

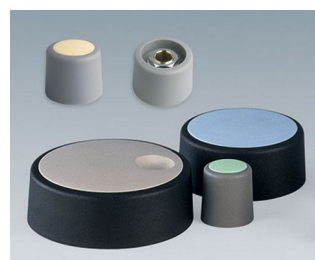
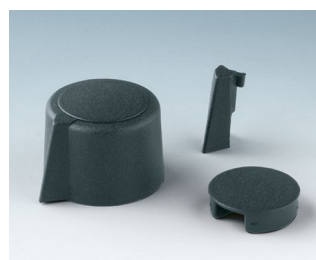
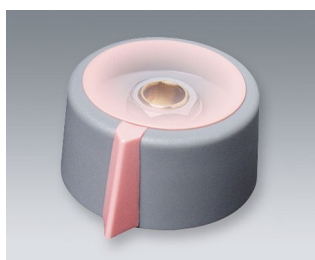
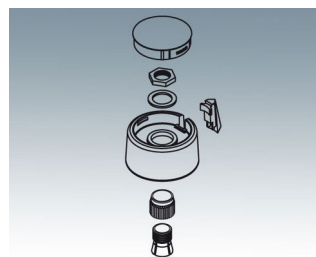
# COM-KNOBS

## Moderno Sistema de Knob de Aro

Design esteticamente elegante, uma moderna seleção de cores pastel e um sistema de segura fixação através de pinça são as principais características da nossa coleção COM-KNOBS. Estes knobs de ajuste muito atraentes darão aparência de alta qualidade a sua aplicação.

- modernos e inovadores knobs de controle
- Tampa com acabamento cromado fosco para uma aparência metálica elegante (tamanhos 23 a 40)
- confiável operação através do sistema de fixação por pinça que foi devidamente testado
- conveniente montagem a partir da frente com encaixe apertado ao eixo
- com/sem fresta como elemento de marcação
- grampo de cobre com ou sem recesso para controle e ajuste mais fino (tamanhos 40-50)
- adequado também para discos de montagem de acessórios, mostradores, estatores e tampas de porca
- o design é semelhante à nossa inovadora série TOP-KNOBS; este garante uma aparência uniforme ao utilizar as duas tecnologias knob
- modernas combinações de cores

knob de tamanhos	perfurações
ø 16, 20, 23 mm	4 mm, 6 mm, 1/4"
ø 31 mm	6 mm, 1/4"
ø 40, 50 mm	6 mm, 8 mm



# COM-KNOBS

## Exemplos de aplicação

Para potenciômetros rotativos com pontas de eixos que corresponde a DIN 41591. Medição e tecnologia de controle, médica e dispositivos de bem-estar, equipamento de laboratório, aquecimento e ar condicionado, equipamentos de comunicação, gestão de edifícios, etc.



Controller for LED lighting in image processing and microscopy



Operating element for a universal centrifuge



Operating element for an intensive care ventilator



Operating elements for children's kitchen furniture



Operating elements for Klangfinder



Operating elements for ultrasonic nebulizer



USB SDR VFO Tuning knob

## Modificações específicas do cliente

O que você ainda precisa em seu próprio produto pessoal? Nós podemos fornecer caixas e knobs de ajuste com todas as modificações necessárias para a montagem de seus componentes eletrônicos. Opções para customizadas Com-Knobs



Usinagem



Pintura



Impressão



Letragem a laser



Instalação / Montagem de acessórios

# COM-KNOBS

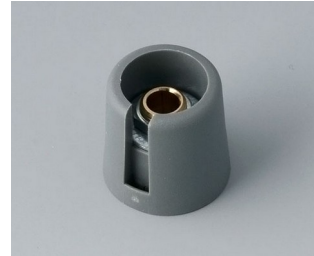
## Versões



**A3016048**  
COM-KNOBS 16, with recess  
PA 6  
volcano  
16x16mm 4mm



**A3016049**  
COM-KNOBS 16, with recess  
PA 6  
nero  
16x16mm 4mm



**A3016068**  
COM-KNOBS 16, with recess  
PA 6  
volcano  
16x16mm 6mm



**A3016069**  
COM-KNOBS 16, with recess  
PA 6  
nero  
16x16mm 6mm



**A3016638**  
COM-KNOBS 16, with recess  
PA 6  
volcano  
16x16mm 1/4"



**A3016639**  
COM-KNOBS 16, with recess  
PA 6  
nero  
16x16mm 1/4"



**A3020048**  
COM-KNOBS 20, with recess  
PA 6  
volcano  
20x16mm 4mm



**A3020049**  
COM-KNOBS 20, with recess  
PA 6  
nero  
20x16mm 4mm



**A3020068**  
COM-KNOBS 20, with recess  
PA 6  
volcano  
20x16mm 6mm



**A3020069**  
COM-KNOBS 20, with recess  
PA 6  
nero  
20x16mm 6mm



**A3020638**  
COM-KNOBS 20, with recess  
PA 6  
volcano  
20x16mm 1/4"



**A3020639**  
COM-KNOBS 20, with recess  
PA 6  
nero  
20x16mm 1/4"



**A3023048**  
COM-KNOBS 23, with recess  
PA 6  
volcano  
23x16mm 4mm



**A3023049**  
COM-KNOBS 23, with recess  
PA 6  
nero  
23x16mm 4mm



**A3023068**  
COM-KNOBS 23, with recess  
PA 6  
volcano  
23x16mm 6mm



**A3023069**  
COM-KNOBS 23, with recess  
PA 6  
nero  
23x16mm 6mm

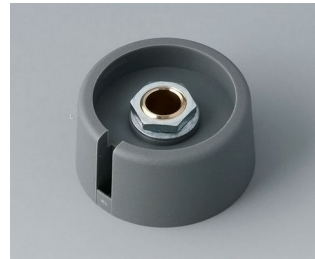
# COM-KNOBS



**A3023638**  
 COM-KNOBS 23, with recess  
 PA 6  
 volcano  
 23x16mm 1/4"



**A3023639**  
 COM-KNOBS 23, with recess  
 PA 6  
 nero  
 23x16mm 1/4"



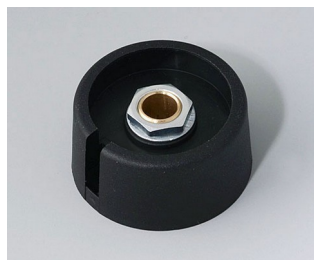
**A3031068**  
 COM-KNOBS 31, with recess  
 PA 6  
 volcano  
 31x16mm 6mm



**A3031069**  
 COM-KNOBS 31, with recess  
 PA 6  
 nero  
 31x16mm 6mm



**A3031638**  
 COM-KNOBS 31, with recess  
 PA 6  
 volcano  
 31x16mm 1/4"



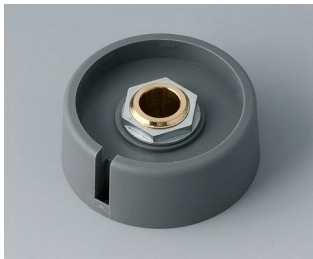
**A3031639**  
 COM-KNOBS 31, with recess  
 PA 6  
 nero  
 31x16mm 1/4"



**A3040068**  
 COM-KNOBS 40, with recess  
 PA 6  
 volcano  
 40x16mm 6mm



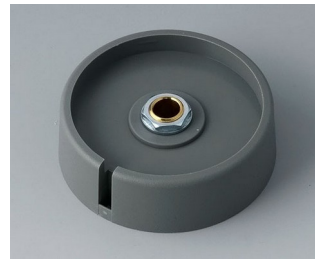
**A3040069**  
 COM-KNOBS 40, with recess  
 PA 6  
 nero  
 40x16mm 6mm



**A3040088**  
 COM-KNOBS 40, with recess  
 PA 6  
 volcano  
 40x16mm 8mm



**A3040089**  
 COM-KNOBS 40, with recess  
 PA 6  
 nero  
 40x16mm 8mm



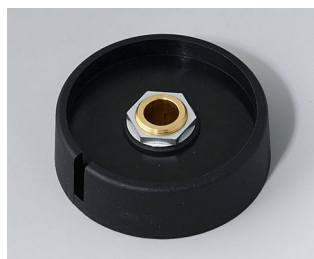
**A3050068**  
 COM-KNOBS 50, with recess  
 PA 6  
 volcano  
 50x16mm 6mm



**A3050069**  
 COM-KNOBS 50, with recess  
 PA 6  
 nero  
 50x16mm 6mm



**A3050088**  
 COM-KNOBS 50, with recess  
 PA 6  
 volcano  
 50x16mm 8mm



**A3050089**  
 COM-KNOBS 50, with recess  
 PA 6  
 nero  
 50x16mm 8mm

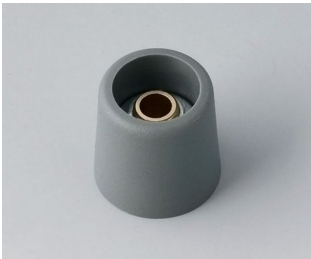


**A3116048**  
 COM-KNOBS 16, without recess  
 PA 6  
 volcano  
 16x16mm 4mm



**A3116049**  
 COM-KNOBS 16, without recess  
 PA 6  
 nero  
 16x16mm 4mm

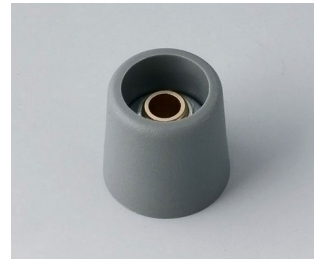
# COM-KNOBS



**A3116068**  
 COM-KNOBS 16, without recess  
 PA 6  
 volcano  
 16x16mm 6mm



**A3116069**  
 COM-KNOBS 16, without recess  
 PA 6  
 nero  
 16x16mm 6mm



**A3116638**  
 COM-KNOBS 16, without recess  
 PA 6  
 volcano  
 16x16mm 1/4"



**A3116639**  
 COM-KNOBS 16, without recess  
 PA 6  
 nero  
 16x16mm 1/4"



**A3120048**  
 COM-KNOBS 20, without recess  
 PA 6  
 volcano  
 20x16mm 4mm



**A3120049**  
 COM-KNOBS 20, without recess  
 PA 6  
 nero  
 20x16mm 4mm



**A3120068**  
 COM-KNOBS 20, without recess  
 PA 6  
 volcano  
 20x16mm 6mm



**A3120069**  
 COM-KNOBS 20, without recess  
 PA 6  
 nero  
 20x16mm 6mm



**A3120638**  
 COM-KNOBS 20, without recess  
 PA 6  
 volcano  
 20x16mm 1/4"



**A3120639**  
 COM-KNOBS 20, without recess  
 PA 6  
 nero  
 20x16mm 1/4"



**A3123048**  
 COM-KNOBS 23, without recess  
 PA 6  
 volcano  
 23x16mm 4mm



**A3123049**  
 COM-KNOBS 23, without recess  
 PA 6  
 nero  
 23x16mm 4mm



**A3123068**  
 COM-KNOBS 23, without recess  
 PA 6  
 volcano  
 23x16mm 6mm



**A3123069**  
 COM-KNOBS 23, without recess  
 PA 6  
 nero  
 23x16mm 6mm



**A3123638**  
 COM-KNOBS 23, without recess  
 PA 6  
 volcano  
 23x16mm 1/4"

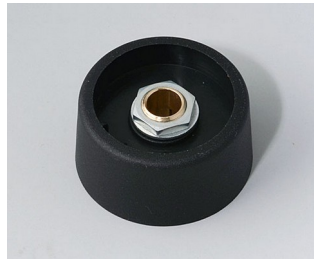


**A3123639**  
 COM-KNOBS 23, without recess  
 PA 6  
 nero  
 23x16mm 1/4"

# COM-KNOBS



**A3131068**  
COM-KNOBS 31, without recess  
PA 6  
volcano  
31x16mm 6mm



**A3131069**  
COM-KNOBS 31, without recess  
PA 6  
nero  
31x16mm 6mm



**A3131638**  
COM-KNOBS 31, without recess  
PA 6  
volcano  
31x16mm 1/4"



**A3131639**  
COM-KNOBS 31, without recess  
PA 6  
nero  
31x16mm 1/4"



**A3140068**  
COM-KNOBS 40, without recess  
PA 6  
volcano  
40x16mm 6mm



**A3140069**  
COM-KNOBS 40, without recess  
PA 6  
nero  
40x16mm 6mm



**A3140088**  
COM-KNOBS 40, without recess  
PA 6  
volcano  
40x16mm 8mm



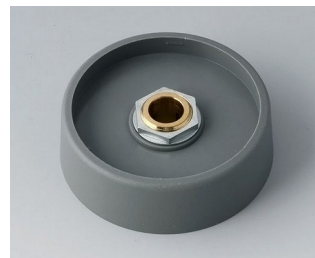
**A3140089**  
COM-KNOBS 40, without recess  
PA 6  
nero  
40x16mm 8mm



**A3150068**  
COM-KNOBS 50, without recess  
PA 6  
volcano  
50x16mm 6mm



**A3150069**  
COM-KNOBS 50, without recess  
PA 6  
nero  
50x16mm 6mm



**A3150088**  
COM-KNOBS 50, without recess  
PA 6  
volcano  
50x16mm 8mm



**A3150089**  
COM-KNOBS 50, without recess  
PA 6  
nero  
50x16mm 8mm

## System components to complete



**A3216003**  
Cover 16  
PA 6  
coral



**A3216004**  
Cover 16  
PA 6  
beach



**A3216005**  
Cover 16  
PA 6  
lagoon



**A3216006**  
Cover 16  
PA 6  
sky

# COM-KNOBS



A3216007  
 Cover 16  
 PA 6  
 mineral



A3216009  
 Cover 16  
 PA 6  
 nero



A3220003  
 Cover 20  
 PA 6  
 coral



A3220004  
 Cover 20  
 PA 6  
 beach



A3220005  
 Cover 20  
 PA 6  
 lagoon



A3220006  
 Cover 20  
 PA 6  
 sky



A3220007  
 Cover 20  
 PA 6  
 mineral



A3220009  
 Cover 20  
 PA 6  
 nero



A3223003  
 Cover 23  
 PA 6  
 coral



A3223004  
 Cover 23  
 PA 6  
 beach



A3223005  
 Cover 23  
 PA 6  
 lagoon



A3223006  
 Cover 23  
 PA 6  
 sky



A3223007  
 Cover 23  
 PA 6  
 mineral



A3223009  
 Cover 23  
 PA 6  
 nero



A3223011  
 Cover 23  
 ABS (UL 94 HB)  
 matt chromed



A3231003  
 Cover 31  
 PA 6  
 coral

# COM-KNOBS



A3231004  
Cover 31  
PA 6  
beach



A3231005  
Cover 31  
PA 6  
lagoon



A3231006  
Cover 31  
PA 6  
sky



A3231007  
Cover 31  
PA 6  
mineral



A3231009  
Cover 31  
PA 6  
nero



A3231011  
Cover 31  
ABS (UL 94 HB)  
matt chromed



A3240003  
Cover 40  
PA 6  
coral



A3240004  
Cover 40  
PA 6  
beach



A3240005  
Cover 40  
PA 6  
lagoon



A3240006  
Cover 40  
PA 6  
sky



A3240007  
Cover 40  
PA 6  
mineral



A3240009  
Cover 40  
PA 6  
nero



A3240011  
Cover 40  
ABS (UL 94 HB)  
matt chromed



A3240103  
Cover 40, with finger grip  
PA 6  
coral



A3240104  
Cover 40, with finger grip  
PA 6  
beach



A3240105  
Cover 40, with finger grip  
PA 6  
lagoon

# COM-KNOBS



**A3240106**  
 Cover 40, with finger grip  
 PA 6  
 sky



**A3240107**  
 Cover 40, with finger grip  
 PA 6  
 mineral



**A3240109**  
 Cover 40, with finger grip  
 PA 6  
 nero



**A3240111**  
 Cover 40, with finger grip  
 ABS (UL 94 HB)  
 matt chromed



**A3250003**  
 Cover 50  
 PA 6  
 coral



**A3250004**  
 Cover 50  
 PA 6  
 beach



**A3250005**  
 Cover 50  
 PA 6  
 lagoon



**A3250006**  
 Cover 50  
 PA 6  
 sky



**A3250007**  
 Cover 50  
 PA 6  
 mineral



**A3250009**  
 Cover 50  
 PA 6  
 nero



**A3250103**  
 Cover 50, with finger grip  
 PA 6  
 coral



**A3250104**  
 Cover 50, with finger grip  
 PA 6  
 beach



**A3250105**  
 Cover 50, with finger grip  
 PA 6  
 lagoon



**A3250106**  
 Cover 50, with finger grip  
 PA 6  
 sky



**A3250107**  
 Cover 50, with finger grip  
 PA 6  
 mineral



**A3250109**  
 Cover 50, with finger grip  
 PA 6  
 nero

# COM-KNOBS



A3316003  
 Peak 16  
 PA 6  
 coral



A3316004  
 Peak 16  
 PA 6  
 beach



A3316005  
 Peak 16  
 PA 6  
 lagoon



A3316006  
 Peak 16  
 PA 6  
 sky



A3316007  
 Peak 16  
 PA 6  
 mineral



A3316009  
 Peak 16  
 PA 6  
 nero



A3320003  
 Peak 20 - 50  
 PA 6  
 coral



A3320004  
 Peak 20 - 50  
 PA 6  
 beach



A3320005  
 Peak 20 - 50  
 PA 6  
 lagoon



A3320006  
 Peak 20 - 50  
 PA 6  
 sky



A3320007  
 Peak 20 - 50  
 PA 6  
 mineral



A3320009  
 Peak 20 - 50  
 PA 6  
 nero

## Accessory "screws"



A6207009  
 Round nut M7 x 0.75



A6210009  
 Round nut M10 x 0.75



A6295009  
 Round nut 3/8"-32G



A6300000  
 Spanner

# COM-KNOBS



**A7516000**  
 Nut cover 16, without line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7516010**  
 Nut cover 16, with line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7516018**  
 Nut cover 16, with line  
 ABS (UL 94 HB)  
 dusty grey RAL 7037



**A7616000**  
 Nut cover 16, without line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7616008**  
 Nut cover 16, without line  
 ABS (UL 94 HB)  
 dusty grey RAL 7037

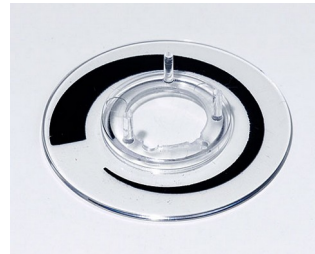
## Accessory



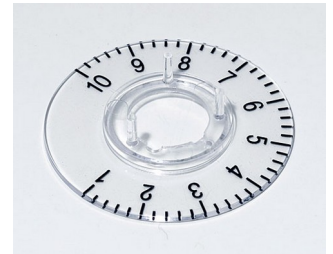
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 Dial 16  
 PC (UL 94 HB)  
 transparent



**A4416010**  
 Dial 16  
 PC (UL 94 HB)  
 transparent



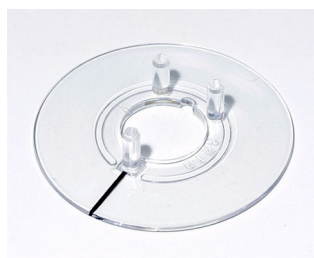
**A4416020**  
 Dial 16  
 PC (UL 94 HB)  
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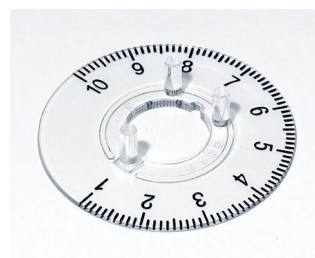
**A4416060**  
 Dial 16  
 PC (UL 94 HB)  
 transparent



**A4420001**  
 Dial 20  
 PC (UL 94 HB)  
 transparent



**A4420010**  
 Dial 20  
 PC (UL 94 HB)  
 transparent



**A4420060**  
 Dial 20  
 PC (UL 94 HB)  
 transparent

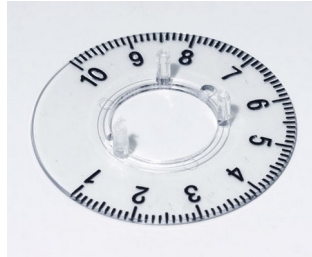


**A4423020**  
 Dial 23  
 PC (UL 94 HB)  
 transparent

# COM-KNOBS



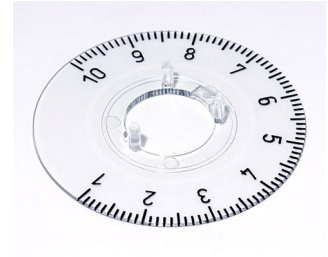
**A4423039**  
 Dial 23  
 PC (UL 94 HB)  
 transparent



**A4423060**  
 Dial 23  
 PC (UL 94 HB)  
 transparent



**A4431010**  
 Dial 31  
 PC (UL 94 HB)  
 transparent



**A4431060**  
 Dial 31  
 PC (UL 94 HB)  
 transparent



**A6016019**  
 Stator 16  
 Aluminium



**A6020019**  
 Stator 20  
 Aluminium



**A6023019**  
 Stator 23  
 Aluminium



**A7316000**  
 Disk 16, without line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7316010**  
 Disk 16, with line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7323010**  
 Disk 23, with line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7331000**  
 Disk 31, without line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7331010**  
 Disk 31, with line  
 ABS (UL 94 HB)  
 black RAL 9005



**A7340010**  
 Disk 40, with line  
 ABS (UL 94 HB)  
 black RAL 9005

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