RoHS PA PP +90° 0°

KNOB
High-resilience polypropylene based (PP) technopolymer, black colour, matte finish.

COLLAR OR FLANGE
Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

COLOURED CENTRE CAP
Technopolymer, matte finish. To order, add the index of the desired colour (C9, ..., C17) to the code and the description.
On request and for sufficient quantities, it can be supplied in other colours or with customised graphic symbols, marks or writings.

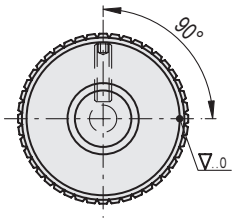
STANDARD EXECUTIONS
Brass boss, plain blind hole.
Assembly by means of a black-oxide steel transversal grub screw UNI 5929 (grub screw with hexagon socket and cup end). Included in the supply.
- **MBR+C**: plain collar.
- **MBR+CK**: collar with triangular index.
- **MBR+CGS**: collar with standard graduation, 40 marks, the numbering from 0 to 9 increases as the knob is turned clockwise.
- **MBR+FK**: flange with triangular index.
- **MBR+FGS**: flange with standard graduation, 40 marks, the numbering from 0 to 9 increases as the knob is turned clockwise.
- **MBR+FKP**: flange with triangular index. Rear compartment for potentiometer housing.
- **MBR+FGSP**: flange with standard graduation, 40 marks, the numbering from 0 to 9 increases as the knob is turned clockwise. Rear compartment for potentiometer housing.

Precision graduations, laser engraved numbering and triangular index.

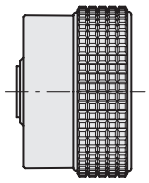
ERGONOMY AND DESIGN
The fine pitch knurling on the outside rim of the knob, allows a safe and comfortable grip, offering the operator the possibility of operating under the most different working conditions in a sensitive and ergonomic way and simplifying the adjustment of the knob during rapid rotation (or screwing) without any unpleasant angular work for the hand and wrist.

SPECIAL EXECUTIONS ON REQUEST
Different graduations (see Graduations Catalog 077 page 533).

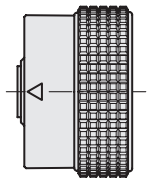
ELESA Original design



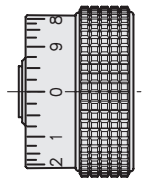
MBR+C

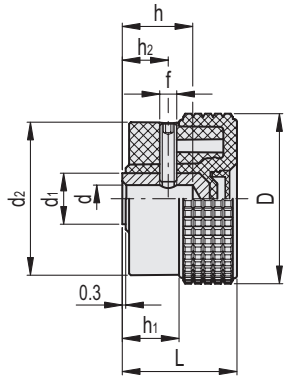


MBR+CK



MBR+CGS





Conversion Table *1 mm = 0.039 inch*	
D	
mm	inch
30	1.18
40	1.57
50	1.97

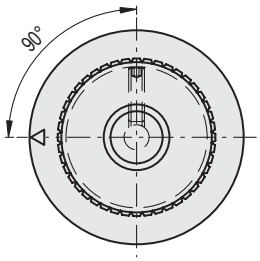
*Complete with colour index, example: 34811-C2 MBR.30 B-5+C-C2

C9	C2	C3	C4	C5	C6	C17
RAL9005	RAL2004	RAL7035	RAL1021	RAL5024	RAL3000	RAL6017

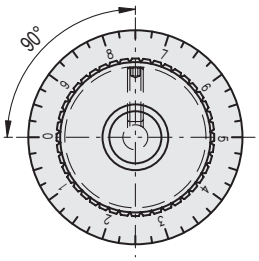
METRIC

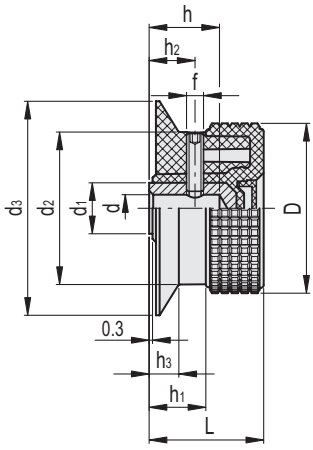
MBR+C		MBR+CK		MBR+CGS											
Code	Description	Code	Description	Code	Description	D	dH9	L	d1	d2	h	h1	h2	f	⚖
34811-*	MBR.30 B-5+C-*	34812-*	MBR.30 B-5+CK-*	34813-*	MBR.30 B-5+CGS-*	30	5	24	11	26	12	10.5	8.5	M4	32
34821-*	MBR.30 B-6+C-*	34822-*	MBR.30 B-6+CK-*	34823-*	MBR.30 B-6+CGS-*	30	6	24	12	26	14	10.5	8.5	M4	30
34831-*	MBR.40 B-6+C-*	34832-*	MBR.40 B-6+CK-*	34833-*	MBR.40 B-6+CGS-*	40	6	26	12	34.5	14	12	9	M4	35
34851-*	MBR.50 B-8+C-*	34852-*	MBR.50 B-8+CK-*	34853-*	MBR.50 B-8+CGS-*	50	8	33	15	45	20	15	11.5	M5	60

MBR+FK



MBR+FGS





Conversion Table *1 mm = 0.039 inch*	
D	
mm	inch
30	1.18
40	1.57
50	1.97

*Complete with colour index, example: 34814-C2 MBR.30 B-5+FK-C2

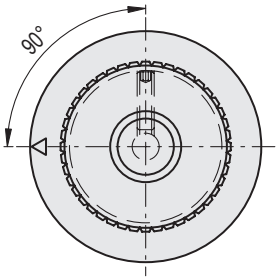
C9	C2	C3	C4	C5	C6	C17
RAL9005	RAL2004	RAL7035	RAL1021	RAL5024	RAL3000	RAL6017

METRIC

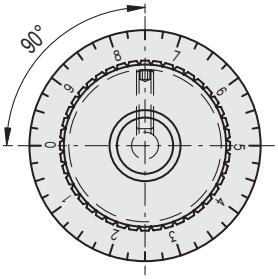
MBR+FK **MBR+FGS**

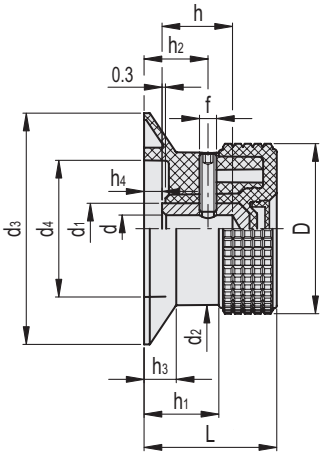
Code	Description	Code	Description	D	dH9	L	d1	d2	d3	h	h1	h2	h3	f	⚖
34814-*	MBR.30 B-5+FK-*	34815-*	MBR.30 B-5+FGS-*	30	5	24	11	26	42	12	10.5	8.5	5	M4	27
34824-*	MBR.30 B-6+FK-*	34825-*	MBR.30 B-6+FGS-*	30	6	24	12	26	42	14	10.5	8.5	5	M4	25
34834-*	MBR.40 B-6+FK-*	34835-*	MBR.40 B-6+FGS-*	40	6	26	12	34.5	50	14	12	9	5.5	M4	38
34854-*	MBR.50 B-8+FK-*	34855-*	MBR.50 B-8+FGS-*	50	8	33	15	45	63	20	15	11.5	6.5	M5	65

MBR+FKP



MBR+FGSP





*Complete with colour index, example: 34816-C2 MBR.30 B-5+FKP-C2

C9	C2	C3	C4	C5	C6	C17
RAL9005	RAL2004	RAL7035	RAL1021	RAL5024	RAL3000	RAL6017

METRIC

MBR+FKP **MBR+FGSP**

Code	Description	Code	Description	D	dH9	L	d1	d2	d3	d4	h	h1	h2	h3	h4	f	⚖
34816-*	MBR.30 B-5+FKP-*	34817-*	MBR.30 B-5+FGSP-*	30	5	29	11	26	42	22	12	16	11.5	7	5	M4	31
34826-*	MBR.30 B-6+FKP-*	34827-*	MBR.30 B-6+FGSP-*	30	6	29	12	26	42	22	14	16	11.5	7	5	M4	29
34836-*	MBR.40 B-6+FKP-*	34837-*	MBR.40 B-6+FGSP-*	40	6	32.5	12	34.5	50	31	14	18.5	14	8	6	M4	42
34856-*	MBR.50 B-8+FKP-*	34857-*	MBR.50 B-8+FGSP-*	50	8	39	15	45	63	40	20	22	16	9.5	6	M5	67