

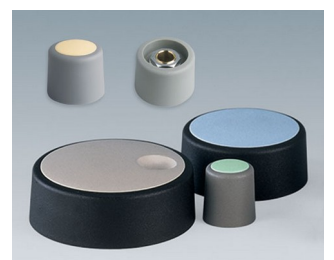
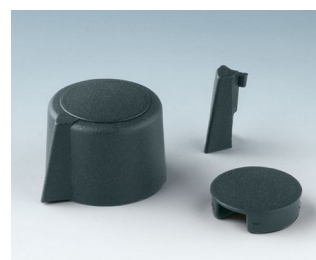
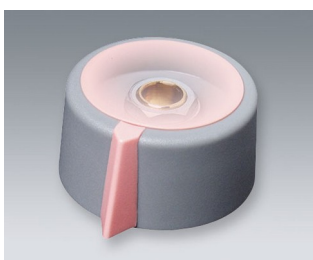
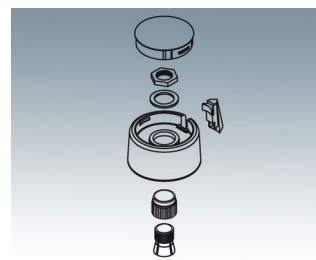
# COM-KNOBS

## 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



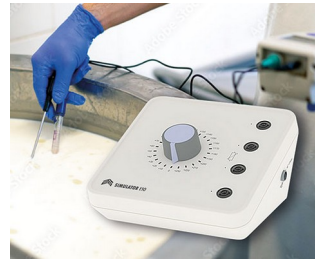
Operating elements for children's kitchen furniture



Operating elements for Klangfinder



Operating elements for ultrasonic nebulizer



Simulator for testing measuring instruments



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

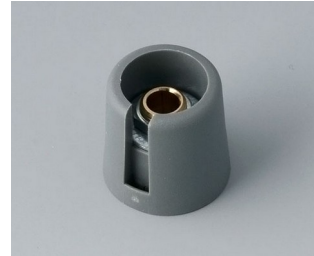
## Versões



**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

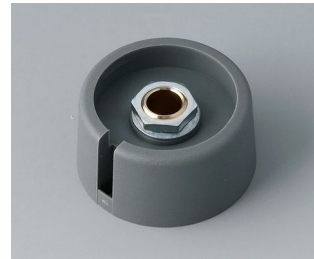
# COM-KNOBS



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



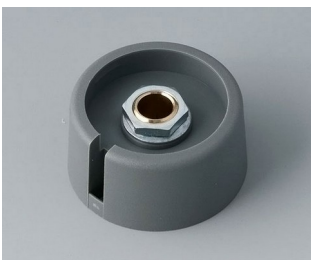
**A3023639**  
COM-KNOBS 23, with recess  
PA 6  
nero  
23x16mm 1/4"



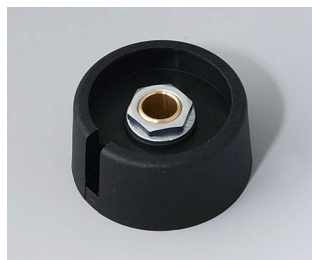
**A3031068**  
COM-KNOBS 31, with recess  
PA 6  
volcano  
31x16mm 6mm



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



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



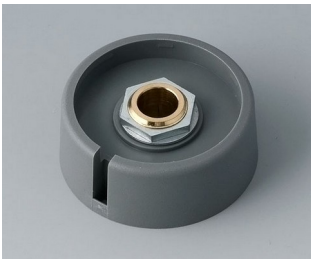
**A3031639**  
COM-KNOBS 31, with recess  
PA 6  
nero  
31x16mm 1/4"



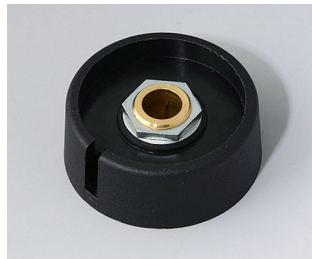
**A3040068**  
COM-KNOBS 40, with recess  
PA 6  
volcano  
40x16mm 6mm



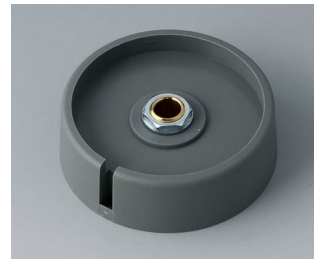
**A3040069**  
COM-KNOBS 40, with recess  
PA 6  
nero  
40x16mm 6mm



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



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



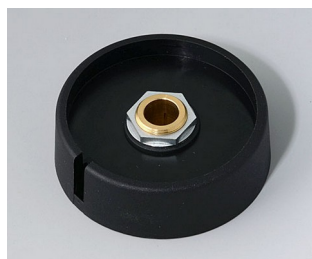
**A3050068**  
COM-KNOBS 50, with recess  
PA 6  
volcano  
50x16mm 6mm



**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

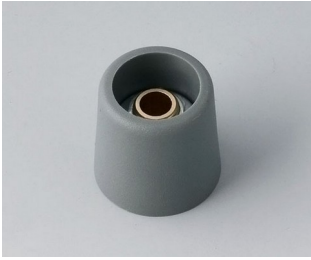


**A3116048**  
COM-KNOBS 16, without recess  
PA 6  
volcano  
16x16mm 4mm



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

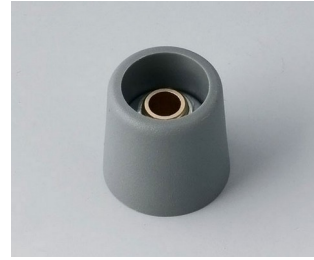
# COM-KNOBS



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



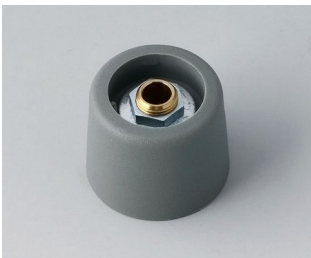
**A3116069**  
COM-KNOBS 16, without recess  
PA 6  
nero  
16x16mm 6mm



**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"

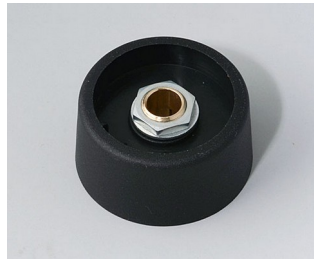


**A3123639**  
COM-KNOBS 23, without recess  
PA 6  
nero  
23x16mm 1/4"

# 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



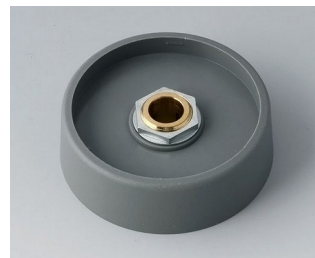
**A3140089**  
COM-KNOBS 40, without recess  
PA 6  
nero  
40x16mm 8mm



**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



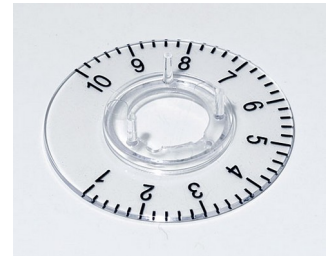
**A4416001**  
Dial 16  
PC (UL 94 HB)  
transparent



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



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



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



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



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

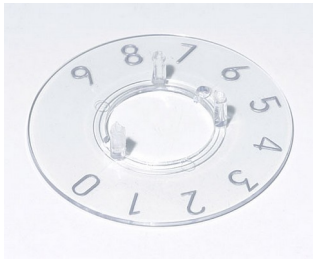


**A4420060**  
Dial 20  
PC (UL 94 HB)  
transparent

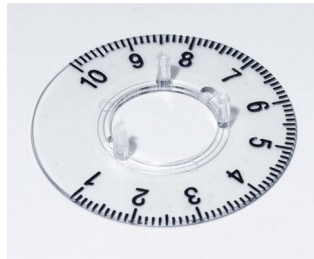


**A4423020**  
Dial 23  
PC (UL 94 HB)  
transparent

# COM-KNOBS



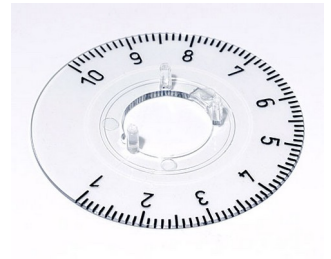
**A4423039**  
 Dial 23  
 PC (UL 94 HB)  
 transparent



**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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