PKES60B1/4				5-1437624-0
PKES70B1/4	21.7 (.855)	18.9 (.744)	13.4 (.526)	5-1437624-2
PKES90B1/4	25.7 (1.01)	22.6 (.889)	14.5 (.570)	5-1437624-3
PKES120B1/4	32.9 (1.30)	29.5 (1.16)	16.0 (.628)	4-1437624-6
PKES140B1/4	38.1 (1.50)	34.9 (1.37)	17.6 (.693)	4-1437624-7
PKES150B1/4	44.9 (1.77)	39.4 (1.55)	21.1 (.831)	4-1437624-8

PKF series



plain quadrate with indicator line and arrow

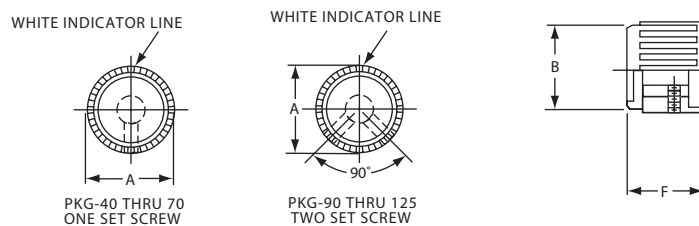


Product key	Dim A	Dim B	Dim D	Part Number
PKF50B1/8	17.0 (.670)	11.5 (.454)	13.2 (.520)	5-1437624-5

PKG series



ribbed with indicator line



Product key	Dim A	Dim B	Dim F	Part Number
PKG40B1/8	11.1 (.437)	10.4 (.410)	12.0 (.472)	5-1437624-9
PKG50B1/8	14.0 (.551)	12.7 (.500)	13.0 (.512)	6-1437624-1
PKG50B1/4				6-1437624-0
PKG60B1/8	16.8 (.660)	15.6 (.615)	14.0 (.551)	6-1437624-6
PKG60B1/4				6-1437624-5
PKG70B1/8	18.8 (.740)	17.7 (.698)	14.2 (.559)	6-1437624-8
PKG70B1/4				6-1437624-7
PKG90B1/8	21.9 (.862)	20.6 (.811)	13.9 (.550)	7-1437624-0
PKG90B1/4				6-1437624-9
PKG100B1/4	26.8 (1.055)	25.5 (1.01)	14.1 (.555)	5-1437624-7
PKG125B1/4	31.7 (1.248)	30.4 (1.20)	14.4 (.565)	5-1437624-8

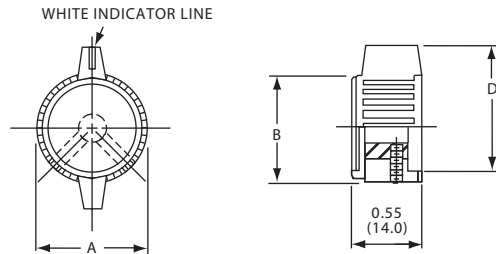
P Series, Molded Phenolic (Continued)

PKGP series

ribbed with bar pointers and indicator line



PKGP70B1/4



Product key	Dim A	Dim B	Dim D	Part Number
PKGP70B1/4	18.8 (.740)	17.8 (.700)	25.2 (.990)	7-1437624-2
PKGP90B1/4	21.8 (.860)	20.6 (.810)	32.5 (1.28)	7-1437624-3
PKGP100B1/4	26.2 (1.05)	25.4 (1.00)	41.2 (1.62)	7-1437624-1

PKJ series

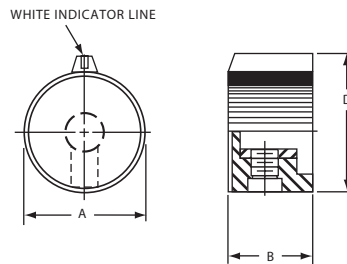
straight knurl with bar pointers and indicator line



PKJ50B1/8



PKJ0B1/4



Product key	Dim A	Dim B	Dim D	Part Number
PKJ50B1/8	12.7 (.500)	13.0 (.512)	14.7 (.577)	7-1437624-5
PKJ50B1/4				7-1437624-4
PKJ60B1/4	16.0 (.630)	13.5 (.530)	19.3 (.758)	7-1437624-6
PKJ70B1/4	19.3 (.760)	14.1 (.555)	23.2 (.915)	7-1437624-7

PKJT series

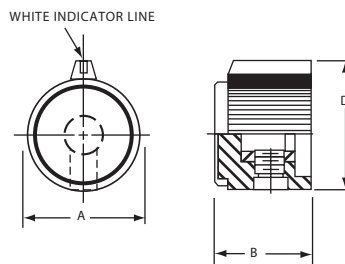
straight knurl with bar pointer and indicator line, aluminum spin cap



PKJT50B1/4



PKJT70B1/4



Product key	Dim A	Dim B	Dim D	Part Number
PKJT50B1/8	13.1 (.515)	14.9 (.585)	15.1 (.595)	7-1437624-9
PKJT50B1/4				7-1437624-8
PKJT60B1/4	16.3 (.640)	15.4 (.605)	19.3 (.760)	8-1437624-0
PKJT70B1/4	19.3 (.760)	15.9 (.625)	23.2 (.915)	8-1437624-1

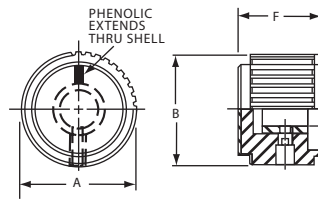
P Series, Molded Phenolic (Continued)

PKN series



PKN60B1/8

natural aluminum spin cap with line indicator



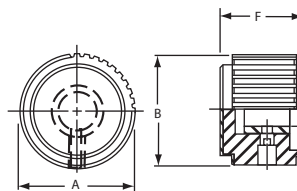
Product key	Dim A	Dim B	Dim F	Part Number
PKN60B1/8	15.0 (.591)	14.7 (.579)	11.5 (.453)	8-1437624-2
PKN60B1/4				1825009-1
PKN70B1/4	20.0 (.787)	19.4 (.764)	15.0 (.591)	8-1437624-3
PKN90B1/4	25.0 (.984)	24.3 (.957)	17.5 (.689)	8-1437624-4

PKNT series



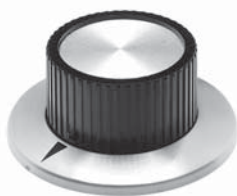
PKNT60B1/4

black spin cap with "diamond cut", without indicator



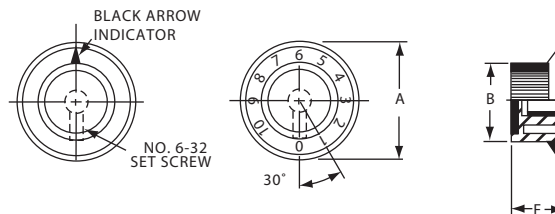
Product key	Dim A	Dim B	Dim F	Part Number
PKNT60B1/8	15.0 (.591)	14.7 (.579)	11.9 (.472)	8-1437624-6
PKNT60B1/4				8-1437624-5
PKNT70B1/4	19.9 (.787)	19.4 (.764)	14.7 (.591)	8-1437624-7
PKNT90B1/4	25.0 (.984)	24.3 (.957)	17.5 (.689)	8-1437624-8

PKS series



PKS90B1/4

straight knurl with aluminum skirt and arrow or 1-10 numbers



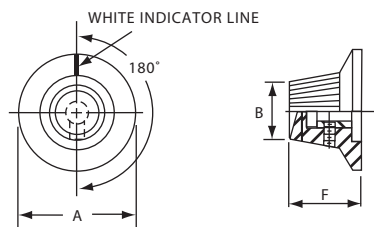
Product key	Marking	Dim A	Dim B	Dim F	Part Number
PKS90B1/4	arrow	36.1 (1.42)	23.3 (.917)	15.1 (.596)	1437625-5
PKS90B101/4	numbers				1437625-6

PKS series



PKS1104B1/4

straight knurl with indicator line on skirt



Product key	Dim A	Dim B	Dim F	Part Number
PKS1104B1/4	28.5 (1.12)	14.4 (.567)	17.0 (.670)	9-1437624-5

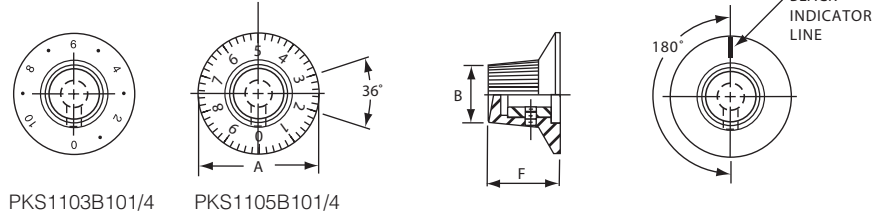
P Series, Molded Phenolic (Continued)

PKS series

straight knurl aluminum skirt with line or 0-9 numbers



PKS1106B1/4



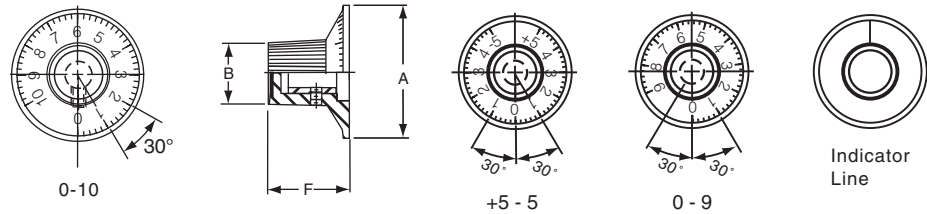
Product key	Marking	Dim A	Dim B	Dim F	Part Number
PKS1103B101/4	numbers	29.6 (1.17)	14.5 (.571)	17.0 (.670)	9-1437624-4
PKS1106B1/4	line				9-1437624-7
PKS1105B101/4	numbers				9-1437624-6

PKS series

straight knurl with 0-9, 0-10, -5+5 numerals



PKS1132B51/4



Product key	Marking	Dim A	Dim B	Dim F	Part Number
PKS1132B51/4	+5-0-5	30.0 (1.18)	14.0 (.551)	19.0 (.748)	1437625-1
PKS1132B91/4	0-9				1437625-2
PKS1132B101/4	0-10				9-1437624-9
*PKS1132B1/4	indicator line				9-1437624-8

*) Set screw 180° from indicator line.



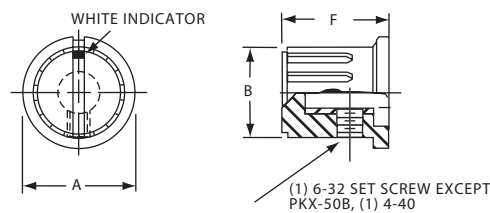
PKS1132B91/4

PKX series

ribbed body, matte finish with square indicator on top



PKX50B1/8



Product key	Dim A	Dim B	Dim F	Part Number
PKX50B1/8	15.0 (.590)	12.0 (.472)	14.0 (.551)	1-1437625-5
PKX50B1/4				1-1437625-4
PKX60B1/8	20.0 (.787)	15.9 (.625)	15.2 (.598)	1-1437625-7
PKX60B1/4				1-1437625-6

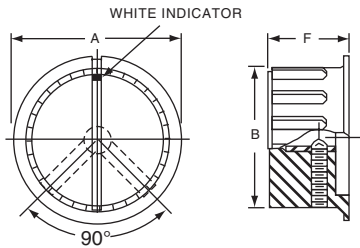
P Series, Molded Phenolic (Continued)

PKX series

ribbed body, matte finish with square indicator on top



PKX110B1/4



Product key	Dim A	Dim B	Dim F	Part Number
PKX100B1/4	29.7 (1.17)	24.6 (.970)	17.1 (.674)	1-1437625-1
PKX110B1/4	34.8 (1.37)	28.45 (1.120)	17.9 (.705)	1-1437625-2
PKX130B1/4	40.0 (1.57)	33.22 (1.308)	19.0 (.750)	1-1437625-3

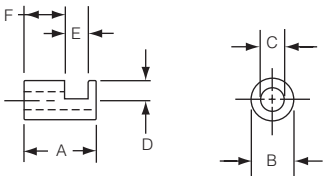
Knob Accessories

Adaptors

KR
shaft hole size adaptors for aluminum and phenolic knobs



KR1



Prod. key Version		Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Part Number
KR104	1/4" to 1/8"	9.50 (.374)	6.35 (.250)	3.25 (.128)	3.10 (.122)	5.51 (.217)	3.10 (.122)	1825620-1
KR204	1/4" to 3/16"	9.53 (.375)		4.83 (.190)		5.49 (.216)	3.12 (.123)	1825620-2
KR304	1/4" to 4mm		6.30 (.248)	4.09 (.161)				1825620-3

