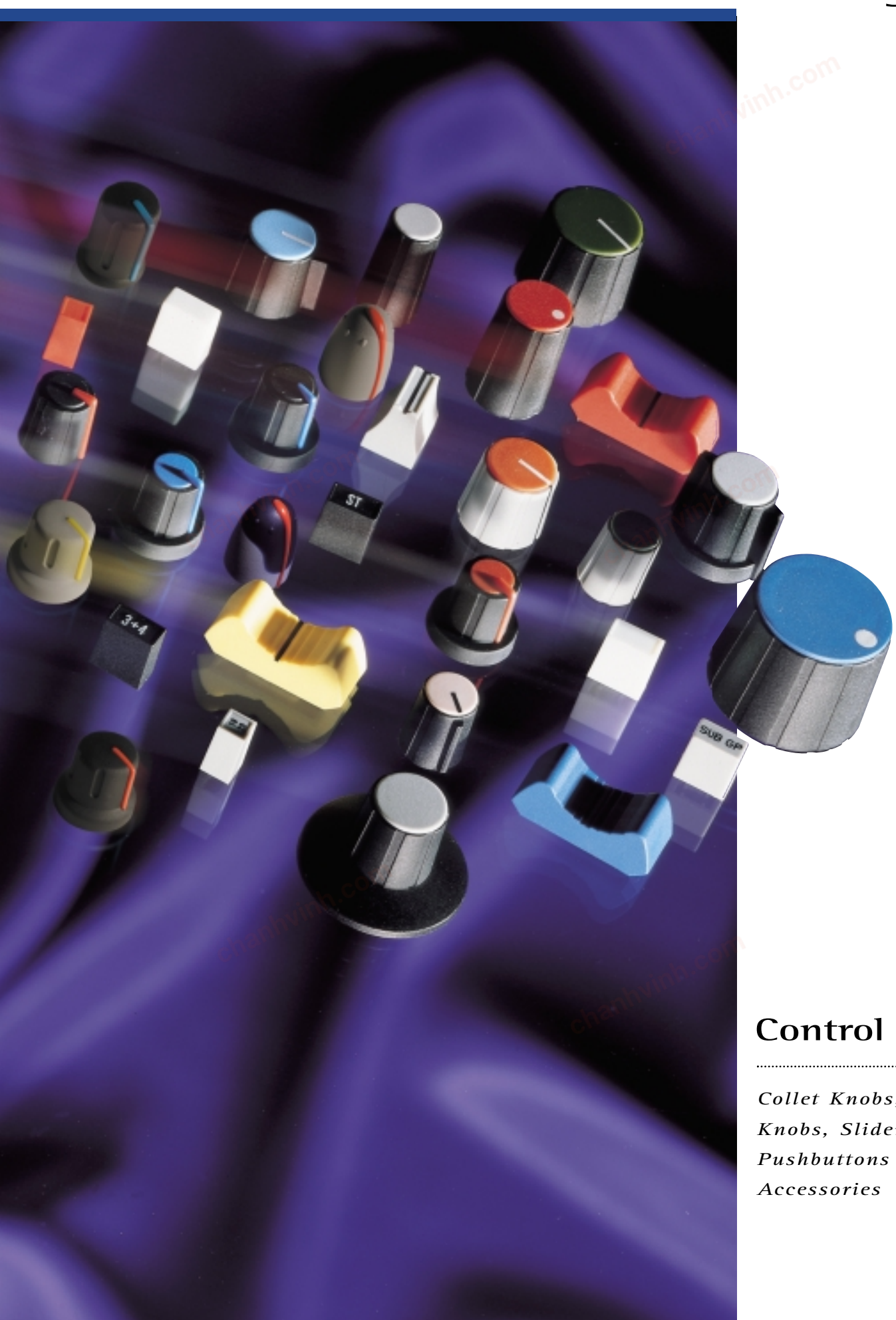
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SIFAM

control knobs



Control Knobs

Collet Knobs, Push-on Knobs, Slider Knobs, Pushbuttons and Accessories

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Turn to quality





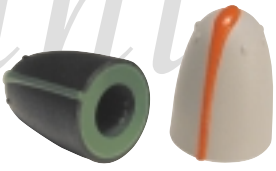


COLLET KNOBS PUSH-ON KNOBS SLIDER





Whatever you want



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SIFAM offers a wide variety of collet knobs, push-on knobs, slider knobs, pushbuttons and accessories. Together with our printing options and custom moulding service, we can provide an infinite number of permutations suitable for almost any application.

K N O B S P U S H B U T T O N S A N D A C C E S S O R I E S

Add a touch of quality to your product

Our control knobs are manufactured in a wide range of thermoplastic materials and have function, style and handling as principle design factors. The quality 'feel' is unmistakable and so adds to the quality of your product. This catalogue shows in detail the standard range of types, sizes and colours for our collet knobs, push-on knobs, slider knobs, pushbuttons, associated caps and accessories. All ordering codes and dimensional information are included for fast and easy product selection.

Custom service for specific requirements

If your product calls for a personal touch, we can cater for most control knob requirements from design through to manufacture using the latest technology, including 3D CAD and multi-shot moulding. You are guaranteed expert attention throughout the process. Function and styling criteria for all components can be customised.
Should your product require a standard combination from the existing range or a custom designed control knob, the item can also be printed to meet your specific application. The flexibility of the range and the varying levels of customisation make SIFAM the number one manufacturer of control knobs.

Quality assured

Through our continuous efforts for ever better products and service to the customer, we have earned many quality endorsements. Our Quality Management System is assessed to BS EN ISO 9001.

Now is a good time to turn to quality – SIFAM quality!

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Timeless 'classics'



Function, styling, handling and simplicity of use are the hallmarks of these quality control knobs.

Collet Knobs

The main criteria in the design of collet knobs and accessories have always been function, styling, handling and simplicity of use. Accessories, including caps, pointers, figure dials and nut covers have been designed to push-fit into the collet knob body to give added versatility.

All collet knob bodies, caps, pointers and nut covers are manufactured in nylon with a finely textured matt finish. Transparent figure dials are manufactured in polycarbonate, coloured dials are in nylon. Collets, housings and nuts, fitted into the knobs during manufacture, are of brass and will accommodate a wide range of shaft lengths and bush lengths. All knobs shown are available in black, or grey as standard. Other colours are available to order. Please refer to Page 9.

Two colour soft-touch collet knobs

These items meet the needs of the general industrial and audio market for a soft touch finish as an alternative to the traditional hard surface finish.

The 2 shot process, using polypropylene and thermoplastic elastomer, allows the indicator line to be moulded rather than printed. Full details are specified on Page 7. The standard body colour is black and the line, when specified, is white. Other colour combinations are available to order. Please refer to Page 9.

Both items can be used as a dual concentric set.



Dual Concentric Assemblies

This table shows the knob combinations suitable for dual-concentric assemblies. Please contact the Sales Office for details of special through-hole collets, if required.

TOP	BASE
10mm	13mm
11mm	15mm
15mm	21mm
21mm	29mm

Accessories

All collet knobs are designed to accept caps once fitted to the shaft. These with other accessories are detailed on Page 7 with available colours on Page 9.

Installation Torque

The maximum torque that should be applied to collet nuts when installing them on a shaft is as follows:

Knob Type	Shafts 2mm, 3mm, 4mm and 1/8 in	Shafts 6mm, 1/4 in and 3/16 in
	N.m	N.m
S10 S11, SP11, K11 S13	0.294	
S15, SD15, SN15, SB15, SW15	0.784	
K15,W15,K21,KP21,W21,K29,W29	1.471	1.471
S21, SP21, SB21, SW21 S29, SP29, SB29, SW29 S38, SC38	0.784	
S47, SC47, SCF47		

Turning Torque

The torque that can be transmitted by knobs without slipping, assuming the knob has been adequately tightened on the shaft, is as follows:

Knob Type	Shafts 2mm, 3mm, 4mm and 1/8 in and 3/16 in	Shafts 6mm and 1/4 in
	N.m	N.m
S10 S11, SP11, K11 S13	0.245	
S15, SN15, SP15, SB15, SW15	0.392	0.784
K15, W15 S21, SP21, SB21, K21, KP21, W21 S29, SP29, SB29, SW29, K29, W29 S38, SC38	0.588	1.176
S47, SC47, SCF47		

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Collet knobs – the complete range

Diagrams show cross-section of collets with shaft depths

10mm — S100 / S101



Base Ø 10.0mm
Height (inc. cap) 14.0mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
2mm	S100 002	S101 002
3mm	S100 003	S101 003
1/8 in	S100 125	S101 125
4mm	S100 004	S101 004

11mm — S110 / S111



Base Ø 11.5mm
Height (inc. cap) 14.0mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
2mm	S110 002	S111 002
3mm	S110 003	S111 003
1/8 in	S110 125	S111 125
4mm	S110 004	S111 004

11mm — SN110 / SN111



Base Ø 14.2mm
Height (inc. cap) 17.5mm
Shaft Depth 9.2mm

Shaft size	Plain	With line
2mm	SN110 002	SN111 002
3mm	SN110 003	SN111 003
1/8 in	SN110 125	SN111 125
4mm	SN110 004	SN111 004

11mm — SP110 / SP111



Base Ø 11.5mm
Pointer R 6.9mm
Height (inc. cap) 14.0mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
2mm	SP110 002	SP111 002
3mm	SP110 003	SP111 003
1/8 in	SP110 125	SP111 125
4mm	SP110 004	SP111 004

11mm — K110 / K111



Base Ø 11.5mm
Height (inc. cap) 22.1mm
Shaft Depth 11.5mm

Shaft size	Plain	With line
3mm	K110 003	K111 003
1/8 in	K110 125	K111 125
4mm	K110 004	K111 004

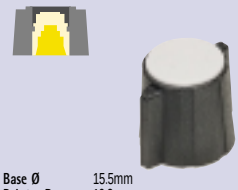
13mm — S130 / S131



Base Ø 13.5mm
Height (inc. cap) 14.1mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
2mm	S130 002	S131 002
3mm	S130 003	S131 003
1/8 in	S130 125	S131 125
4mm	S130 004	S131 004

15mm — SB150 / SB151



Base Ø 15.5mm
Pointer R 10.2mm
Height (inc. cap) 14.3mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
3mm	SB150 003	SB151 003
1/8 in	SB150 125	SB151 125
4mm	SB150 004	SB151 004
3/16 in	SB150 187	SB150 187
6mm	SB150 006	SB150 006
1/4 in	SB150 250	SB150 250

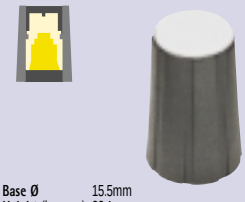
15mm — SW150 / SW151



Base Ø 15.5mm
Pointer R 10.2mm
Height (inc. cap) 14.3mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
3mm	SW150 003	SW151 003
1/8 in	SW150 125	SW151 125
4mm	SW150 004	SW151 004
3/16 in	SW150 187	SW151 187
6mm	SW150 006	SW151 006
1/4 in	SW150 250	SW151 250

15mm — K150 / K151



Base Ø 15.5mm
Height (inc. cap) 22.1mm
Shaft Depth 12.0mm

Shaft size	Plain	With line
3mm	K150 003	K151 003
1/8 in	K150 125	K151 125
4mm	K150 004	K151 004
6mm	K150 006	K151 006
1/4 in	K150 250	K151 250

15mm — W150 / W151



Base Ø 15.5mm
Pointer R 10.5mm
Height (inc. cap) 22.1mm
Shaft Depth 12.0mm

Shaft size	Plain	With line
3mm	W150 003	W151 003
1/8 in	W150 125	W151 125
4mm	W150 004	W151 004
6mm	W150 006	W151 006
1/4 in	W150 250	W151 250

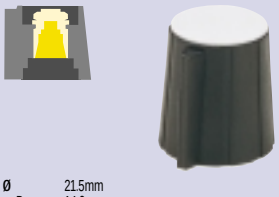
21mm — S210 / S211



Base Ø 21.5mm
Height (inc. cap) 17.7mm
Shaft Depth 10.0mm

Shaft size	Plain	With line
3mm	S210 003	S211 003
1/8 in	S210 125	S211 125
4mm	S210 004	S211 004
3/16 in	S210 187	S211 187
6mm	S210 006	S211 006
1/4 in	S210 250	S211 250

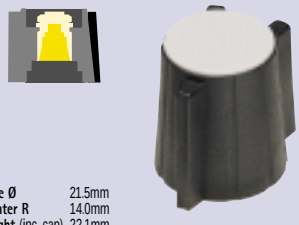
21mm — KP210 / KP211



Base Ø 21.5mm
Pointer R 14.0mm
Height (inc. cap) 24.0mm
Shaft Depth 16.0mm

Shaft size	Plain	With line
3mm	KP210 003	KP211 003
1/8 in	KP210 125	KP211 125
4mm	KP210 004	KP211 004
6mm	KP210 006	KP211 006
1/4 in	KP210 250	KP211 250

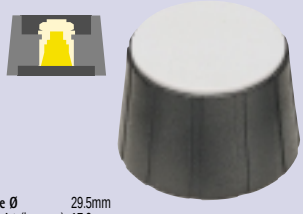
21mm — W210 / W211



Base Ø 21.5mm
Pointer R 14.0mm
Height (inc. cap) 22.1mm
Shaft Depth 15.0mm

Shaft size	Plain	With line
3mm	W210 003	W211 003
1/8 in	W210 125	W211 125
4mm	W210 004	W211 004
6mm	W210 006	W211 006
1/4 in	W210 250	W211 250

29mm — S290 / S291



Base Ø 29.5mm
Height (inc. cap) 17.9mm
Shaft Depth 10.5mm

Shaft size	Plain	With line
3mm	S290 003	S291 003
1/8 in	S290 125	S291 125
4mm	S290 004	S291 004
3/16 in	S290 187	S291 187
6mm	S290 006	S291 006
1/4 in	S290 250	S291 250

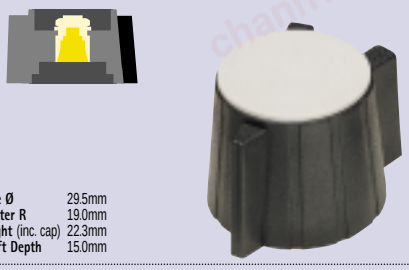
29mm — SP290 / SP291



Base Ø 29.5mm
Pointer R 18.8mm
Height (inc. cap) 17.9mm
Shaft Depth 10.5mm

Shaft size	Plain	With line
3mm	SP290 003	SP291 003
1/8 in	SP290 125	SP291 125
4mm	SP290 004	SP291 004
3/16 in	SP290 187	SP291 187
6mm	SP290 006	SP291 006
1/4 in	SP290 250	SP291 250

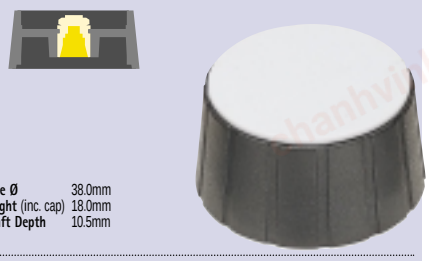
29mm — W290 / W291



Base Ø 29.5mm
Pointer R 19.0mm
Height (inc. cap) 22.3mm
Shaft Depth 15.0mm

Shaft size	Plain	With line
3mm	W290 003	W291 003
1/8 in	W290 125	W291 125
4mm	W290 004	W291 004
6mm	W290 006	W291 006
1/4 in	W290 250	W291 250

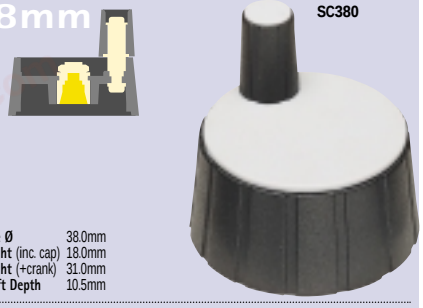
38mm — S380 / S381



Base Ø 38.0mm
Height (inc. cap) 18.0mm
Shaft Depth 10.5mm

Shaft size	Plain	With line
3mm	S380 003	S381 003
1/8 in	S380 125	S381 125
4mm	S380 004	S381 004
3/16 in	S380 187	S381 187
6mm	S380 006	S381 006
1/4 in	S380 250	S381 250

38mm — SC380



Base Ø 38.0mm
Height (inc. cap) 18.0mm
Height (+crank) 31.0mm
Shaft Depth 10.5mm

Shaft size	Plain
3mm	SC380 003
1/8 in	SC380 125
4mm	SC380 004
3/16 in	SC380 187
6mm	SC380 006
1/4 in	SC380 250

15mm — S150 S151



Base Ø 15.5mm
Height (inc. cap) 14.3mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
3mm	S150 003	S151 003
1/8 in	S150 125	S151 125
4mm	S150 004	S151 004
3/16 in	S150 187	S151 187
6mm	S150 006	S151 006
1/4 in	S150 250	S151 250

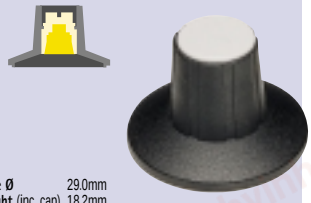
15mm — SN150 SN151



Base Ø 18.6mm
Height (inc. cap) 18.2mm
Shaft Depth 10.1mm

Shaft size	Plain	With line
3mm	SN150 003	SN151 003
1/8 in	SN150 125	SN151 125
4mm	SN150 004	SN151 004
3/16 in	SN150 187	SN151 187
6mm	SN150 006	SN151 006
1/4 in	SN150 250	SN151 250

15mm — SD150 SD159



Base Ø 29.0mm
Height (inc. cap) 18.2mm
Shaft Depth 10.1mm

Shaft size	Plain	With arrow
3mm	SD150 003	SD159 003
1/8 in	SD150 125	SD159 125
4mm	SD150 004	SD159 004
3/16 in	SD150 187	SD159 187
6mm	SD150 006	SD159 006
1/4 in	SD150 250	SD159 250

15mm — SP150 SP151



Base Ø 15.5mm
Pointer R 10.2mm
Height (inc. cap) 14.3mm
Shaft Depth 7.0mm

Shaft size	Plain	With arrow
3mm	SP150 003	SP151 003
1/8 in	SP150 125	SP151 125
4mm	SP150 004	SP151 004
3/16 in	SP150 187	SP151 187
6mm	SP150 006	SP151 006
1/4 in	SP150 250	SP151 250

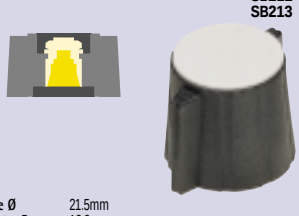
21mm — SP210 SP211



Base Ø 21.5mm
Pointer R 13.8mm
Height (inc. cap) 17.7mm
Shaft Depth 10.0mm

Shaft size	Plain	With line
3mm	SP210 003	SP211 003
1/8 in	SP210 125	SP211 125
4mm	SP210 004	SP211 004
3/16 in	SP210 187	SP211 187
6mm	SP210 006	SP211 006
1/4 in	SP210 250	SP211 250

21mm — SB210 SB211 SB213



Base Ø 21.5mm
Pointer R 13.8mm
Height (inc. cap) 17.7mm
Shaft Depth 10.0mm

Shaft size	Plain	With line
3mm	SB210 003	SB211 003
1/8 in	SB210 125	SB211 125
4mm	SB210 004	SB211 004
3/16 in	SB210 187	SB211 187
6mm	SB210 006	SB211 006
1/4 in	SB210 250	SB211 250

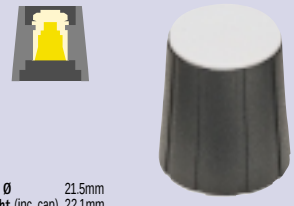
21mm — SW210 SW211



Base Ø 21.5mm
Pointer R 13.8mm
Height (inc. cap) 17.7mm
Shaft Depth 10.0mm

Shaft size	Plain	With line
3mm	SW210 003	SW211 003
1/8 in	SW210 125	SW211 125
4mm	SW210 004	SW211 004
3/16 in	SW210 187	SW211 187
6mm	SW210 006	SW211 006
1/4 in	SW210 250	SW211 250

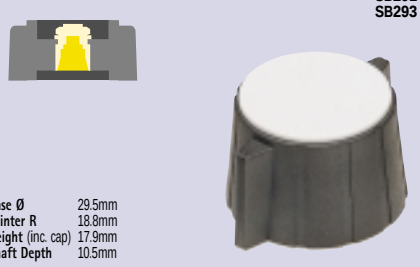
21mm — K210 K211



Base Ø 21.5mm
Height (inc. cap) 22.1mm
Shaft Depth 15.0mm

Shaft size	Plain	With line
3mm	K210 003	K211 003
1/8 in	K210 125	K211 125
4mm	K210 004	K211 004
6mm	K210 006	K211 006
1/4 in	K210 250	K211 250

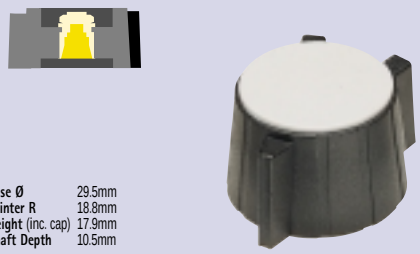
29mm — SB290 SB291 SB293



Base Ø 29.5mm
Pointer R 18.8mm
Height (inc. cap) 17.9mm
Shaft Depth 10.5mm

Shaft size	Plain	With line
3mm	SB290 003	SB291 003
1/8 in	SB290 125	SB291 125
4mm	SB290 004	SB291 004
3/16 in	SB290 187	SB291 187
6mm	SB290 006	SB291 006
1/4 in	SB290 250	SB291 250

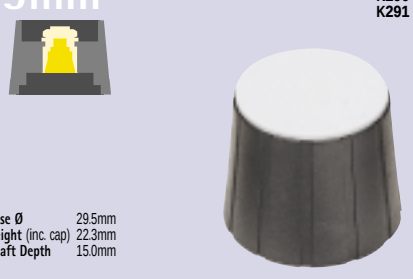
29mm — SW290 SW291



Base Ø 29.5mm
Pointer R 18.8mm
Height (inc. cap) 17.9mm
Shaft Depth 10.5mm

Shaft size	Plain	With line
3mm	SW290 003	SW291 003
1/8 in	SW290 125	SW291 125
4mm	SW290 004	SW291 004
3/16 in	SW290 187	SW291 187
6mm	SW290 006	SW291 006
1/4 in	SW290 250	SW291 250

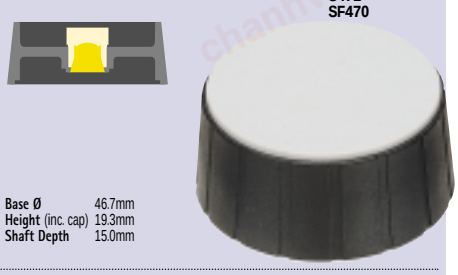
29mm — K290 K291



Base Ø 29.5mm
Height (inc. cap) 22.3mm
Shaft Depth 15.0mm

Shaft size	Plain	With line
3mm	K290 003	K291 003
1/8 in	K290 125	K291 125
4mm	K290 004	K291 004
6mm	K290 006	K291 006
1/4 in	K290 250	K291 250

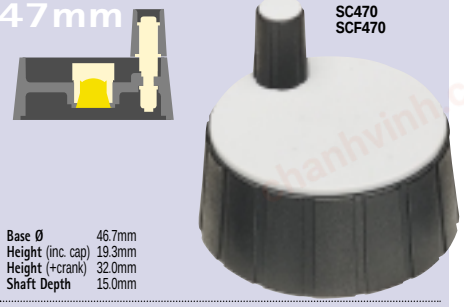
47mm — S470 S471 SF470 SF471



Base Ø 46.7mm
Height (inc. cap) 19.3mm
Shaft Depth 15.0mm

Shaft size	Plain	With line
6mm	S470 006	S471 006
1/4 in	S470 250	S471 250
Weighted		
6mm	SF470 006	SF471 006
1/4 in	SF470 250	SF471 250

47mm — SC470 SCF470



Base Ø 46.7mm
Height (inc. cap) 19.3mm
Height (+crank) 32.0mm
Shaft Depth 15.0mm

Shaft size	Plain
6mm	SC470 006
1/4 in	SC470 250
Weighted	
6mm	SCF470 006
1/4 in	SCF470 250

SB151, SB211, SB291

These can be supplied with line printing on both wings. To specify, replace last digit '1' with '3'. eg: SB153

Ordering procedure

Please remember to quote the appropriate Collet knobs and accessory part number for each item according to type, size and plain or with line requirements. Please also state the colour required when ordering. Available colours are referred to on Page 9.

Packaging

Collet knobs and accessories are packed, as standard, in multiples of ten. For orders over one hundred pieces, items may be packed in bulk and quantity discounts are available.

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Two colour soft touch collets

15mm

3/02/S150
3/02/S151





Base Ø 15.5mm
Height (inc. cap) 14.3mm
Shaft Depth 7.0mm

Shaft size	Plain	With line
3mm	3/02/S150 003	3/02/S151 003
1/8 in	3/02/S150 125	3/02/S151 125
4mm	3/02/S150 004	3/02/S151 004
3/16 in	3/02/S150 187	3/02/S151 187
6mm	3/02/S150 006	3/02/S151 006
1/4 in	3/02/S150 250	3/02/S151 250

21mm

3/02/S210
3/02/S211





Base Ø 21.5mm
Height (inc. cap) 17.7mm
Shaft Depth 10.0mm

Shaft size	Plain	With line
3mm	3/02/S210 003	3/02/S211 003
1/8 in	3/02/S210 125	3/02/S211 125
4mm	3/02/S210 004	3/02/S211 004
3/16 in	3/02/S210 187	3/02/S211 187
6mm	3/02/S210 006	3/02/S211 006
1/4 in	3/02/S210 250	3/02/S211 250



Accessories – part numbers

Please refer to Page 9 for available colours

Caps


Plain


With line


With Spot


Finger Recess

	Plain	With line	With Spot	Finger Recess
10mm	C100	C101	C102	
11mm	C110	C111	C112	
13mm	C130	C131	C132	
15mm	C150	C151	C152	
21mm	C210	C211	C212	
29mm	C290	C291	C292	
38mm	C380	C381	C382	CF380
47mm	C470	C471	C472	CF470







Nut covers*


Plain With line

	Plain	With line	
10mm			
11mm	N110	N111	Ø = 14.0mm
13mm	N130	N131	Ø = 17.5mm
15mm	N150	N151	Ø = 18.5mm
21mm			
29mm			
38mm			

Pointers*

Not applicable to types SP, SB, SW and W



10mm		
11mm	P110	R = 8.0mm
13mm	P130	R = 9.5mm
15mm	P150	R = 10.5mm
21mm	P210	R = 14.0mm
29mm	P290	R = 19.0mm
38mm	P380	R = 24.0mm

Stators*


Adhesive Backed

10mm		
11mm	R110	Ø = 23.0mm
13mm	R130	Ø = 26.0mm
15mm	R150	Ø = 28.2mm
21mm	R210	Ø = 36.0mm
29mm	R290	Ø = 46.2mm
38mm	R380	Ø = 56.0mm





Figure Dials*

Markings other than those shown are available to special order


Plain 0-11/30° 1-12/30° 0-9/36° 1-10/36° 0-5/60° 1-6/60° 300° Single White Arrow

10mm										
11mm	D110	D111	D112	D113	D114	D115	D116	D118	D119	Ø = 24.0mm
13mm	D130	D131	D132	D133	D134	D135	D136	D138	D139	Ø = 27.0mm
15mm	D150	D151	D152	D153	D154	D155	D156	D158	D159	Ø = 29.0mm
21mm	D210	D211	D212	D213	D214	D215	D216	D218	D219	Ø = 37.0mm
29mm	D290	D291	D292	D293	D294	D295	D296	D298	D299	Ø = 47.0mm
38mm	D380	D381	D382	D383	D384	D385	D386	D388	D389	Ø = 57.0mm

* Cannot be used with soft-touch collet knobs.





Tools

Tools are available for tightening the slotted collars in 10, 11, 13 and 15mm knobs.

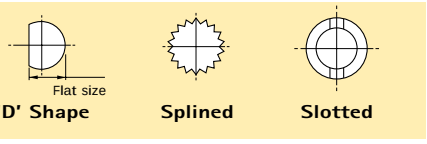


Conventional push–on knobs

A quality push-on knob manufactured in nylon, matching the style of the collet range, with a finely textured matt finish. All require a cap as per the collet range (other accessories cannot be fitted). All knobs shown are available in black or grey as standard. Other colours are available to order. Please refer to Page 9.

Shaft configuration

Our push-on knobs have been designed to provide a simple and secure shaft attachment. The internal moulding grips the shaft securely, with 'D' shape, splined or slotted configurations. Some 'D' shape shafts feature an integral metal compression ring.



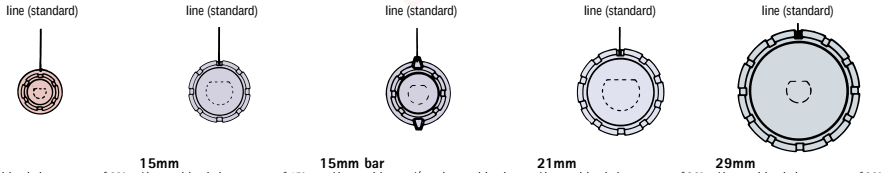
Dual Concentric

11 & 15mm knobs can be supplied for this application. Please contact sales office for details.

Line positioning for flatted shafts

As standard, line printing, if required, will be in the position detailed in the drawings below. Should you require alternative line positioning, please state the location with your order. The printed line may be positioned centrally in any flute; flutes are at increments of 60° on 11mm knobs, 45° on 15mm knobs, 36° on 21mm knobs and 30° on 29mm knobs.

The 15mm bar knob is shown below in the SIFAM standard form, with the wings perpendicular to the shaft 'flat'. However, the angle of the wings to the 'flat' of the shaft may be altered by 45° increments if required.



11mm
Line position in increments of 60° from SIFAM standard (Moulded and printed to order)

15mm
Line position in increments of 45° from SIFAM standard (Moulded and printed to order)

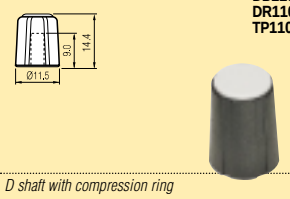
15mm bar
Line position and/or wing position in increments of 60° from SIFAM standard (Moulded and printed to order)

21mm
Line position in increments of 36° from SIFAM standard (Moulded and printed to order)

29mm
Line position in increments of 30° from SIFAM standard (Moulded and printed to order)

11mm

DA110/111 DB110/111 DR110/111 TP110/111



D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
4mm	3mm	DA110 004	DA111 004
4mm	2.5mm	DB110 004	DB111 004

D shaft without compression ring

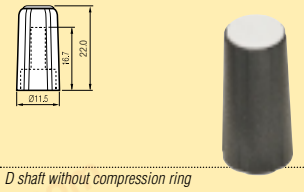
6mm	4.5mm	DR110 006	DR111 006

Splined shaft without compression ring

6mm	18sp	TP110 006	TP111 006

11mm

DRK110/111

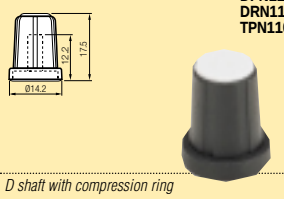


D shaft without compression ring

Shaft	Flat/Sp	Plain	With line
6mm	4.5mm	DRK110 006	DRK111 006

11mm

DAN110/111 DPN110/111 DRN110/111 TPN110/111



D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
1/8 in	2.38mm	DAN110 125	DAN111 125
4mm	3mm	DAN110 004	DAN111 004

D shaft without compression ring

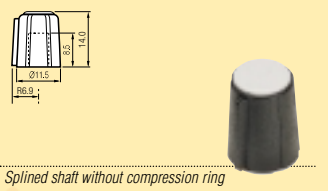
4mm	3mm	DPN110 004	DPN111 004
6mm	4.5mm	DRN110 006	DRN111 006

Splined shaft without compression ring

4.55mm	18sp	TPN110 180	TPN111 180
6mm	18sp	TPN110 006	TPN111 006

11mm

TPP110/111

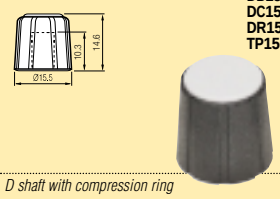


Splined shaft without compression ring

Shaft	Flat/Sp	Plain	With line
6mm	18sp	TPP110 006	TPP111 006

15mm

DA150/151 DB150/151 DC150/151 DR150/151 TP150/151



D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
4mm	3mm	DA150 004	DA151 004
6mm	5mm	DA150 006	DA151 006
6mm	4mm	DB150 006	DB151 006
6mm	4.5mm	DC150 006	DC151 006
1/4 in	5.54mm	DA150 250	DA151 250
1/4 in	4mm	DB150 250	DB151 250

D shaft without compression ring

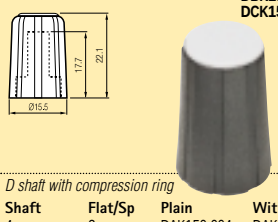
6mm	4.5mm	DR150 006	DR151 006

Splined shaft without compression ring

6mm	18sp	TP150 006	TP151 006

15mm

DAK150/151 DBK150/151 DCK150/151

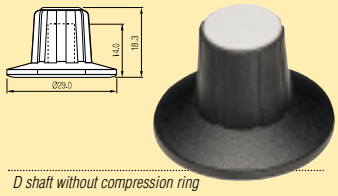


D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
4mm	3mm	DAK150 004	DAK151 004
6mm	5mm	DAK150 006	DAK151 006
6mm	4mm	DBK150 006	DBK151 006
6mm	4.5mm	DCK150 006	DCK151 006
1/4 in	5.54mm	DAK150 250	DAK151 250

15mm

DRD150/157

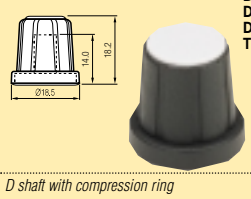


D shaft without compression ring

Shaft	Flat/Sp	Plain	With line
6mm	4.5mm	DRD150 006	DRD157 006

15mm

DAN150/151 DBN150/151 DCN150/151 DPN150/151 TPN150/151



D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
4mm	3mm	DAN150 004	DAN151 004
6mm	5mm	DAN150 006	DAN151 006
6mm	4mm	DBN150 006	DBN151 006
6mm	4.5mm	DCN150 006	DCN151 006
1/4 in	5.54mm	DAN150 250	DAN151 250
1/4 in	4mm	DBN150 250	DBN151 250

D shaft without compression ring

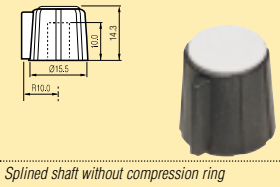
6mm	5mm	DPN150 006	DPN151 006
1/4 in	5.54mm	DPN150 250	DPN151 250

Splined shaft without compression ring

4.55mm	18sp	TPN150 180	TPN151 180
6mm	18sp	TPN150 006	TPN151 006
1/4 in	24sp	TPN150 250	TPN151 250

15mm

TPP150/151

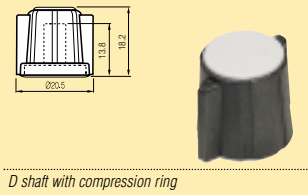


Splined shaft without compression ring

Shaft	Flat/Sp	Plain	With line
6mm	18sp	TPP150 006	TPP151 006

15mm

DANB150/151 DBNB150/151

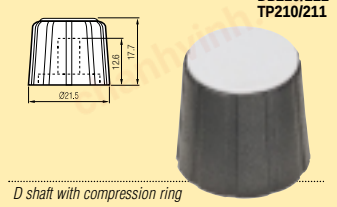


D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
6mm	5mm	DANB150 006	DANB151 006
6mm	4mm	DBNB150 006	DBNB151 006
1/4 in	5.54mm	DANB150 250	DANB151 250

21mm

DA210/211 DB210/211 TP210/211



D shaft with compression ring

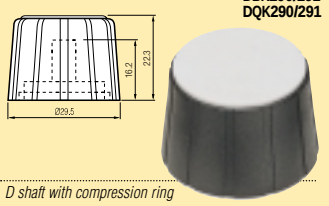
Shaft	Flat/Sp	Plain	With line
4mm	3mm	DA210 004	DA211 004
6mm	5mm	DA210 006	DA211 006
6mm	4mm	DB210 006	DB211 006
1/4 in	5.54mm	DA210 250	DA211 250

Splined shaft without compression ring

4.55mm	18sp	TP210 180	TP211 180
1/4 in	24sp	TP210 250	TP211 250

29mm

DAK290/291 DBK290/291 DQK290/291



D shaft with compression ring

Shaft	Flat/Sp	Plain	With line
3/16 in	4mm	DAK290 187	DAK291 187
6mm	5mm	DAK290 006	DAK291 006
6mm	4mm	DBK290 006	DBK291 006
1/4 in	5.54mm	DAK290 250	DAK291 250

D shaft without compression ring

6mm	4mm	DQK290 006	DQK291 006

Colour Charts

Item Colour	Print Colour**	Collet knobs	Soft Touch Collet knobs: Line	Soft Touch Collet knobs: Body	Conventional Push-on Knobs	Caps	Nut Covers**	Pointers**	Coloured Figure Dials**	Stators**	Two Colour Push-on Knobs Hard or Soft finish: Pointer	Two Colour Push-on Knobs Hard or Soft finish: Body	Single Colour Slider	Two Colour Slider Knobs Hard or Soft finish: Line	Two Colour Slider Knobs Hard or Soft finish: Body	Pushbuttons
Black	W	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dark Grey	W	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Mid Grey	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Grey	B	✓	✓	0	✓	✓	✓	✓	X	-	✓	X	X	✓	X	✓
White	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	✓
Lupin	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Red	W	0	0	0	X	✓	✓	✓	X	-	✓	X	X	✓	X	✓
Orange	W	0	0	0	X	✓	X	X	X	-	✓	X	X	✓	X	0
Yellow	B	0	0	0	X	✓	X	✓	X	-	✓	X	X	✓	X	0
Cream	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Peach	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Hopsack	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Pastel Green	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Bright Green	W	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Green	W	0	0	0	X	✓	X	✓	X	-	✓	X	X	✓	X	0
Pale Blue	B	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Bright Aqua	W	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0
Blue	W	0	0	0	X	✓	X	✓	X	-	✓	X	X	✓	X	0
Magenta	W	0	0	0	X	X	X	X	X	-	✓	X	X	✓	X	0

✓ = Standard X = 1000 pcs minimum 0 = 5000 pcs minimum (W) = White (B) = Black ** = Not applicable to Soft Touch Collet knobs

Push–on knobs – two colour in soft/hard touch

In addition to our conventional range of push-on knobs, we offer more specialised items, each incorporating design features tailored to meet the changing requirements of some customers. A two shot moulding process is used so that the cap/pointer is an integral part of the knob, thus avoiding subsequent assembly costs. Soft touch knobs are of polypropylene and thermoplastic elastomer to provide a smooth velvet feel, the hard touch is all polypropylene.

Colours

The standard body colour is Black. Other colours are available to order. Pointers are available in a wide range of colours. Please refer to Page 9 for colour options.

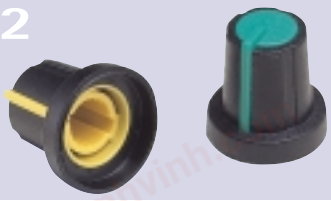
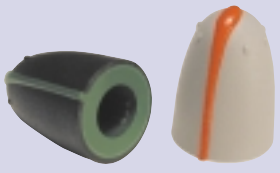
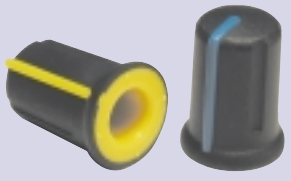
Ordering procedure

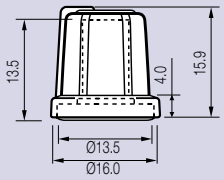
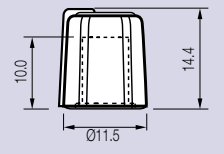
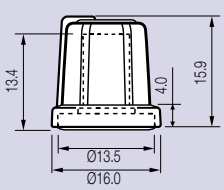
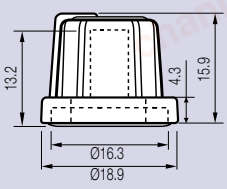
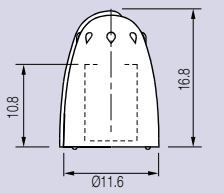
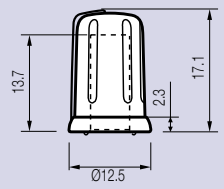
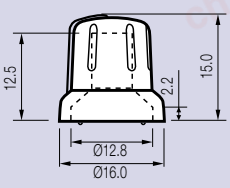
Please quote the part number and state required body and pointer colour. Available colours are referred to on Page 9. For special colours please contact the Sales Office. For items fitting to D shafts the pointer will be positioned as standard opposite the flat. If alternative orientation is required please state the number of degrees clockwise from the standard position when viewed from the top. Minimum quantity 1000.

Packaging

Push-on knobs will be packed in bulk.



3/02		11mm
3/03		11mm
		11mm
		11mm
3/03		11mm
3/03		13mm
3/04 6/04		11mm
3/05 6/05		10mm
3/05 6/05		12mm

Dimensions	Part Number	Shaft Style	Description
	**3/02/TPN110 006**	6mm SHAFT Ø, 18 SPLINES	Traditional SIFAM styling with integral nut cover and soft touch finish. The pointer continues over to the top centre of the knob body. The top of the knob is colour co-ordinated with the pointer.
	3/02/DRN110 006	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/03/TP110 006**	6mm SHAFT Ø, 18 SPLINES	Traditional SIFAM styling in soft touch finish. The pointer continues over to top centre of the knob body to provide accurate positioning without the more prominent colour coding of the 3/02 series.
	3/03/DP110 004	FLAT SIZE 4mm SHAFT Ø, 3mm FLAT SIZE Specify orientation of pointer to flat	
	3/03/DR110 006	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/03/TPN110 006**	6mm SHAFT Ø, 18 SPLINES	As above but with integral nut cover. Available in both 11mm and 13mm diameters.
	3/03/DRN110 006	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/03/TPN130 006**	6mm SHAFT Ø, 18 SPLINES	
	3/03/DRN130 006	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/04/TPP110 006** **6/04/TPPN110 006**	6mm SHAFT Ø, 18 SPLINES	Contemporary styling with pointer continuing to top centre. With the smooth finish gripping pips are provided around the top surface. The 3/04 Series has a soft touch finish and the 6/04 a hard finish. The 6/04 Series only is also available in a three colour version. Please contact the Sales Office for availability.
	3/04/DRP110 006 **6/04/DRNP110 006**	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/05/TPP100 006** **6/05/TPP100 006**	6mm SHAFT Ø, 18 SPLINES	Modern styling with integral nut cover and pointer extending over the top centre of the knob body. Available in both 10mm and 12mm body diameters. The 3/05 Series has a soft touch finish and 6/05 a hard finish.
	3/05/DRP100 006 **6/05/DRP100 006**	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	
	**3/05/TPNP120 006** **6/05/TPNP120 006**	6mm SHAFT Ø, 18 SPLINES	
	3/05/DRNP120 006 **6/05/DRNP120 006**	FLAT SIZE 6mm SHAFT Ø, 4.5mm FLAT SIZE Specify orientation of pointer to flat	

Slider knobs

SIFAM's slider knobs are designed and shaped to provide a stylish appearance with ease of control. The extensive range, in a matt finish, is intended to suit the needs of both applications and users. Various materials are used depending on the design. Where nylon is specified this will match the finish of other SIFAM control knobs and pushbuttons moulded in this material. Likewise soft touch versions will complement the rotary push-on knobs with the same finish.

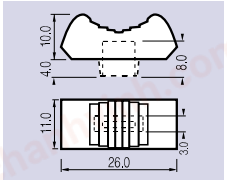
Slider knobs are available, as standard, with black body mouldings but other colours are available. Lines whether printed or moulded are supplied in white, as standard, but other colours are available to order and can complement control knobs and pushbuttons, if required. Available colours are referred to on Page 9. Apart from the tang sizes shown, others may be able to be accommodated.

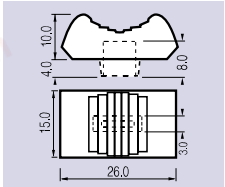
Should you have a requirement not covered by our standard range, please contact the Sales Office.



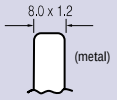
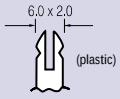
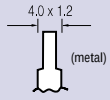
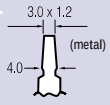
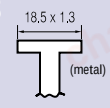
02 LK110 **02 LK150**
04 LK110 **04 LK150**

Moulded in nylon the optional indicator line is printed on the top only. The 04 model has an underhang for the 01 tang only.





Tang Details

01		PLAIN	02 LK110 01 04 LK110 01	PLAIN	02 LK150 01 04 LK150 01
		WITH LINE	02 LK111 01 04 LK111 01	WITH LINE	02 LK151 01 04 LK151 01
02		PLAIN	02 LK110 02	PLAIN	02 LK150 02
		WITH LINE	02 LK111 02	WITH LINE	02 LK151 02
03		PLAIN	02 LK110 03	PLAIN	02 LK150 03
		WITH LINE	02 LK111 03	WITH LINE	02 LK151 03
04		PLAIN	02 LK110 04	PLAIN	02 LK150 04
		WITH LINE	02 LK111 04	WITH LINE	02 LK151 04
08		PLAIN	02 LK110 08	PLAIN	02 LK150 08
		WITH LINE	02 LK111 08	WITH LINE	02 LK151 08

Pushbuttons

SIFAM's pushbuttons are moulded in a matt-finish nylon to match the style and appearance of other SIFAM control knobs. They are available, as standard, in black, grey, red and white. Other colours are available to order, please refer to Page 9. Should you have a requirement not covered by our standard range, please contact the Sales Office.

Special Printing

We are happy to offer our printing facility to those customers requiring special markings on our pushbutton products. Letters, numbers, symbols or logos may be printed to provide a high quality, durable, versatile and cost-effective added feature.

Please note that minimum order quantities apply to printed pushbuttons and other special requirements.



4/02 LK110 4/02 LK150

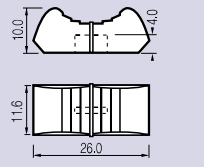
Two shot, two colour design is a variant of the 3/02 model with both the body and line moulded in nylon.

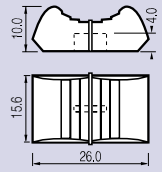
3/02 LK110 3/02 LK150

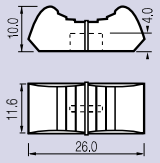
Two shot, two colour soft touch finish with the outer body moulded in thermoplastic elastomer gives a smooth velvet feel. The indicator line, moulded in polypropylene, extends across the top and both sides.

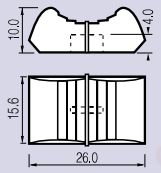
05 LK080 05 LK120

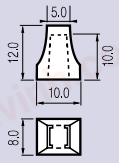
Moulded in nylon the optional indicator line is printed on the top only.

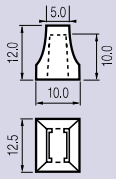




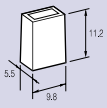
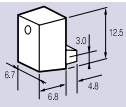
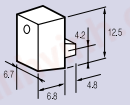
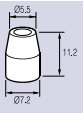
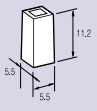








WITH LINE 4/02 LK110 01	WITH LINE 4/02 LK150 01	WITH LINE 3/02 LK110 01	WITH LINE 3/02 LK150 01		
WITH LINE 4/02 LK110 02	WITH LINE 4/02 LK150 02				
WITH LINE 4/02 LK110 03	WITH LINE 4/02 LK150 03	WITH LINE 3/02 LK110 03	WITH LINE 3/02 LK150 03	PLAIN 05 LK080 03 WITH LINE 05 LK081 03	PLAIN 05 LK120 03 WITH LINE 05 LK121 03
WITH LINE 4/02 LK110 04	WITH LINE 4/02 LK150 04	WITH LINE 3/02 LK110 04	WITH LINE 3/02 LK150 04	PLAIN 05 LK080 04 WITH LINE 05 LK081 04	PLAIN 05 LK120 04 WITH LINE 05 LK121 04
WITH LINE 4/02 LK110 08	WITH LINE 4/02 LK150 08	WITH LINE 3/02 LK110 08	WITH LINE 3/02 LK150 08		

		Part Number	Shaft Size (mm)	Printing
Rectangular		**PB 01/50/000** (RECESSED TOP) **PB 01/51/000** (RECESSED TOP) **PB 07/50/000** (FLAT TOP) **PB 07/51/000** (FLAT TOP)	**3.3** **2.8** **3.3** **2.8**	Maximum 1 line 6 characters 2 lines 6 characters per line
Illuminated		**4/001/PB 11/50/000** (FLAT TOP)	**3.3**	Maximum 1 line 4 characters 2 lines 4 characters per line
Illuminated		**4/001/PB 11/51/000** (FLAT TOP)	**2.8**	Maximum 1 line 4 characters 2 lines 4 characters per line
Round/Tapered		**PB 02/50/000** (RECESSED TOP) **PB 02/51/000** (RECESSED TOP) **PB 08/50/000** (FLAT TOP) **PB 08/51/000** (FLAT TOP)	**3.3** **2.8** **3.3** **2.8**	Maximum 1 line 2 characters
Square		**PB 03/50/000** (RECESSED TOP) **PB 03/51/000** (RECESSED TOP) **PB 09/50/000** (FLAT TOP) **PB 09/51/000** (FLAT TOP)	**3.3** **2.8** **3.3** **2.8**	Maximum 1 line 3 characters 2 lines 2 characters per line
Cylindrical		**PB 04/50/000** (RECESSED TOP) **PB 04/51/000** (RECESSED TOP) **PB 10/50/000** (FLAT TOP) **PB 10/51/000** (FLAT TOP)	**3.3** **2.8** **3.3** **2.8**	Maximum 1 line 2 characters

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Other SIFAM products and services



Custom moulded controls design and production

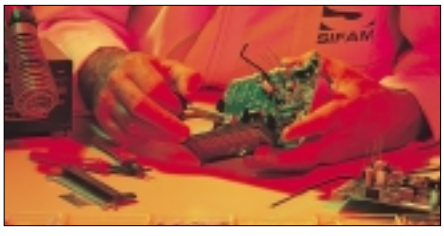
When your product needs a unique look, SIFAM will cater for most requirements from design through to manufacture. At every stage of the process you are guaranteed expert attention.

We can work to a design concept specified by your product designer right from the initial consultancy stage. Almost any design can be produced in virtually any colour. If you are considering this as an option please contact the Sales Office for further details.



Meters

A range of quality analogue and digital panel meters to meet the needs of many industries - from the best in the business! A quality electrical instrument can make all the difference to your product's performance - and your reputation for quality. Talk to SIFAM. Available in a wide range of case designs and sizes for industrial and professional audio applications. There is also an option of movements only being supplied for customers own cases.



Contract Manufacturing

SIFAM offers its extensive manufacturing resource to other companies requiring external production. Please contact the Sales Office for a consultation.



SIFAM Quality – Worldwide

SIFAM has a worldwide network of distributors, please contact the Sales Office for further details or refer to our website at www.sifam.com under 'distributors'.

All SIFAM Instruments Limited products are manufactured to the highest standards of quality. Our Quality Management System is assessed to ISO 9001. For further information, or Sales Literature on any of our products or customer service, please contact the Sales Office.

SIFAM

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info@sifam.com www.sifam.com

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001

As part of our policy of continuous product improvement we reserve the right to change specifications at any time.

MK1050/11/01/10000UK