MODERN APPEARANCE

THE PRODUCT

Outstanding appearance is characteristic of the COM-KNOBS.
Aesthetic design and a modern selection of colours in pastel tones give the appliances a high-quality appearance. Different sizes and combinations also provide a wide selection of attractive tuning knobs with the tried and tested collet fixture system.

APPLICATIONS

Well-proven for electro-mechanical rotary potentiometers with shaft ends corresponding to DIN 41 591, e.g. measuring and control technology, heating and air conditioning.

YOUR ADVANTAGE

New knob design for a modern, innovative image for your equipment.

The design is similar to our innovative TOP-KNOBS series. This guarantees you a uniform appearance when using the two knob technologies.

Reliable operation with the tried and tested collet fixture system: convenient assembly of knobs from the front and tight fitting of knobs on the axis. From knob size 23 up borehole without chamfer ① (size 16 + 20 with chamfer ②, except for axes 4 mm).

Without/with marking element.

For size 40 and larger, the cover is also available with a finger recess for rational handling during adjustment.

Multi-colour capacity through individual colour combination of marking element, cover and knob.

We also produce our COM-KNOBS in special colours, moq reserved. Please advise us of the colour and quantity you require.

MATERIAL

PA 6 reinforced.
Cover and marking element “Peak”
PA 6 unreinforced, colour nero PA 6 reinforced.
Disk and nut cover ABS.
Dial Polycarbonate.

Please refer to specifications on page 29.

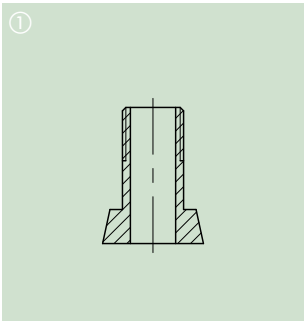
Knobs
Nero, NCS S 9000-N
Volcano, NCS S 5502-G

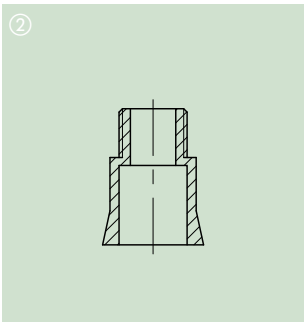
Covers without/with finger grip
Marking element “Peak”
Coral, NCS S 0050-R
Beach, NCS S 0030-Y20R
Lagoon, NCS S 1030-B70G
Sky, NCS S 1030-R80B
Mineral, NCS S 3502-G
Nero, NCS S 9000-N

Disk, Nut cover
Black, RAL 9005
Dust grey, RAL 7037

Dial
Transparent, bright surface with/without marking

Stator
Aluminium, marking black





TYPES

Knob ø	Torque (Nm) assembly	Torque (Nm) function	COM-KNOBS with recess borehole		COM-KNOBS without recess borehole	
16	0.6	0.4	4 mm		4 mm	
	0.8	0.7	6 mm		6 mm	
	0.8	0.7	1/4"		1/4"	
20	0.8	0.7	4 mm		4 mm	
	1.0	0.9	6 mm		6 mm	
	1.0	0.9	1/4"		1/4"	
23	1.0	0.8	4 mm		4 mm	
	1.2	1.0	6 mm		6 mm	
	1.2	1.0	1/4"		1/4"	
31	1.8	1.6	6 mm		6 mm	
	1.8	1.6	1/4"		1/4"	
40	2.5	1.6	6 mm		6 mm	
	2.8	1.8	8 mm		8 mm	
50	3.0	2.0	6 mm		6 mm	
	3.5	2.0	8 mm		8 mm	

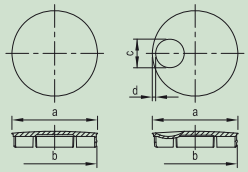
COM-KNOBS

COM-KNOBS WITH RECESS

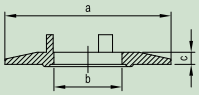
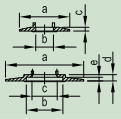
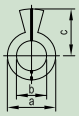
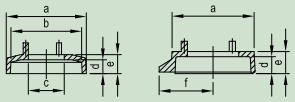
COM-KNOBS WITHOUT RECESS

COVER

without/
with
finger
recess



Knob ø	Dim. in mm without recess	Dim. in mm with recess	Borehole D							
16	Ø11.0, 16.0, D, Ø16.0		4 mm, without chamfer 6 mm, with chamfer 1/4", with chamfer	A 30 16 049 A 30 16 069 A 30 16 639	A 31 16 049 A 31 16 069 A 31 16 639	A 30 16 048 A 30 16 068 A 30 16 638	A 31 16 048 A 31 16 068 A 31 16 638	a = 11.5 b = 11.0	A 32 16 003 A 32 16 004 A 32 16 005 A 32 16 006 A 32 16 007 A 32 16 009	
20	Ø13.5, 16.0, D, Ø13.5, 3.0, Ø20.0		4 mm, without chamfer 6 mm, with chamfer 1/4", with chamfer	A 30 20 049 A 30 20 069 A 30 20 639	A 31 20 049 A 31 20 069 A 31 20 639	A 30 20 048 A 30 20 068 A 30 20 638	A 31 20 048 A 31 20 068 A 31 20 638	a = 14.0 b = 13.5	A 32 20 003 A 32 20 004 A 32 20 005 A 32 20 006 A 32 20 007 A 32 20 009	
23	Ø16.5, 16.0, D, Ø14.0, 3.0, Ø23.0		4 mm, without chamfer 6 mm, without chamfer 1/4", without chamfer	A 30 23 049 A 30 23 069 A 30 23 639	A 31 23 049 A 31 23 069 A 31 23 639	A 30 23 048 A 30 23 068 A 30 23 638	A 31 23 048 A 31 23 068 A 31 23 638	a = 17.0 b = 16.5	A 32 23 003 A 32 23 004 A 32 23 005 A 32 23 006 A 32 23 007 A 32 23 009	
31	Ø24.5, 16.0, D, Ø16.4, 3.0, Ø31.0		6 mm, without chamfer 1/4", without chamfer	A 30 31 069 A 30 31 639	A 31 31 069 A 31 31 639	A 30 31 068 A 30 31 638	A 31 31 068 A 31 31 638	a = 25.0 b = 24.5	A 32 31 003 A 32 31 004 A 32 31 005 A 32 31 006 A 32 31 007 A 32 31 009	
40	Ø33.4, 16.0, D, Ø23.0, 3.0, Ø40.0		6 mm, without chamfer 8 mm, without chamfer	A 30 40 069 A 30 40 089	A 31 40 069 A 31 40 089	A 30 40 068 A 30 40 088	A 31 40 068 A 31 40 088	a = 34.0 b = 33.5 c = 11.4 d = 1.3	A 32 40 003 A 32 40 004 A 32 40 005 A 32 40 006 A 32 40 007 A 32 40 009	A 32 40 103 A 32 40 104 A 32 40 105 A 32 40 106 A 32 40 107 A 32 40 109
50	Ø43.5, 16.0, D, Ø23.0, 3.0, Ø50.0		6 mm, without chamfer 8 mm, without chamfer	A 30 50 069 A 30 50 089	A 31 50 069 A 31 50 089	A 30 50 068 A 30 50 088	A 31 50 068 A 31 50 088	a = 44.0 b = 43.5 c = 12.9 d = 2.8	A 32 50 003 A 32 50 004 A 32 50 005 A 32 50 006 A 32 50 007 A 32 50 009	A 32 50 103 A 32 50 104 A 32 50 105 A 32 50 106 A 32 50 107 A 32 50 109

PEAK			DISK			DIAL			STATOR		NUT COVER			
only for COM-KNOBS with recess 			…010 = marking white 			…0 = symbols black …9 = symbols silver 			marking black 		…010 = marking white …018 = marking black 			
a = 3.9		A 33 16 003	a = 23.0 b = 10.0 c = 1.3		A 73 16 000	A 73 16 010	a = 31.0 b = 14.5 c = 10.0 d = 2.5 e = 1.7 (ø 16 with moulded-on nut cover)		A 44 16 001	A 60 16 019	a=16.0 b=10.1 c=15.5	a = 19.3 b = 17.6 c = 10.0 d = 3.3 e = 4.3		A 75 16 000	A 75 16 010
		A 33 16 004							A 44 16 010					A 75 16 018
		A 33 16 005							A 44 16 020					
		A 33 16 006							A 44 16 060		a = 16.4 b = 14.6 c = 10.0 d = 3.3 e = 4.3 f = 10.2		A 76 16 000	
		A 33 16 007											A 76 16 008	
		A 33 16 009												
a = 4.0		A 33 20 003					a = 36.0 b = 12.0 c = 1.5		A 44 20 001	a=20.0 b=10.1 c=18.0	A 60 20 019			
		A 33 20 004							A 44 20 010					
		A 33 20 005							A 44 20 060					
		A 33 20 006												
		A 33 20 007												
		A 33 20 009												
a = 4.0		A 33 20 003	a = 31.0 b = 16.5 c = 1.3			A 73 23 010	a = 40.0 b = 16.3 c = 1.3		A 44 23 010	a=23.0 b=10.2 c=20.0	A 60 23 019			
		A 33 20 004							A 44 23 020					
		A 33 20 005							A 44 23 039					
		A 33 20 006							A 44 23 060					
		A 33 20 007												
		A 33 20 009												
a = 4.0		A 33 20 003	a = 40.0 b = 16.5 c = 1.6		A 73 31 000	A 73 31 010	a = 49.9 b = 16.5 c = 1.5		A 44 31 010					
		A 33 20 004							A 44 31 060					
		A 33 20 005												
		A 33 20 006												
		A 33 20 007												
		A 33 20 009												
a = 4.0		A 33 20 003	a = 50.1 b = 24.0 c = 1.8			A 73 40 010								
		A 33 20 004												
		A 33 20 005												
		A 33 20 006												
		A 33 20 007												
		A 33 20 009												
a = 4.0		A 33 20 003												
		A 33 20 004												
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