



RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON



Ritel's range of quality products feature control knobs in various sizes, designs, and colours, with full accessories such as caps, dials, and pointers. Both standard and matt finishes are available. Standard collet knobs, short knobs, double knobs with coaxial collets, push-on knobs, soft-touch knobs, conductive knobs, and 4mm terminals are included in the range. Please refer to Ritel's catalogue and website for a detailed description of the product range, including photos and technical drawings.

All the various Ritel control knob part numbers are of the form 'ab cd ef g', where 'ab' is the knob design, 'cd' is the knob size, 'ef' is the collet type, and 'g' is the colour. 'ST' is added at the end of the basic shape knob part number to form the soft-touch knob part number (see page 27). Ritel's knobs, accessories, and terminals are all RoHS compliant. The temperature specification for all standard Ritel parts for normal mechanical stress is -20°C to +70°C.

CONTENTS

	Page
8mm Knob	1
10mm Knob	2
13mm Knob	4
15mm Knob	6
21mm Knob	8
28mm Knob	10
36mm Knob	12
45mm Knob	14
15 mm Short Knob	15
21-36mm Short Knob	17
21-36mm Short Wing Knob	18
8-45mm Accessories, including dials, stators, and arrows	19
10, 13, 15mm Accessories (i.e. nut covers)	23
Double Knobs with coaxial collets	24
Push-on Knobs with matt finish	26
Soft-touch Knobs with matt finish, and Conductive Knobs	27
General Accessories and 4mm Terminals (10mm and 15mm)	28

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Collet knobs are made up of three main parts: the body, the cap, and an optional skirt such as a dial or an arrow. Collet knobs, which are available in a large variety of sizes, colours, and designs, ensure a secure mounting and are suitable for most instrument knob applications. They can be used for all standard potentiometer and switch shaft diameters, such as 3mm, 0.125 inch, 4mm, 6mm, and 0.25 inch, which are either cylindrical or with flat (i.e. D-shaped). Sizes of Ritel knobs range from body diameters of 8mm to 45mm. All standard Ritel collet knobs are mounted with screws which are a combination of ordinary one-slot screws and Phillips cross-slot screws. These screws may be tightened with either an ordinary screwdriver or a Phillips screwdriver. The cap snap fits into the top of the knob. Pictures of various control knobs with caps are shown on the front page of this range summary. Pictures and details of all the dials, stators, and arrows are shown in the section on Accessories, starting on page 19.

8mm Knob

		8mm Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	20 08 30 1	20 08 30 2	20 08 30 3	20 08 30 4	21 08 30 1	21 08 30 2	21 08 30 3	21 08 30 4
	1/8"	20 08 31 1	20 08 31 2	20 08 31 3	20 08 31 4	21 08 31 1	21 08 31 2	21 08 31 3	21 08 31 4
	4	20 08 40 1	20 08 40 2	20 08 40 3	20 08 40 4	21 08 40 1	21 08 40 2	21 08 40 3	21 08 40 4
matt	3	26 08 30 1	26 08 30 2	26 08 30 3	26 08 30 4	27 08 30 1	27 08 30 2	27 08 30 3	27 08 30 4
	1/8"	26 08 31 1	26 08 31 2	26 08 31 3	26 08 31 4	27 08 31 1	27 08 31 2	27 08 31 3	27 08 31 4
	4	26 08 40 1	26 08 40 2	26 08 40 3	26 08 40 4	27 08 40 1	27 08 40 2	27 08 40 3	27 08 40 4

		8mm Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	22 08 30 1	22 08 30 2	22 08 30 3	22 08 30 4	23 08 30 1	23 08 30 2	23 08 30 3	23 08 30 4
	1/8"	22 08 31 1	22 08 31 2	22 08 31 3	22 08 31 4	23 08 31 1	23 08 31 2	23 08 31 3	23 08 31 4
	4	22 08 40 1	22 08 40 2	22 08 40 3	22 08 40 4	23 08 40 1	23 08 40 2	23 08 40 3	23 08 40 4
matt	3	28 08 30 1	28 08 30 2	28 08 30 3	28 08 30 4	29 08 30 1	29 08 30 2	29 08 30 3	29 08 30 4
	1/8"	28 08 31 1	28 08 31 2	28 08 31 3	28 08 31 4	29 08 31 1	29 08 31 2	29 08 31 3	29 08 31 4
	4	28 08 40 1	28 08 40 2	28 08 40 3	28 08 40 4	29 08 40 1	29 08 40 2	29 08 40 3	29 08 40 4

		Flat Cap for all 8mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	30 08 00 1	30 08 00 2	30 08 00 3	30 08 00 4	30 08 00 5	30 08 00 6	30 08 00 7
	matt	30 08 10 1	30 08 10 2	30 08 10 3	30 08 10 4	30 08 10 5	30 08 10 6	30 08 10 7
with line	standard	30 08 01 1	30 08 01 2	30 08 01 3	30 08 01 4	30 08 01 5	30 08 01 6	30 08 01 7
	matt	30 08 11 1	30 08 11 2	30 08 11 3	30 08 11 4	30 08 11 5	30 08 11 6	30 08 11 7
with curved arrow	standard	30 08 02 1	30 08 02 2	30 08 02 3	30 08 02 4	30 08 02 5	30 08 02 6	30 08 02 7
	matt	30 08 12 1	30 08 12 2	30 08 12 3	30 08 12 4	30 08 12 5	30 08 12 6	30 08 12 7
with arrow	standard	30 08 03 1	30 08 03 2	30 08 03 3	30 08 03 4	30 08 03 5	30 08 03 6	30 08 03 7
	matt	30 08 13 1	30 08 13 2	30 08 13 3	30 08 13 4	30 08 13 5	30 08 13 6	30 08 13 7

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10mm Knob

		10mm Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 3	20 10 30 1	20 10 30 2	20 10 30 3	20 10 30 4	21 10 30 1	21 10 30 2	21 10 30 3	21 10 30 4
	1/8"	20 10 31 1	20 10 31 2	20 10 31 3	20 10 31 4	21 10 31 1	21 10 31 2	21 10 31 3	21 10 31 4
	4	20 10 40 1	20 10 40 2	20 10 40 3	20 10 40 4	21 10 40 1	21 10 40 2	21 10 40 3	21 10 40 4
matt	3	26 10 30 1	26 10 30 2	26 10 30 3	26 10 30 4	27 10 30 1	27 10 30 2	27 10 30 3	27 10 30 4
	1/8"	26 10 31 1	26 10 31 2	26 10 31 3	26 10 31 4	27 10 31 1	27 10 31 2	27 10 31 3	27 10 31 4
	4	26 10 40 1	26 10 40 2	26 10 40 3	26 10 40 4	27 10 40 1	27 10 40 2	27 10 40 3	27 10 40 4

		10mm Wing Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 3	22 10 30 1	22 10 30 2	22 10 30 3	22 10 30 4	23 10 30 1	23 10 30 2	23 10 30 3	23 10 30 4
	1/8"	22 10 31 1	22 10 31 2	22 10 31 3	22 10 31 4	23 10 31 1	23 10 31 2	23 10 31 3	23 10 31 4
	4	22 10 40 1	22 10 40 2	22 10 40 3	22 10 40 4	23 10 40 1	23 10 40 2	23 10 40 3	23 10 40 4
matt	3	28 10 30 1	28 10 30 2	28 10 30 3	28 10 30 4	29 10 30 1	29 10 30 2	29 10 30 3	29 10 30 4
	1/8"	28 10 31 1	28 10 31 2	28 10 31 3	28 10 31 4	29 10 31 1	29 10 31 2	29 10 31 3	29 10 31 4
	4	28 10 40 1	28 10 40 2	28 10 40 3	28 10 40 4	29 10 40 1	29 10 40 2	29 10 40 3	29 10 40 4

		10mm Arrow Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 3	18 10 30 1	18 10 30 2	18 10 30 3	18 10 30 4	19 10 30 1	19 10 30 2	19 10 30 3	19 10 30 4
	1/8"	18 10 31 1	18 10 31 2	18 10 31 3	18 10 31 4	19 10 31 1	19 10 31 2	19 10 31 3	19 10 31 4
	4	18 10 40 1	18 10 40 2	18 10 40 3	18 10 40 4	19 10 40 1	19 10 40 2	19 10 40 3	19 10 40 4
matt	3	16 10 30 1	16 10 30 2	16 10 30 3	16 10 30 4	17 10 30 1	17 10 30 2	17 10 30 3	17 10 30 4
	1/8"	16 10 31 1	16 10 31 2	16 10 31 3	16 10 31 4	17 10 31 1	17 10 31 2	17 10 31 3	17 10 31 4
	4	16 10 40 1	16 10 40 2	16 10 40 3	16 10 40 4	17 10 40 1	17 10 40 2	17 10 40 3	17 10 40 4

		Flat Cap for 10mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	30 10 00 1	30 10 00 2	30 10 00 3	30 10 00 4	30 10 00 5	30 10 00 6	30 10 00 7
	matt	30 10 10 1	30 10 10 2	30 10 10 3	30 10 10 4	30 10 10 5	30 10 10 6	30 10 10 7
with line	standard	30 10 01 1	30 10 01 2	30 10 01 3	30 10 01 4	30 10 01 5	30 10 01 6	30 10 01 7
	matt	30 10 11 1	30 10 11 2	30 10 11 3	30 10 11 4	30 10 11 5	30 10 11 6	30 10 11 7
with curved arrow	standard	30 10 02 1	30 10 02 2	30 10 02 3	30 10 02 4	30 10 02 5	30 10 02 6	30 10 02 7
	matt	30 10 12 1	30 10 12 2	30 10 12 3	30 10 12 4	30 10 12 5	30 10 12 6	30 10 12 7
with arrow	standard	30 10 03 1	30 10 03 2	30 10 03 3	30 10 03 4	30 10 03 5	30 10 03 6	30 10 03 7
	matt	30 10 13 1	30 10 13 2	30 10 13 3	30 10 13 4	30 10 13 5	30 10 13 6	30 10 13 7

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
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10mm Knob cont.

		Prismatic Cap for 10mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	31 10 00 1	31 10 00 2	31 10 00 3	31 10 00 4	31 10 00 5	31 10 00 6	31 10 00 7
	matt	31 10 10 1	31 10 10 2	31 10 10 3	31 10 10 4	31 10 10 5	31 10 10 6	31 10 10 7
with point	standard	31 10 04 1	31 10 04 2	31 10 04 3	31 10 04 4	31 10 04 5	31 10 04 6	31 10 04 7
	matt	31 10 14 1	31 10 14 2	31 10 14 3	31 10 14 4	31 10 14 5	31 10 14 6	31 10 14 7

		Curved Cap for 10mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 10 00 1	32 10 00 2	32 10 00 3	32 10 00 4	32 10 00 5	32 10 00 6	32 10 00 7
	matt	32 10 10 1	32 10 10 2	32 10 10 3	32 10 10 4	32 10 10 5	32 10 10 6	32 10 10 7
with line	standard	32 10 01 1	32 10 01 2	32 10 01 3	32 10 01 4	32 10 01 5	32 10 01 6	32 10 01 7
	matt	32 10 11 1	32 10 11 2	32 10 11 3	32 10 11 4	32 10 11 5	32 10 11 6	32 10 11 7

		Flat Cap with Aluminium Disk for 10mm Knobs			
		light grey ring	dark grey ring	black ring	red ring
plain	standard	35 10 00 1	35 10 00 2	35 10 00 3	35 10 00 4
	matt	35 10 10 1	35 10 10 2	35 10 10 3	35 10 10 4
with line	standard	35 10 01 1	35 10 01 2	35 10 01 3	35 10 01 4
	matt	35 10 11 1	35 10 11 2	35 10 11 3	35 10 11 4

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13mm Knob

		13mm Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	20 13 30 1	20 13 30 2	20 13 30 3	20 13 30 4	21 13 30 1	21 13 30 2	21 13 30 3	21 13 30 4
	1/8"	20 13 31 1	20 13 31 2	20 13 31 3	20 13 31 4	21 13 31 1	21 13 31 2	21 13 31 3	21 13 31 4
	4	20 13 40 1	20 13 40 2	20 13 40 3	20 13 40 4	21 13 40 1	21 13 40 2	21 13 40 3	21 13 40 4
	6	20 13 60 1	20 13 60 2	20 13 60 3	20 13 60 4	21 13 60 1	21 13 60 2	21 13 60 3	21 13 60 4
	1/4"	20 13 61 1	20 13 61 2	20 13 61 3	20 13 61 4	21 13 61 1	21 13 61 2	21 13 61 3	21 13 61 4
matt	3	26 13 30 1	26 13 30 2	26 13 30 3	26 13 30 4	27 13 30 1	27 13 30 2	27 13 30 3	27 13 30 4
	1/8"	26 13 31 1	26 13 31 2	26 13 31 3	26 13 31 4	27 13 31 1	27 13 31 2	27 13 31 3	27 13 31 4
	4	26 13 40 1	26 13 40 2	26 13 40 3	26 13 40 4	27 13 40 1	27 13 40 2	27 13 40 3	27 13 40 4
	6	26 13 60 1	26 13 60 2	26 13 60 3	26 13 60 4	27 13 60 1	27 13 60 2	27 13 60 3	27 13 60 4
	1/4"	26 13 61 1	26 13 61 2	26 13 61 3	26 13 61 4	27 13 61 1	27 13 61 2	27 13 61 3	27 13 61 4

		13mm Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	22 13 30 1	22 13 30 2	22 13 30 3	22 13 30 4	23 13 30 1	23 13 30 2	23 13 30 3	23 13 30 4
	1/8"	22 13 31 1	22 13 31 2	22 13 31 3	22 13 31 4	23 13 31 1	23 13 31 2	23 13 31 3	23 13 31 4
	4	22 13 40 1	22 13 40 2	22 13 40 3	22 13 40 4	23 13 40 1	23 13 40 2	23 13 40 3	23 13 40 4
	6	22 13 60 1	22 13 60 2	22 13 60 3	22 13 60 4	23 13 60 1	23 13 60 2	23 13 60 3	23 13 60 4
	1/4"	22 13 61 1	22 13 61 2	22 13 61 3	22 13 61 4	23 13 61 1	23 13 61 2	23 13 61 3	23 13 61 4
matt	3	28 13 30 1	28 13 30 2	28 13 30 3	28 13 30 4	29 13 30 1	29 13 30 2	29 13 30 3	29 13 30 4
	1/8"	28 13 31 1	28 13 31 2	28 13 31 3	28 13 31 4	29 13 31 1	29 13 31 2	29 13 31 3	29 13 31 4
	4	28 13 40 1	28 13 40 2	28 13 40 3	28 13 40 4	29 13 40 1	29 13 40 2	29 13 40 3	29 13 40 4
	6	28 13 60 1	28 13 60 2	28 13 60 3	28 13 60 4	29 13 60 1	29 13 60 2	29 13 60 3	29 13 60 4
	1/4"	28 13 61 1	28 13 61 2	28 13 61 3	28 13 61 4	29 13 61 1	29 13 61 2	29 13 61 3	29 13 61 4

		Flat Cap for 13mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	30 13 00 1	30 13 00 2	30 13 00 3	30 13 00 4	30 13 00 5	30 13 00 6	30 13 00 7	
	matt	30 13 10 1	30 13 10 2	30 13 10 3	30 13 10 4	30 13 10 5	30 13 10 6	30 13 10 7	
with line	standard	30 13 01 1	30 13 01 2	30 13 01 3	30 13 01 4	30 13 01 5	30 13 01 6	30 13 01 7	
	matt	30 13 11 1	30 13 11 2	30 13 11 3	30 13 11 4	30 13 11 5	30 13 11 6	30 13 11 7	
with curved arrow	standard	30 13 02 1	30 13 02 2	30 13 02 3	30 13 02 4	30 13 02 5	30 13 02 6	30 13 02 7	
	matt	30 13 12 1	30 13 12 2	30 13 12 3	30 13 12 4	30 13 12 5	30 13 12 6	30 13 12 7	
with arrow	standard	30 13 03 1	30 13 03 2	30 13 03 3	30 13 03 4	30 13 03 5	30 13 03 6	30 13 03 7	
	matt	30 13 13 1	30 13 13 2	30 13 13 3	30 13 13 4	30 13 13 5	30 13 13 6	30 13 13 7	

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13mm Knob cont.

		Prismatic Cap for 13mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	31 13 00 1	31 13 00 2	31 13 00 3	31 13 00 4	31 13 00 5	31 13 00 6	31 13 00 7
	matt	31 13 10 1	31 13 10 2	31 13 10 3	31 13 10 4	31 13 10 5	31 13 10 6	31 13 10 7
with point	standard	31 13 04 1	31 13 04 2	31 13 04 3	31 13 04 4	31 13 04 5	31 13 04 6	31 13 04 7
	matt	31 13 14 1	31 13 14 2	31 13 14 3	31 13 14 4	31 13 14 5	31 13 14 6	31 13 14 7

		Curved Cap for 13mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 13 00 1	32 13 00 2	32 13 00 3	32 13 00 4	32 13 00 5	32 13 00 6	32 13 00 7
	matt	32 13 10 1	32 13 10 2	32 13 10 3	32 13 10 4	32 13 10 5	32 13 10 6	32 13 10 7
with line	standard	32 13 01 1	32 13 01 2	32 13 01 3	32 13 01 4	32 13 01 5	32 13 01 6	32 13 01 7
	matt	32 13 11 1	32 13 11 2	32 13 11 3	32 13 11 4	32 13 11 5	32 13 11 6	32 13 11 7

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15mm Knob

		15mm Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	20 15 30 1	20 15 30 2	20 15 30 3	20 15 30 4	21 15 30 1	21 15 30 2	21 15 30 3	21 15 30 4
	1/8"	20 15 31 1	20 15 31 2	20 15 31 3	20 15 31 4	21 15 31 1	21 15 31 2	21 15 31 3	21 15 31 4
	4	20 15 40 1	20 15 40 2	20 15 40 3	20 15 40 4	21 15 40 1	21 15 40 2	21 15 40 3	21 15 40 4
	6	20 15 60 1	20 15 60 2	20 15 60 3	20 15 60 4	21 15 60 1	21 15 60 2	21 15 60 3	21 15 60 4
	1/4"	20 15 61 1	20 15 61 2	20 15 61 3	20 15 61 4	21 15 61 1	21 15 61 2	21 15 61 3	21 15 61 4
matt	3	26 15 30 1	26 15 30 2	26 15 30 3	26 15 30 4	27 15 30 1	27 15 30 2	27 15 30 3	27 15 30 4
	1/8"	26 15 31 1	26 15 31 2	26 15 31 3	26 15 31 4	27 15 31 1	27 15 31 2	27 15 31 3	27 15 31 4
	4	26 15 40 1	26 15 40 2	26 15 40 3	26 15 40 4	27 15 40 1	27 15 40 2	27 15 40 3	27 15 40 4
	6	26 15 60 1	26 15 60 2	26 15 60 3	26 15 60 4	27 15 60 1	27 15 60 2	27 15 60 3	27 15 60 4
	1/4"	26 15 61 1	26 15 61 2	26 15 61 3	26 15 61 4	27 15 61 1	27 15 61 2	27 15 61 3	27 15 61 4

		15mm Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	22 15 30 1	22 15 30 2	22 15 30 3	22 15 30 4	23 15 30 1	23 15 30 2	23 15 30 3	23 15 30 4
	1/8"	22 15 31 1	22 15 31 2	22 15 31 3	22 15 31 4	23 15 31 1	23 15 31 2	23 15 31 3	23 15 31 4
	4	22 15 40 1	22 15 40 2	22 15 40 3	22 15 40 4	23 15 40 1	23 15 40 2	23 15 40 3	23 15 40 4
	6	22 15 60 1	22 15 60 2	22 15 60 3	22 15 60 4	23 15 60 1	23 15 60 2	23 15 60 3	23 15 60 4
	1/4"	22 15 61 1	22 15 61 2	22 15 61 3	22 15 61 4	23 15 61 1	23 15 61 2	23 15 61 3	23 15 61 4
matt	3	28 15 30 1	28 15 30 2	28 15 30 3	28 15 30 4	29 15 30 1	29 15 30 2	29 15 30 3	29 15 30 4
	1/8"	28 15 31 1	28 15 31 2	28 15 31 3	28 15 31 4	29 15 31 1	29 15 31 2	29 15 31 3	29 15 31 4
	4	28 15 40 1	28 15 40 2	28 15 40 3	28 15 40 4	29 15 40 1	29 15 40 2	29 15 40 3	29 15 40 4
	6	28 15 60 1	28 15 60 2	28 15 60 3	28 15 60 4	29 15 60 1	29 15 60 2	29 15 60 3	29 15 60 4
	1/4"	28 15 61 1	28 15 61 2	28 15 61 3	28 15 61 4	29 15 61 1	29 15 61 2	29 15 61 3	29 15 61 4

		15mm Arrow Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	18 15 30 1	18 15 30 2	18 15 30 3	18 15 30 4	19 15 30 1	19 15 30 2	19 15 30 3	19 15 30 4
	1/8"	18 15 31 1	18 15 31 2	18 15 31 3	18 15 31 4	19 15 31 1	19 15 31 2	19 15 31 3	19 15 31 4
	4	18 15 40 1	18 15 40 2	18 15 40 3	18 15 40 4	19 15 40 1	19 15 40 2	19 15 40 3	19 15 40 4
	6	18 15 60 1	18 15 60 2	18 15 60 3	18 15 60 4	19 15 60 1	19 15 60 2	19 15 60 3	19 15 60 4
	1/4"	18 15 61 1	18 15 61 2	18 15 61 3	18 15 61 4	19 15 61 1	19 15 61 2	19 15 61 3	19 15 61 4
matt	3	16 15 30 1	16 15 30 2	16 15 30 3	16 15 30 4	17 15 30 1	17 15 30 2	17 15 30 3	17 15 30 4
	1/8"	16 15 31 1	16 15 31 2	16 15 31 3	16 15 31 4	17 15 31 1	17 15 31 2	17 15 31 3	17 15 31 4
	4	16 15 40 1	16 15 40 2	16 15 40 3	16 15 40 4	17 15 40 1	17 15 40 2	17 15 40 3	17 15 40 4
	6	16 15 60 1	16 15 60 2	16 15 60 3	16 15 60 4	17 15 60 1	17 15 60 2	17 15 60 3	17 15 60 4
	1/4"	16 15 61 1	16 15 61 2	16 15 61 3	16 15 61 4	17 15 61 1	17 15 61 2	17 15 61 3	17 15 61 4

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15mm Knob cont.

		Flat Cap for 15mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	30 15 00 1	30 15 00 2	30 15 00 3	30 15 00 4	30 15 00 5	30 15 00 6	30 15 00 7
	matt	30 15 10 1	30 15 10 2	30 15 10 3	30 15 10 4	30 15 10 5	30 15 10 6	30 15 10 7
with line	standard	30 15 01 1	30 15 01 2	30 15 01 3	30 15 01 4	30 15 01 5	30 15 01 6	30 15 01 7
	matt	30 15 11 1	30 15 11 2	30 15 11 3	30 15 11 4	30 15 11 5	30 15 11 6	30 15 11 7
with curved arrow	standard	30 15 02 1	30 15 02 2	30 15 02 3	30 15 02 4	30 15 02 5	30 15 02 6	30 15 02 7
	matt	30 15 12 1	30 15 12 2	30 15 12 3	30 15 12 4	30 15 12 5	30 15 12 6	30 15 12 7
with arrow	standard	30 15 03 1	30 15 03 2	30 15 03 3	30 15 03 4	30 15 03 5	30 15 03 6	30 15 03 7
	matt	30 15 13 1	30 15 13 2	30 15 13 3	30 15 13 4	30 15 13 5	30 15 13 6	30 15 13 7

		Prismatic Cap for 15mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	31 15 00 1	31 15 00 2	31 15 00 3	31 15 00 4	31 15 00 5	31 15 00 6	31 15 00 7
	matt	31 15 10 1	31 15 10 2	31 15 10 3	31 15 10 4	31 15 10 5	31 15 10 6	31 15 10 7
with point	standard	31 15 04 1	31 15 04 2	31 15 04 3	31 15 04 4	31 15 04 5	31 15 04 6	31 15 04 7
	matt	31 15 14 1	31 15 14 2	31 15 14 3	31 15 14 4	31 15 14 5	31 15 14 6	31 15 14 7

		Curved Cap for 15mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 15 00 1	32 15 00 2	32 15 00 3	32 15 00 4	32 15 00 5	32 15 00 6	32 15 00 7
	matt	32 15 10 1	32 15 10 2	32 15 10 3	32 15 10 4	32 15 10 5	32 15 10 6	32 15 10 7
with line	standard	32 15 01 1	32 15 01 2	32 15 01 3	32 15 01 4	32 15 01 5	32 15 01 6	32 15 01 7
	matt	32 15 11 1	32 15 11 2	32 15 11 3	32 15 11 4	32 15 11 5	32 15 11 6	32 15 11 7

		Flat Cap with Aluminium Disk for 15mm Knobs			
		light grey ring	dark grey ring	black ring	red ring
plain	standard	35 15 00 1	35 15 00 2	35 15 00 3	35 15 00 4
	matt	35 15 10 1	35 15 10 2	35 15 10 3	35 15 10 4
with line	standard	35 15 01 1	35 15 01 2	35 15 01 3	35 15 01 4
	matt	35 15 11 1	35 15 11 2	35 15 11 3	35 15 11 4

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21mm Knob

		21mm Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	20 21 30 1	20 21 30 2	20 21 30 3	20 21 30 4	21 21 30 1	21 21 30 2	21 21 30 3	21 21 30 4
	1/8"	20 21 31 1	20 21 31 2	20 21 31 3	20 21 31 4	21 21 31 1	21 21 31 2	21 21 31 3	21 21 31 4
	4	20 21 40 1	20 21 40 2	20 21 40 3	20 21 40 4	21 21 40 1	21 21 40 2	21 21 40 3	21 21 40 4
	6	20 21 60 1	20 21 60 2	20 21 60 3	20 21 60 4	21 21 60 1	21 21 60 2	21 21 60 3	21 21 60 4
	1/4"	20 21 61 1	20 21 61 2	20 21 61 3	20 21 61 4	21 21 61 1	21 21 61 2	21 21 61 3	21 21 61 4
matt	3	26 21 30 1	26 21 30 2	26 21 30 3	26 21 30 4	27 21 30 1	27 21 30 2	27 21 30 3	27 21 30 4
	1/8"	26 21 31 1	26 21 31 2	26 21 31 3	26 21 31 4	27 21 31 1	27 21 31 2	27 21 31 3	27 21 31 4
	4	26 21 40 1	26 21 40 2	26 21 40 3	26 21 40 4	27 21 40 1	27 21 40 2	27 21 40 3	27 21 40 4
	6	26 21 60 1	26 21 60 2	26 21 60 3	26 21 60 4	27 21 60 1	27 21 60 2	27 21 60 3	27 21 60 4
	1/4"	26 21 61 1	26 21 61 2	26 21 61 3	26 21 61 4	27 21 61 1	27 21 61 2	27 21 61 3	27 21 61 4

		21mm Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	22 21 30 1	22 21 30 2	22 21 30 3	22 21 30 4	23 21 30 1	23 21 30 2	23 21 30 3	23 21 30 4
	1/8"	22 21 31 1	22 21 31 2	22 21 31 3	22 21 31 4	23 21 31 1	23 21 31 2	23 21 31 3	23 21 31 4
	4	22 21 40 1	22 21 40 2	22 21 40 3	22 21 40 4	23 21 40 1	23 21 40 2	23 21 40 3	23 21 40 4
	6	22 21 60 1	22 21 60 2	22 21 60 3	22 21 60 4	23 21 60 1	23 21 60 2	23 21 60 3	23 21 60 4
	1/4"	22 21 61 1	22 21 61 2	22 21 61 3	22 21 61 4	23 21 61 1	23 21 61 2	23 21 61 3	23 21 61 4
matt	3	28 21 30 1	28 21 30 2	28 21 30 3	28 21 30 4	29 21 30 1	29 21 30 2	29 21 30 3	29 21 30 4
	1/8"	28 21 31 1	28 21 31 2	28 21 31 3	28 21 31 4	29 21 31 1	29 21 31 2	29 21 31 3	29 21 31 4
	4	28 21 40 1	28 21 40 2	28 21 40 3	28 21 40 4	29 21 40 1	29 21 40 2	29 21 40 3	29 21 40 4
	6	28 21 60 1	28 21 60 2	28 21 60 3	28 21 60 4	29 21 60 1	29 21 60 2	29 21 60 3	29 21 60 4
	1/4"	28 21 61 1	28 21 61 2	28 21 61 3	28 21 61 4	29 21 61 1	29 21 61 2	29 21 61 3	29 21 61 4

		21mm Arrow Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	18 21 30 1	18 21 30 2	18 21 30 3	18 21 30 4	19 21 30 1	19 21 30 2	19 21 30 3	19 21 30 4
	1/8"	18 21 31 1	18 21 31 2	18 21 31 3	18 21 31 4	19 21 31 1	19 21 31 2	19 21 31 3	19 21 31 4
	4	18 21 40 1	18 21 40 2	18 21 40 3	18 21 40 4	19 21 40 1	19 21 40 2	19 21 40 3	19 21 40 4
	6	18 21 60 1	18 21 60 2	18 21 60 3	18 21 60 4	19 21 60 1	19 21 60 2	19 21 60 3	19 21 60 4
	1/4"	18 21 61 1	18 21 61 2	18 21 61 3	18 21 61 4	19 21 61 1	19 21 61 2	19 21 61 3	19 21 61 4
matt	3	16 21 30 1	16 21 30 2	16 21 30 3	16 21 30 4	17 21 30 1	17 21 30 2	17 21 30 3	17 21 30 4
	1/8"	16 21 31 1	16 21 31 2	16 21 31 3	16 21 31 4	17 21 31 1	17 21 31 2	17 21 31 3	17 15 31 4
	4	16 21 40 1	16 21 40 2	16 21 40 3	16 21 40 4	17 21 40 1	17 21 40 2	17 21 40 3	17 21 40 4
	6	16 21 60 1	16 21 60 2	16 21 60 3	16 21 60 4	17 21 60 1	17 21 60 2	17 21 60 3	17 21 60 4
	1/4"	16 21 61 1	16 21 61 2	16 21 61 3	16 21 61 4	17 21 61 1	17 21 61 2	17 21 61 3	17 21 61 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

21mm Knob cont.

		Flat Cap for 21mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	30 21 00 1	30 21 00 2	30 21 00 3	30 21 00 4	30 21 00 5	30 21 00 6	30 21 00 7
	matt	30 21 10 1	30 21 10 2	30 21 10 3	30 21 10 4	30 21 10 5	30 21 10 6	30 21 10 7
with line	standard	30 21 01 1	30 21 01 2	30 21 01 3	30 21 01 4	30 21 01 5	30 21 01 6	30 21 01 7
	matt	30 21 11 1	30 21 11 2	30 21 11 3	30 21 11 4	30 21 11 5	30 21 11 6	30 21 11 7
with curved arrow	standard	30 21 02 1	30 21 02 2	30 21 02 3	30 21 02 4	30 21 02 5	30 21 02 6	30 21 02 7
	matt	30 21 12 1	30 21 12 2	30 21 12 3	30 21 12 4	30 21 12 5	30 21 12 6	30 21 12 7
with arrow	standard	30 21 03 1	30 21 03 2	30 21 03 3	30 21 03 4	30 21 03 5	30 21 03 6	30 21 03 7
	matt	30 21 13 1	30 21 13 2	30 21 13 3	30 21 13 4	30 21 13 5	30 21 13 6	30 21 13 7

		Prismatic Cap for 21mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	31 21 00 1	31 21 00 2	31 21 00 3	31 21 00 4	31 21 00 5	31 21 00 6	31 21 00 7
	matt	31 21 10 1	31 21 10 2	31 21 10 3	31 21 10 4	31 21 10 5	31 21 10 6	31 21 10 7
with point	standard	31 21 04 1	31 21 04 2	31 21 04 3	31 21 04 4	31 21 04 5	31 21 04 6	31 21 04 7
	matt	31 21 14 1	31 21 14 2	31 21 14 3	31 21 14 4	31 21 14 5	31 21 14 6	31 21 14 7

		Curved Cap for 21mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 21 00 1	32 21 00 2	32 21 00 3	32 21 00 4	32 21 00 5	32 21 00 6	32 21 00 7
	matt	32 21 10 1	32 21 10 2	32 21 10 3	32 21 10 4	32 21 10 5	32 21 10 6	32 21 10 7
with line	standard	32 21 01 1	32 21 01 2	32 21 01 3	32 21 01 4	32 21 01 5	32 21 01 6	32 21 01 7
	matt	32 21 11 1	32 21 11 2	32 21 11 3	32 21 11 4	32 21 11 5	32 21 11 6	32 21 11 7

		Flat Cap with Aluminium Disk for 21mm Knobs			
		light grey ring	dark grey ring	black ring	red ring
plain	standard	35 21 00 1	35 21 00 2	35 21 00 3	35 21 00 4
	matt	35 21 10 1	35 21 10 2	35 21 10 3	35 21 10 4
with line	standard	35 21 01 1	35 21 01 2	35 21 01 3	35 21 01 4
	matt	35 21 11 1	35 21 11 2	35 21 11 3	35 21 11 4

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON

28mm Knob

		28mm Knob							
		no line				with line			
shaft Ø		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	4	20 28 40 1	20 28 40 2	20 28 40 3	20 28 40 4	21 28 40 1	21 28 40 2	21 28 40 3	21 28 40 4
	6	20 28 60 1	20 28 60 2	20 28 60 3	20 28 60 4	21 28 60 1	21 28 60 2	21 28 60 3	21 28 60 4
	1/4"	20 28 61 1	20 28 61 2	20 28 61 3	20 28 61 4	21 28 61 1	21 28 61 2	21 28 61 3	21 28 61 4
matt	4	26 28 40 1	26 28 40 2	26 28 40 3	26 28 40 4	27 28 40 1	27 28 40 2	27 28 40 3	27 28 40 4
	6	26 28 60 1	26 28 60 2	26 28 60 3	26 28 60 4	27 28 60 1	27 28 60 2	27 28 60 3	27 28 60 4
	1/4"	26 28 61 1	26 28 61 2	26 28 61 3	26 28 61 4	27 28 61 1	27 28 61 2	27 28 61 3	27 28 61 4

		28mm Wing Knob							
		no line				with line			
shaft Ø		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	4	22 28 40 1	22 28 40 2	22 28 40 3	22 28 40 4	23 28 40 1	23 28 40 2	23 28 40 3	23 28 40 4
	6	22 28 60 1	22 28 60 2	22 28 60 3	22 28 60 4	23 28 60 1	23 28 60 2	23 28 60 3	23 28 60 4
	1/4"	22 28 61 1	22 28 61 2	22 28 61 3	22 28 61 4	23 28 61 1	23 28 61 2	23 28 61 3	23 28 61 4
matt	4	28 28 40 1	28 28 40 2	28 28 40 3	28 28 40 4	29 28 40 1	29 28 40 2	29 28 40 3	29 28 40 4
	6	28 28 60 1	28 28 60 2	28 28 60 3	28 28 60 4	29 28 60 1	29 28 60 2	29 28 60 3	29 28 60 4
	1/4"	28 28 61 1	28 28 61 2	28 28 61 3	28 28 61 4	29 28 61 1	29 28 61 2	29 28 61 3	29 28 61 4

		28mm Arrow Knob							
		no line				with line			
shaft Ø		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	6	18 28 60 1	18 28 60 2	18 28 60 3	18 28 60 4	19 28 60 1	19 28 60 2	19 28 60 3	19 28 60 4
	1/4"	18 28 61 1	18 28 61 2	18 28 61 3	18 28 61 4	19 28 61 1	19 28 61 2	19 28 61 3	19 28 61 4
matt	6	16 28 60 1	16 28 60 2	16 28 60 3	16 28 60 4	17 28 60 1	17 28 60 2	17 28 60 3	17 28 60 4
	1/4"	16 28 61 1	16 28 61 2	16 28 61 3	16 28 61 4	17 28 61 1	17 28 61 2	17 28 61 3	17 28 61 4

		Flat Cap for 28mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	30 28 00 1	30 28 00 2	30 28 00 3	30 28 00 4	30 28 00 5	30 28 00 6	30 28 00 7	
	matt	30 28 10 1	30 28 10 2	30 28 10 3	30 28 10 4	30 28 10 5	30 28 10 6	30 28 10 7	
with line	standard	30 28 01 1	30 28 01 2	30 28 01 3	30 28 01 4	30 28 01 5	30 28 01 6	30 28 01 7	
	matt	30 28 11 1	30 28 11 2	30 28 11 3	30 28 11 4	30 28 11 5	30 28 11 6	30 28 11 7	
with curved arrow	standard	30 28 02 1	30 28 02 2	30 28 02 3	30 28 02 4	30 28 02 5	30 28 02 6	30 28 02 7	
	matt	30 28 12 1	30 28 12 2	30 28 12 3	30 28 12 4	30 28 12 5	30 28 12 6	30 28 12 7	
with arrow	standard	30 28 03 1	30 28 03 2	30 28 03 3	30 28 03 4	30 28 03 5	30 28 03 6	30 28 03 7	
	matt	30 28 13 1	30 28 13 2	30 28 13 3	30 28 13 4	30 28 13 5	30 28 13 6	30 28 13 7	

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

28mm Knob cont.

		Prismatic Cap for 28mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	31 28 00 1	31 28 00 2	31 28 00 3	31 28 00 4	31 28 00 5	31 28 00 6	31 28 00 7
	matt	31 28 10 1	31 28 10 2	31 28 10 3	31 28 10 4	31 28 10 5	31 28 10 6	31 28 10 7
with point	standard	31 28 04 1	31 28 04 2	31 28 04 3	31 28 04 4	31 28 04 5	31 28 04 6	31 28 04 7
	matt	31 28 14 1	31 28 14 2	31 28 14 3	31 28 14 4	31 28 14 5	31 28 14 6	31 28 14 7

		Curved Cap for 28mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 28 00 1	32 28 00 2	32 28 00 3	32 28 00 4	32 28 00 5	32 28 00 6	32 28 00 7
	matt	32 28 10 1	32 28 10 2	32 28 10 3	32 28 10 4	32 28 10 5	32 28 10 6	32 28 10 7
with line	standard	32 28 01 1	32 28 01 2	32 28 01 3	32 28 01 4	32 28 01 5	32 28 01 6	32 28 01 7
	matt	32 28 11 1	32 28 11 2	32 28 11 3	32 28 11 4	32 28 11 5	32 28 11 6	32 28 11 7

		Flat Cap with Aluminium Disk for 28mm Knobs			
		light grey ring	dark grey ring	black ring	red ring
plain	standard	35 28 00 1	35 28 00 2	35 28 00 3	35 28 00 4
	matt	35 28 10 1	35 28 10 2	35 28 10 3	35 28 10 4
with line	standard	35 28 01 1	35 28 01 2	35 28 01 3	35 28 01 4
	matt	35 28 11 1	35 28 11 2	35 28 11 3	35 28 11 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

36mm Knob

		36mm Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 6	20 36 60 1	20 36 60 2	20 36 60 3	20 36 60 4	21 36 60 1	21 36 60 2	21 36 60 3	21 36 60 4
	1/4"	20 36 61 1	20 36 61 2	20 36 61 3	20 36 61 4	21 36 61 1	21 36 61 2	21 36 61 3	21 36 61 4
matt	6	26 36 60 1	26 36 60 2	26 36 60 3	26 36 60 4	27 36 60 1	27 36 60 2	27 36 60 3	27 36 60 4
	1/4"	26 36 61 1	26 36 61 2	26 36 61 3	26 36 61 4	27 36 61 1	27 36 61 2	27 36 61 3	27 36 61 4

		36mm Wing Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 6	22 36 60 1	22 36 60 2	22 36 60 3	22 36 60 4	23 36 60 1	23 36 60 2	23 36 60 3	23 36 60 4
	1/4"	22 36 61 1	22 36 61 2	22 36 61 3	22 36 61 4	23 36 61 1	23 36 61 2	23 36 61 3	23 36 61 4
matt	6	28 36 60 1	28 36 60 2	28 36 60 3	28 36 60 4	29 36 60 1	29 36 60 2	29 36 60 3	29 36 60 4
	1/4"	28 36 61 1	28 36 61 2	28 36 61 3	28 36 61 4	29 36 61 1	29 36 61 2	29 36 61 3	29 36 61 4

		Flat Cap for 36mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	30 36 00 1	30 36 00 2	30 36 00 3	30 36 00 4	30 36 00 5	30 36 00 6	30 36 00 7	
	matt	30 36 10 1	30 36 10 2	30 36 10 3	30 36 10 4	30 36 10 5	30 36 10 6	30 36 10 7	
with line	standard	30 36 01 1	30 36 01 2	30 36 01 3	30 36 01 4	30 36 01 5	30 36 01 6	30 36 01 7	
	matt	30 36 11 1	30 36 11 2	30 36 11 3	30 36 11 4	30 36 11 5	30 36 11 6	30 36 11 7	
with curved arrow	standard	30 36 02 1	30 36 02 2	30 36 02 3	30 36 02 4	30 36 02 5	30 36 02 6	30 36 02 7	
	matt	30 36 12 1	30 36 12 2	30 36 12 3	30 36 12 4	30 36 12 5	30 36 12 6	30 36 12 7	
with arrow	standard	30 36 03 1	30 36 03 2	30 36 03 3	30 36 03 4	30 36 03 5	30 36 03 6	30 36 03 7	
	matt	30 36 13 1	30 36 13 2	30 36 13 3	30 36 13 4	30 36 13 5	30 36 13 6	30 36 13 7	

		Prismatic Cap for 36mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	31 36 00 1	31 36 00 2	31 36 00 3	31 36 00 4	31 36 00 5	31 36 00 6	31 36 00 7	
	matt	31 36 10 1	31 36 10 2	31 36 10 3	31 36 10 4	31 36 10 5	31 36 10 6	31 36 10 7	
with point	standard	31 36 04 1	31 36 04 2	31 36 04 3	31 36 04 4	31 36 04 5	31 36 04 6	31 36 04 7	
	matt	31 36 14 1	31 36 14 2	31 36 14 3	31 36 14 4	31 36 14 5	31 36 14 6	31 36 14 7	

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON

36mm Knob cont.

		Curved Cap for 36mm Knobs						
		light grey	dark grey	black	red	blue	yellow	green
plain	standard	32 36 00 1	32 36 00 2	32 36 00 3	32 36 00 4	32 36 00 5	32 36 00 6	32 36 00 7
	matt	32 36 10 1	32 36 10 2	32 36 10 3	32 36 10 4	32 36 10 5	32 36 10 6	32 36 10 7
with line	standard	32 36 01 1	32 36 01 2	32 36 01 3	32 36 01 4	32 36 01 5	32 36 01 6	32 36 01 7
	matt	32 36 11 1	32 36 11 2	32 36 11 3	32 36 11 4	32 36 11 5	32 36 11 6	32 36 11 7

		Flat Cap with Aluminium Disk for 36mm Knobs			
		light grey ring	dark grey ring	black ring	red ring
plain	standard	35 36 00 1	35 36 00 2	35 36 00 3	35 36 00 4
	matt	35 36 10 1	35 36 10 2	35 36 10 3	35 36 10 4
with line	standard	35 36 01 1	35 36 01 2	35 36 01 3	35 36 01 4
	matt	35 36 11 1	35 36 11 2	35 36 11 3	35 36 11 4

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**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

45mm Knob

		45mm Knob							
		no line				with line			
		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	shaft Ø 6	20 45 60 1	20 45 60 2	20 45 60 3	20 45 60 4	21 45 60 1	21 45 60 2	21 45 60 3	21 45 60 4
	1/4"	20 45 61 1	20 45 61 2	20 45 61 3	20 45 61 4	21 45 61 1	21 45 61 2	21 45 61 3	21 45 61 4
matt	6	26 45 60 1	26 45 60 2	26 45 60 3	26 45 60 4	27 45 60 1	27 45 60 2	27 45 60 3	27 45 60 4
	1/4"	26 45 61 1	26 45 61 2	26 45 61 3	26 45 61 4	27 45 61 1	27 45 61 2	27 45 61 3	27 45 61 4

		Flat Cap for 45mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	30 45 00 1	30 45 00 2	30 45 00 3	30 45 00 4	30 45 00 5	30 45 00 6	30 45 00 7	
	matt	30 45 10 1	30 45 10 2	30 45 10 3	30 45 10 4	30 45 10 5	30 45 10 6	30 45 10 7	
with line	standard	30 45 01 1	30 45 01 2	30 45 01 3	30 45 01 4	30 45 01 5	30 45 01 6	30 45 01 7	
	matt	30 45 11 1	30 45 11 2	30 45 11 3	30 45 11 4	30 45 11 5	30 45 11 6	30 45 11 7	
with curved arrow	standard	30 45 02 1	30 45 02 2	30 45 02 3	30 45 02 4	30 45 02 5	30 45 02 6	30 45 02 7	
	matt	30 45 12 1	30 45 12 2	30 45 12 3	30 45 12 4	30 45 12 5	30 45 12 6	30 45 12 7	
with arrow	standard	30 45 03 1	30 45 03 2	30 45 03 3	30 45 03 4	30 45 03 5	30 45 03 6	30 45 03 7	
	matt	30 45 13 1	30 45 13 2	30 45 13 3	30 45 13 4	30 45 13 5	30 45 13 6	30 45 13 7	

		Curved Cap for 45mm Knobs							
		light grey	dark grey	black	red	blue	yellow	green	
plain	standard	32 45 00 1	32 45 00 2	32 45 00 3	32 45 00 4	32 45 00 5	32 45 00 6	32 45 00 7	
	matt	32 45 10 1	32 45 10 2	32 45 10 3	32 45 10 4	32 45 10 5	32 45 10 6	32 45 10 7	
with line	standard	32 45 01 1	32 45 01 2	32 45 01 3	32 45 01 4	32 45 01 5	32 45 01 6	32 45 01 7	
	matt	32 45 11 1	32 45 11 2	32 45 11 3	32 45 11 4	32 45 11 5	32 45 11 6	32 45 11 7	

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON

15mm Short Knob

Ritel short control knobs have lengths reduced by about 20% compared to the standard knobs in the range. The short knobs are mounted using a commercial hexagonal box spanner, unless indicated as having a 'screw' rather than a 'nut' fitting, in which case they are mounted using either an ordinary screwdriver or a Phillips screwdriver. All accessories are usable with these short knobs. Please note that for caps for any 15mm short knobs, please add "BV 204" to the normal cap part number appearing on page 7.

		15mm Short Knob with screw							
		no line				with line			
shaft Ø		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	60 15 30 1	60 15 30 2	60 15 30 3	60 15 30 4	61 15 30 1	61 15 30 2	61 15 30 3	61 15 30 4
	1/8"	60 15 31 1	60 15 31 2	60 15 31 3	60 15 31 4	61 15 31 1	61 15 31 2	61 15 31 3	61 15 31 4
	4	60 15 40 1	60 15 40 2	60 15 40 3	60 15 40 4	61 15 40 1	61 15 40 2	61 15 40 3	61 15 40 4
	6	60 15 60 1	60 15 60 2	60 15 60 3	60 15 60 4	61 15 60 1	61 15 60 2	61 15 60 3	61 15 60 4
	1/4"	60 15 61 1	60 15 61 2	60 15 61 3	60 15 61 4	61 15 61 1	61 15 61 2	61 15 61 3	61 15 61 4
matt	3	66 15 30 1	66 15 30 2	66 15 30 3	66 15 30 4	67 15 30 1	67 15 30 2	67 15 30 3	67 15 30 4
	1/8"	66 15 31 1	66 15 31 2	66 15 31 3	66 15 31 4	67 15 31 1	67 15 31 2	67 15 31 3	67 15 31 4
	4	66 15 40 1	66 15 40 2	66 15 40 3	66 15 40 4	67 15 40 1	67 15 40 2	67 15 40 3	67 15 40 4
	6	66 15 60 1	66 15 60 2	66 15 60 3	66 15 60 4	67 15 60 1	67 15 60 2	67 15 60 3	67 15 60 4
	1/4"	66 15 61 1	66 15 61 2	66 15 61 3	66 15 61 4	67 15 61 1	67 15 61 2	67 15 61 3	67 15 61 4

		15mm Short Wing Knob with screw							
		no line				with line			
shaft Ø		light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	62 15 30 1	62 15 30 2	62 15 30 3	62 15 30 4	63 15 30 1	63 15 30 2	63 15 30 3	63 15 30 4
	1/8"	62 15 31 1	62 15 31 2	62 15 31 3	62 15 31 4	63 15 31 1	63 15 31 2	63 15 31 3	63 15 31 4
	4	62 15 40 1	62 15 40 2	62 15 40 3	62 15 40 4	63 15 40 1	63 15 40 2	63 15 40 3	63 15 40 4
	6	62 15 60 1	62 15 60 2	62 15 60 3	62 15 60 4	63 15 60 1	63 15 60 2	63 15 60 3	63 15 60 4
	1/4"	62 15 61 1	62 15 61 2	62 15 61 3	62 15 61 4	63 15 61 1	63 15 61 2	63 15 61 3	63 15 61 4
matt	3	68 15 30 1	68 15 30 2	68 15 30 3	68 15 30 4	69 15 30 1	69 15 30 2	69 15 30 3	69 15 30 4
	1/8"	68 15 31 1	68 15 31 2	68 15 31 3	68 15 31 4	69 15 31 1	69 15 31 2	69 15 31 3	69 15 31 4
	4	68 15 40 1	68 15 40 2	68 15 40 3	68 15 40 4	69 15 40 1	69 15 40 2	69 15 40 3	69 15 40 4
	6	68 15 60 1	68 15 60 2	68 15 60 3	68 15 60 4	69 15 60 1	69 15 60 2	69 15 60 3	69 15 60 4
	1/4"	68 15 61 1	68 15 61 2	68 15 61 3	68 15 61 4	69 15 61 1	69 15 61 2	69 15 61 3	69 15 61 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

15mm Short Knob cont.

		15mm Short Knob with nut							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	60 15 36 1	60 15 36 2	60 15 36 3	60 15 36 4	61 15 36 1	61 15 36 2	61 15 36 3	61 15 36 4
	1/8"	60 15 37 1	60 15 37 2	60 15 37 3	60 15 37 4	61 15 37 1	61 15 37 2	61 15 37 3	61 15 37 4
	4	60 15 46 1	60 15 46 2	60 15 46 3	60 15 46 4	61 15 46 1	61 15 46 2	61 15 46 3	61 15 46 4
	6	60 15 70 1	60 15 70 2	60 15 70 3	60 15 70 4	61 15 70 1	61 15 70 2	61 15 70 3	61 15 70 4
	1/4"	60 15 71 1	60 15 71 2	60 15 71 3	60 15 71 4	61 15 71 1	61 15 71 2	61 15 71 3	61 15 71 4
matt	3	66 15 36 1	66 15 36 2	66 15 36 3	66 15 36 4	67 15 36 1	67 15 36 2	67 15 36 3	67 15 36 4
	1/8"	66 15 37 1	66 15 37 2	66 15 37 3	66 15 37 4	67 15 37 1	67 15 37 2	67 15 37 3	67 15 37 4
	4	66 15 46 1	66 15 46 2	66 15 46 3	66 15 46 4	67 15 46 1	67 15 46 2	67 15 46 3	67 15 46 4
	6	66 15 70 1	66 15 70 2	66 15 70 3	66 15 70 4	67 15 70 1	67 15 70 2	67 15 70 3	67 15 70 4
	1/4"	66 15 71 1	66 15 71 2	66 15 71 3	66 15 71 4	67 15 71 1	67 15 71 2	67 15 71 3	67 15 71 4

		15mm Short Wing Knob with nut							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	62 15 36 1	62 15 36 2	62 15 36 3	62 15 36 4	63 15 36 1	63 15 36 2	63 15 36 3	63 15 36 4
	1/8"	62 15 37 1	62 15 37 2	62 15 37 3	62 15 37 4	63 15 37 1	63 15 37 2	63 15 37 3	63 15 37 4
	4	62 15 46 1	62 15 46 2	62 15 46 3	62 15 46 4	63 15 46 1	63 15 46 2	63 15 46 3	63 15 46 4
	6	62 15 70 1	62 15 70 2	62 15 70 3	62 15 70 4	63 15 70 1	63 15 70 2	63 15 70 3	63 15 70 4
	1/4"	62 15 71 1	62 15 71 2	62 15 71 3	62 15 71 4	63 15 71 1	63 15 71 2	63 15 71 3	63 15 71 4
matt	3	68 15 36 1	68 15 36 2	68 15 36 3	68 15 36 4	69 15 36 1	69 15 36 2	69 15 36 3	69 15 36 4
	1/8"	68 15 37 1	68 15 37 2	68 15 37 3	68 15 37 4	69 15 37 1	69 15 37 2	69 15 37 3	69 15 37 4
	4	68 15 46 1	68 15 46 2	68 15 46 3	68 15 46 4	69 15 46 1	69 15 46 2	69 15 46 3	69 15 46 4
	6	68 15 70 1	68 15 70 2	68 15 70 3	68 15 70 4	69 15 70 1	69 15 70 2	69 15 70 3	69 15 70 4
	1/4"	68 15 71 1	68 15 71 2	68 15 71 3	68 15 71 4	69 15 71 1	69 15 71 2	69 15 71 3	69 15 71 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

21 - 36mm Short Knob

		21mm Short Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	60 21 36 1	60 21 36 2	60 21 36 3	60 21 36 4	61 21 36 1	61 21 36 2	61 21 36 3	61 21 36 4
	1/8"	60 21 37 1	60 21 37 2	60 21 37 3	60 21 37 4	61 21 37 1	61 21 37 2	61 21 37 3	61 21 37 4
	4	60 21 46 1	60 21 46 2	60 21 46 3	60 21 46 4	61 21 46 1	61 21 46 2	61 21 46 3	61 21 46 4
	6	60 21 76 1	60 21 76 2	60 21 76 3	60 21 76 4	61 21 76 1	61 21 76 2	61 21 76 3	61 21 76 4
	1/4"	60 21 75 1	60 21 75 2	60 21 75 3	60 21 75 4	61 21 75 1	61 21 75 2	61 21 75 3	61 21 75 4
matt	3	66 21 36 1	66 21 36 2	66 21 36 3	66 21 36 4	67 21 36 1	67 21 36 2	67 21 36 3	67 21 36 4
	1/8"	66 21 37 1	66 21 37 2	66 21 37 3	66 21 37 4	67 21 37 1	67 21 37 2	67 21 37 3	67 21 37 4
	4	66 21 46 1	66 21 46 2	66 21 46 3	66 21 46 4	67 21 46 1	67 21 46 2	67 21 46 3	67 21 46 4
	6	66 21 76 1	66 21 76 2	66 21 76 3	66 21 76 4	67 21 76 1	67 21 76 2	67 21 76 3	67 21 76 4
	1/4"	66 21 75 1	66 21 75 2	66 21 75 3	66 21 75 4	67 21 75 1	67 21 75 2	67 21 75 3	67 21 75 4

		28mm Short Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	4	60 28 46 1	60 28 46 2	60 28 46 3	60 28 46 4	61 28 46 1	61 28 46 2	61 28 46 3	61 28 46 4
	6	60 28 76 1	60 28 76 2	60 28 76 3	60 28 76 4	61 28 76 1	61 28 76 2	61 28 76 3	61 28 76 4
	1/4"	60 28 75 1	60 28 75 2	60 28 75 3	60 28 75 4	61 28 75 1	61 28 75 2	61 28 75 3	61 28 75 4
matt	4	66 28 46 1	66 28 46 2	66 28 46 3	66 28 46 4	67 28 46 1	67 28 46 2	67 28 46 3	67 28 46 4
	6	66 28 76 1	66 28 76 2	66 28 76 3	66 28 76 4	67 28 76 1	67 28 76 2	67 28 76 3	67 28 76 4
	1/4"	66 28 75 1	66 28 75 2	66 28 75 3	66 28 75 4	67 28 75 1	67 28 75 2	67 28 75 3	67 28 75 4

		36mm Short Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	6	60 36 76 1	60 36 76 2	60 36 76 3	60 36 76 4	61 36 76 1	61 36 76 2	61 36 76 3	61 36 76 4
	1/4"	60 36 75 1	60 36 75 2	60 36 75 3	60 36 75 4	61 36 75 1	61 36 75 2	61 36 75 3	61 36 75 4
matt	6	66 36 76 1	66 36 76 2	66 36 76 3	66 36 76 4	67 36 76 1	67 36 76 2	67 36 76 3	67 36 76 4
	1/4"	66 36 75 1	66 36 75 2	66 36 75 3	66 36 75 4	67 36 75 1	67 36 75 2	67 36 75 3	67 36 75 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

21 - 36mm Short Wing Knob

		21mm Short Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	3	62 21 36 1	62 21 36 2	62 21 36 3	62 21 36 4	63 21 36 1	63 21 36 2	63 21 36 3	63 21 36 4
	1/8"	62 21 37 1	62 21 37 2	62 21 37 3	62 21 37 4	63 21 37 1	63 21 37 2	63 21 37 3	63 21 37 4
	4	62 21 46 1	62 21 46 2	62 21 46 3	62 21 46 4	63 21 46 1	63 21 46 2	63 21 46 3	63 21 46 4
	6	62 21 76 1	62 21 76 2	62 21 76 3	62 21 76 4	63 21 76 1	63 21 76 2	63 21 76 3	63 21 76 4
	1/4"	62 21 75 1	62 21 75 2	62 21 75 3	62 21 75 4	63 21 75 1	63 21 75 2	63 21 75 3	63 21 75 4
matt	3	68 21 36 1	68 21 36 2	68 21 36 3	68 21 36 4	69 21 36 1	69 21 36 2	69 21 36 3	69 21 36 4
	1/8"	68 21 37 1	68 21 37 2	68 21 37 3	68 21 37 4	69 21 37 1	69 21 37 2	69 21 37 3	69 21 37 4
	4	68 21 46 1	68 21 46 2	68 21 46 3	68 21 46 4	69 21 46 1	69 21 46 2	69 21 46 3	69 21 46 4
	6	68 21 76 1	68 21 76 2	68 21 76 3	68 21 76 4	69 21 76 1	69 21 76 2	69 21 76 3	69 21 76 4
	1/4"	68 21 75 1	68 21 75 2	68 21 75 3	68 21 75 4	69 21 75 1	69 21 75 2	69 21 75 3	69 21 75 4

		28mm Short Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	4	62 28 46 1	62 28 46 2	62 28 46 3	62 28 46 4	63 28 46 1	63 28 46 2	63 28 46 3	63 28 46 4
	6	62 28 76 1	62 28 76 2	62 28 76 3	62 28 76 4	63 28 76 1	63 28 76 2	63 28 76 3	63 28 76 4
	1/4"	62 28 75 1	62 28 75 2	62 28 75 3	62 28 75 4	63 28 75 1	63 28 75 2	63 28 75 3	63 28 75 4
matt	4	68 28 46 1	68 28 46 2	68 28 46 3	68 28 46 4	69 28 46 1	69 28 46 2	69 28 46 3	69 28 46 4
	6	68 28 76 1	68 28 76 2	68 28 76 3	68 28 76 4	69 28 76 1	69 28 76 2	69 28 76 3	69 28 76 4
	1/4"	68 28 75 1	68 28 75 2	68 28 75 3	68 28 75 4	69 28 75 1	69 28 75 2	69 28 75 3	69 28 75 4

		36mm Short Wing Knob							
		no line				with line			
	shaft Ø	light grey	dark grey	black	red	light grey	dark grey	black	red
standard	6	62 36 76 1	62 36 76 2	62 36 76 3	62 36 76 4	63 36 76 1	63 36 76 2	63 36 76 3	63 36 76 4
	1/4"	62 36 75 1	62 36 75 2	62 36 75 3	62 36 75 4	63 36 75 1	63 36 75 2	63 36 75 3	63 36 75 4
matt	6	68 36 76 1	68 36 76 2	68 36 76 3	68 36 76 4	69 36 76 1	69 36 76 2	69 36 76 3	69 36 76 4
	1/4"	68 36 75 1	68 36 75 2	68 36 75 3	68 36 75 4	69 36 75 1	69 36 75 2	69 36 75 3	69 36 75 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**

8 - 45mm Accessories

The Figure Dial, Arrow Dial, and Arrow skirts all have pins on the same face as the markings, and these skirts are attached to the knob by push fitting the pins into the holes in the underside of the knob. Glue may be used for a permanent fixing. The Stator has fixing pins on the opposite side to the markings. The sizes of these skirts are given in Ritel's catalogue.

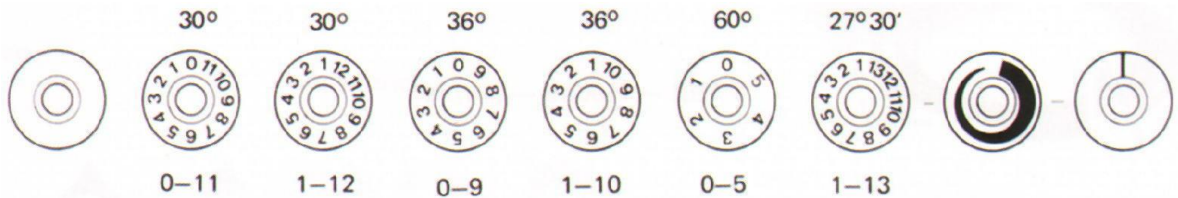


Figure Dial									
	blank	0-11	1-12	0-9	1-10	0-5	1-13	curved arrow	line
8mm	46 08 00 0	46 08 01 0	46 08 02 0	46 08 03 0	46 08 04 0	46 08 05 0	46 08 06 0	46 08 10 0	46 08 11 0
10mm	46 10 00 0	46 10 01 0	46 10 02 0	46 10 03 0	46 10 04 0	46 10 05 0	46 10 06 0	46 10 10 0	46 10 11 0
13mm	46 13 00 0	46 13 01 0	46 13 02 0	46 13 03 0	46 13 04 0	46 13 05 0	46 13 06 0	46 13 10 0	46 13 11 0
15mm	46 15 00 0	46 15 01 0	46 15 02 0	46 15 03 0	46 15 04 0	46 15 05 0	46 15 06 0	46 15 10 0	46 15 11 0
21mm	46 21 00 0	46 21 01 0	46 21 02 0	46 21 03 0	46 21 04 0	46 21 05 0	46 21 06 0	46 21 10 0	46 21 11 0
28mm	46 28 00 0	46 28 01 0	46 28 02 0	46 28 03 0	46 28 04 0	46 28 05 0	46 28 06 0	46 28 10 0	46 28 11 0
36mm	46 36 00 0	46 36 01 0	46 36 02 0	46 36 03 0	46 36 04 0	46 36 05 0	46 36 06 0	46 36 10 0	46 36 11 0
45mm	46 45 00 0	46 45 01 0	46 45 02 0	46 45 03 0	46 45 04 0	46 45 05 0	46 45 06 0	46 45 10 0	46 45 11 0

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON

8 - 45mm Accessories cont.



		Arrow Dial							
		light grey with black arrow	dark grey with white arrow	black with white arrow	red with white arrow	light grey with black line	dark grey with white line	black with white line	red with white line
8mm	standard	45 08 01 1	45 08 01 2	45 08 01 3	45 08 01 4	45 08 02 1	45 08 02 2	45 08 02 3	45 08 02 4
	matt	45 08 11 1	45 08 11 2	45 08 11 3	45 08 11 4	45 08 12 1	45 08 12 2	45 08 12 3	45 08 12 4
10mm	standard	45 10 01 1	45 10 01 2	45 10 01 3	45 10 01 4	45 10 02 1	45 10 02 2	45 10 02 3	45 10 02 4
	matt	45 10 11 1	45 10 11 2	45 10 11 3	45 10 11 4	45 10 12 1	45 10 12 2	45 10 12 3	45 10 12 4
13mm	standard	45 13 01 1	45 13 01 2	45 13 01 3	45 13 01 4	45 13 02 1	45 13 02 2	45 13 02 3	45 13 02 4
	matt	45 13 11 1	45 13 11 2	45 13 11 3	45 13 11 4	45 13 12 1	45 13 12 2	45 13 12 3	45 13 12 4
15mm	standard	45 15 01 1	45 15 01 2	45 15 01 3	45 15 01 4	45 15 02 1	45 15 02 2	45 15 02 3	45 15 02 4
	matt	45 15 11 1	45 15 11 2	45 15 11 3	45 15 11 4	45 15 12 1	45 15 12 2	45 15 12 3	45 15 12 4
21mm	standard	45 21 01 1	45 21 01 2	45 21 01 3	45 21 01 4	45 21 02 1	45 21 02 2	45 21 02 3	45 21 02 4
	matt	45 21 11 1	45 21 11 2	45 21 11 3	45 21 11 4	45 21 12 1	45 21 12 2	45 21 12 3	45 21 12 4
28mm	standard	45 28 01 1	45 28 01 2	45 28 01 3	45 28 01 4	45 28 02 1	45 28 02 2	45 28 02 3	45 28 02 4
	matt	45 28 11 1	45 28 11 2	45 28 11 3	45 28 11 4	45 28 12 1	45 28 12 2	45 28 12 3	45 28 12 4
36mm	standard	45 36 01 1	45 36 01 2	45 36 01 3	45 36 01 4	45 36 02 1	45 36 02 2	45 36 02 3	45 36 02 4
	matt	45 36 11 1	45 36 11 2	45 36 11 3	45 36 11 4	45 36 12 1	45 36 12 2	45 36 12 3	45 36 12 4
45mm	standard	45 45 01 1	45 45 01 2	45 45 01 3	45 45 01 4	45 45 02 1	45 45 02 2	45 45 02 3	45 45 02 4
	matt	45 45 11 1	45 45 11 2	45 45 11 3	45 45 11 4	45 45 12 1	45 45 12 2	45 45 12 3	45 45 12 4

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON

8 - 45mm Accessories cont.



	Stator	
	grey with black marker	black with white marker
8mm	47 08 01 1	47 08 02 3
10mm	47 10 01 1	47 10 02 3
13mm	47 13 01 1	47 13 02 3
15mm	47 15 01 1	47 15 02 3
21mm	47 21 01 1	47 21 02 3
28mm	47 28 01 1	47 28 02 3
36mm	47 36 01 1	47 36 02 3
45mm	47 45 01 1	47 45 02 3

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON

8 - 45mm Accessories cont.



		Arrow						
		light grey	dark grey	black	red	blue	yellow	green
8mm	standard	40 08 00 1	40 08 00 2	40 08 00 3	40 08 00 4	40 08 00 5	40 08 00 6	40 08 00 7
	matt	40 08 10 1	40 08 10 2	40 08 10 3	40 08 10 4	40 08 10 5	40 08 10 6	40 08 10 7
10mm	standard	40 10 00 1	40 10 00 2	40 10 00 3	40 10 00 4	40 10 00 5	40 10 00 6	40 10 00 7
	matt	40 10 10 1	40 10 10 2	40 10 10 3	40 10 10 4	40 10 10 5	40 10 10 6	40 10 10 7
13mm	standard	40 13 00 1	40 13 00 2	40 13 00 3	40 13 00 4	40 13 00 5	40 13 00 6	40 13 00 7
	matt	40 13 10 1	40 13 10 2	40 13 10 3	40 13 10 4	40 13 10 5	40 13 10 6	40 13 10 7
15mm	standard	40 15 00 1	40 15 00 2	40 15 00 3	40 15 00 4	40 15 00 5	40 15 00 6	40 15 00 7
	matt	40 15 10 1	40 15 10 2	40 15 10 3	40 15 10 4	40 15 10 5	40 15 10 6	40 15 10 7
21mm	standard	40 21 00 1	40 21 00 2	40 21 00 3	40 21 00 4	40 21 00 5	40 21 00 6	40 21 00 7
	matt	40 21 10 1	40 21 10 2	40 21 10 3	40 21 10 4	40 21 10 5	40 21 10 6	40 21 10 7
28mm	standard	40 28 00 1	40 28 00 2	40 28 00 3	40 28 00 4	40 28 00 5	40 28 00 6	40 28 00 7
	matt	40 28 10 1	40 28 10 2	40 28 10 3	40 28 10 4	40 28 10 5	40 28 10 6	40 28 10 7
36mm	standard	40 36 00 1	40 36 00 2	40 36 00 3	40 36 00 4	40 36 00 5	40 36 00 6	40 36 00 7
	matt	40 36 10 1	40 36 10 2	40 36 10 3	40 36 10 4	40 36 10 5	40 36 10 6	40 36 10 7
45mm	standard	40 45 00 1	40 45 00 2	40 45 00 3	40 45 00 4	40 45 00 5	40 45 00 6	40 45 00 7
	matt	40 45 10 1	40 45 10 2	40 45 10 3	40 45 10 4	40 45 10 5	40 45 10 6	40 45 10 7

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON

10, 13, 15mm Accessories

The 21, 28, 36, and 45mm knobs have recesses for nuts. The following nut covers, which fit onto the underside of the knobs via pins, are available for the 10, 13, and 15mm knobs:



		Nut Cover							
		light grey without line	dark grey without line	black without line	red without line	light grey with black line	dark grey with white line	black with white line	red with white line
10mm	standard	48 10 00 1	48 10 00 2	48 10 00 3	48 10 00 4	48 10 01 1	48 10 01 2	48 10 01 3	48 10 01 4
	matt	48 10 10 1	48 10 10 2	48 10 10 3	48 10 10 4	48 10 11 1	48 10 11 2	48 10 11 3	48 10 11 4
with line for wing knobs	standard					48 10 02 1	48 10 02 2	48 10 02 3	48 10 02 4
	matt					48 10 12 1	48 10 12 2	48 10 12 3	48 10 12 4
13mm	standard	48 13 00 1	48 13 00 2	48 13 00 3	48 13 00 4	48 13 01 1	48 13 01 2	48 13 01 3	48 13 01 4
	matt	48 13 10 1	48 13 10 2	48 13 10 3	48 13 10 4	48 13 11 1	48 13 11 2	48 13 11 3	48 13 11 4
with line for wing knobs	standard					48 13 02 1	48 13 02 2	48 13 02 3	48 13 02 4
	matt					48 13 12 1	48 13 12 2	48 13 12 3	48 13 12 4
15mm	standard	48 15 00 1	48 15 00 2	48 15 00 3	48 15 00 4	48 15 01 1	48 15 01 2	48 15 01 3	48 15 01 4
	matt	48 15 10 1	48 15 10 2	48 15 10 3	48 15 10 4	48 15 11 1	48 15 11 2	48 15 11 3	48 15 11 4
with line for wing knobs	standard					48 15 02 1	48 15 02 2	48 15 02 3	48 15 02 4
	matt					48 15 12 1	48 15 12 2	48 15 12 3	48 15 12 4



		Nut Cover with arrow			
		light grey with arrow	dark grey with arrow	black with arrow	red with arrow
10mm	standard	48 10 03 1	48 10 03 2	48 10 03 3	48 10 03 4
	matt	48 10 13 1	48 10 13 2	48 10 13 3	48 10 13 4
with line for wing knobs	standard	48 10 04 1	48 10 04 2	48 10 04 3	48 10 04 4
	matt	48 10 14 1	48 10 14 2	48 10 14 3	48 10 14 4
15mm	standard	48 15 03 1	48 15 03 2	48 15 03 3	48 15 03 4
	matt	48 15 13 1	48 15 13 2	48 15 13 3	48 15 13 4
with line for wing knobs	standard	48 15 04 1	48 15 04 2	48 15 04 3	48 15 04 4
	matt	48 15 14 1	48 15 14 2	48 15 14 3	48 15 14 4

**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**
Double Knobs with coaxial collets



All the various Ritel control knob part numbers are of the form 'ab cd ef g', where 'ab' is the knob design, 'cd' is the knob size, 'ef' is the collet type, and 'g' is the colour. For the double knob with coaxial collets, the upper knob is the standard unit (for the smaller of the two shafts) and so the part numbers for the upper knob and cap are as shown in the preceding pages. An intermediate cap between the two knobs has the part number shown on the next page. The lower knob has a collet (for the larger of the two shafts, and enabling the smaller shaft to pass through) with the code for the 'ef' section of the part number (i.e. the collet type) as shown below, and the rest of the lower knob part number is as shown in the preceding pages.

knob size	shaft \varnothing	collet code
13mm	3mm	36
	1/8"	37
	4mm	46
	6mm	70
	1/4"	71
15mm	3mm	36
	1/8"	37
	4mm	46
	6mm	70
	1/4"	71
21-45mm	3mm	36
	1/8"	37
	4mm	46
	6mm	76
	1/4"	75
28-45mm	8mm	80*
	10mm	10*

*not available for 28mm arrow knob

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON

Double Knobs with coaxial collets cont.



		Intermediate Cap				
knob size	hole diameter		light grey	dark grey	black	red
15mm	4.5	standard	38 15 00 1	38 15 00 2	38 15 00 3	38 15 00 4
		matt	38 15 10 1	38 15 10 2	38 15 10 3	38 15 10 4
21mm	6.5	standard	38 21 00 1	38 21 00 2	38 21 00 3	38 21 00 4
		matt	38 21 10 1	38 21 10 2	38 21 10 3	38 21 10 4
28mm	6.5	standard	38 28 00 1	38 28 00 2	38 28 00 3	38 28 00 4
		matt	38 28 10 1	38 28 10 2	38 28 10 3	38 28 10 4
36mm	6.5	standard	38 36 00 1	38 36 00 2	38 36 00 3	38 36 00 4
		matt	38 36 10 1	38 36 10 2	38 36 10 3	38 36 10 4
45mm	6.5	standard	38 45 00 1	38 45 00 2	38 45 00 3	38 45 00 4
		matt	38 45 10 1	38 45 10 2	38 45 10 3	38 45 10 4

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**RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY
ELLMAX ELECTRONICS LTD., LONDON**
Push-On Knobs with matt finish

Push-on knobs have the advantage of being mounted quickly and they are also low-cost. All accessories may be used with Ritel's range of push-on control knobs. These push-on knobs come with matt finish only.

		Push-On Knobs with matt finish			
knob size	shaft \varnothing	light grey	black	light grey with line	black with line
10mm	3	76 10 30 1	76 10 30 3	77 10 30 1	77 10 30 3
	1/8"	76 10 31 1	76 10 31 3	77 10 31 1	77 10 31 3
	4	76 10 40 1	76 10 40 3	77 10 40 1	77 10 40 3
15mm	1/8"	76 15 31 1	76 15 31 3	77 15 31 1	77 15 31 3
	4	76 15 40 1	76 15 40 3	77 15 40 1	77 15 40 3
	6	76 15 60 1	76 15 60 3	77 15 60 1	77 15 60 3
	1/4"	76 15 61 1	76 15 61 3	77 15 61 1	77 15 61 3
21mm	4	76 21 40 1	76 21 40 3	77 21 40 1	77 21 40 3
	6	76 21 60 1	76 21 60 3	77 21 60 1	77 21 60 3
	1/4"	76 21 61 1	76 21 61 3	77 21 61 1	77 21 61 3
28mm	6	76 28 60 1	76 28 60 3	77 28 60 1	77 28 60 3
	1/4"	76 28 61 1	76 28 61 3	77 28 61 1	77 28 61 3

RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON


Soft-touch Knobs with matt finish

Ritel's soft-touch knobs come with either a single collet or a double collet. The soft-touch control knobs are based on the basic shape knobs with diameter 15, 21, 28, and 36mm. They come with or without lines, and their finish is matt only. 'ST' is added at the end of the basic shape knob part number to form the soft-touch knob part number. For example, a 15mm single collet soft-touch black knob with a 1/4" shaft size, with a line (and with a matt finish) has the part number 27 15 61 3 ST.

All accessories may be used with Ritel's range of soft-touch knobs.

Special Knobs, including Conductive Knobs

Ritel produce various special knobs, such as conductive knobs which are used in motorised faders and controls, to suit customers' requirements. Please contact us for more information.

The logo for ELLMAX ELECTRONICS is centered on the page. It consists of the word "ELLMAX" in a large, bold, sans-serif font, with "ELECTRONICS" in a smaller, bold, sans-serif font directly below it. The text is contained within a thin, light-colored rectangular border.

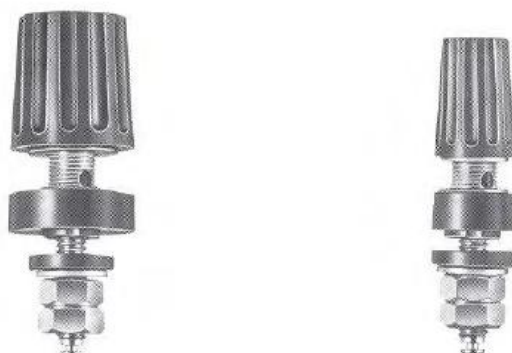
RANGE SUMMARY OF RITEL PRODUCTS, AS SUPPLIED BY ELLMAX ELECTRONICS LTD., LONDON

General Accessories



box spanner		49 15 00 0
slotted nut	thread M10 x 0.75	49 15 10 0
	thread 3/8-32	49 15 95 0
locking device available for knobs with diam. 21, 28, 36, & 45mm, and used for shafts with flat (i.e. D-shaped)	for 6mm shaft (5.0mm diam. to flat [x ¹])	49 15 60 0
	for 1/4" shaft (5.08mm diam. to flat [x ¹])	49 15 61 0

4mm Terminals (10mm and 15mm)



		4mm Terminals (10mm or 15mm)							
size		light grey	dark grey	black	red	blue	yellow	green	yellow and green
10mm (20A)	standard	24 10 00 1	24 10 00 2	24 10 00 3	24 10 00 4	24 10 00 5	24 10 00 6	24 10 00 7	24 10 00 8
	matt	24 10 10 1	24 10 10 2	24 10 10 3	24 10 10 4	24 10 10 5	24 10 10 6	24 10 10 7	
15mm (25A)	standard	24 15 00 1	24 15 00 2	24 15 00 3	24 15 00 4	24 15 00 5	24 15 00 6	24 15 00 7	24 15 00 8
	matt	24 15 10 1	24 15 10 2	24 15 10 3	24 15 10 4	24 15 10 5	24 15 10 6	24 15 10 7	

Please note that the prefix KX was used in all Ritel part numbers by Bulgin Components, who used to supply Ritel products in the UK.

For further details on Ritel products please contact:

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