



BOTECO[®]

YOUR MECHANICAL COMPONENT

GROUP - M

HANDLES





ALL THE
OF PO



BOTECA[®]

M151



REVOLVING HANDLE WITH FIXED SCREW AND HEXAGON SOCKET HEAD

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

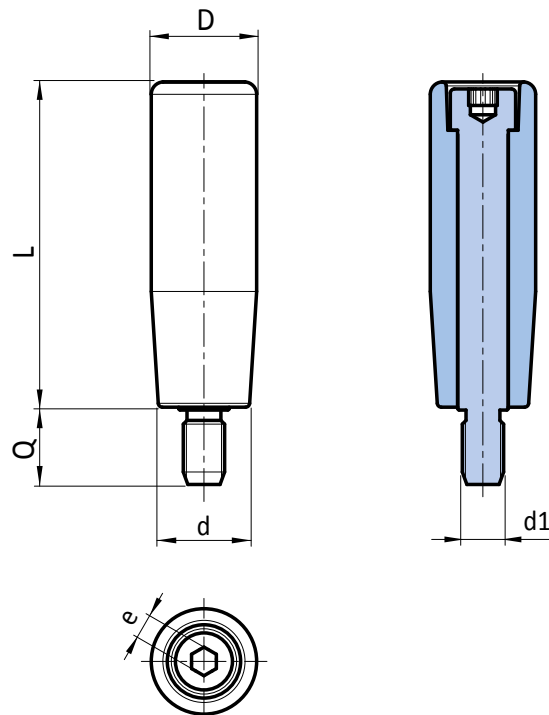
Black (RAL 9011).

Inserts:

Special turned nickel-plated steel screw, with partially threaded stud. Hexagon socket head (thread tolerance 6g).

Special Requests:

- Upon request and for special quantities inserts can be supplied in different materials.
- Upon request and for special quantities available in the colours indicated in the chart [page 807].



🛒	art.	L	D	d	e	d1 _{6g}	Q	📦
●	M15150.TM08X1501H	49	20	15	5	M8	15	49
●	M15170.TM08X1701H	68	23	20	6	M8	17	79
●	M15170.TM10X1701H	68	23	20	6	M10	17	98
●	M15180.TM10X1801H	79	25	22	6	M10	18	119
●	M15190.TM10X1801H	90	28	22.5	8	M10	18	144

M138

HANDLE WITH THREADED HOLE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

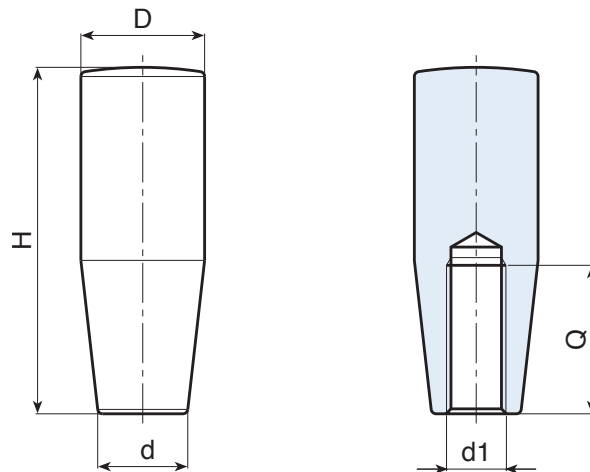
Black (RAL 9011).

Hole:

Female threaded hole obtained by moulding the plastic (thread tolerance not applicable).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



	art.	H	D	d	d1	Q	g
●	M13827.TM0401	27	14	10	M4	20	6
●	M13827.TM0501	27	14	10	M5	20	5
●	M13827.TM0601	27	14	10	M6	20	5
●	M13840.TM0501	40	18	16	M5	20	10
●	M13840.TM0601	40	18	16	M6	27	10
●	M13840.TM0801	40	18	16	M8	27	10
●	M13850.TM0601	50	20	15	M6	24	16
●	M13850.TM0801	50	20	15	M8	23	14
●	M13850.TM1001	50	20	15	M10	25	14
●	M13860.TM0801	60	23	18	M8	30	24
●	M13860.TM1001	60	23	18	M10	30	24
●	M13860.TM1201	60	23	18	M12	29	22
●	M13870.TM0801	70	25	19	M8	30	34
●	M13870.TM1001	70	25	19	M10	30	32
●	M13870.TM1201	70	25	19	M12	31	28
●	M13880.TM0801	80	26	21	M8	31	40
●	M13880.TM1001	80	26	21	M10	31	38
●	M13880.TM1201	80	26	21	M12	37	36
●	M13880.TM1401	80	26	21	M14	40	34
●	M13890.TM0801	90	27	22	M8	30	58
●	M13890.TM1001	90	27	22	M10	31	54
●	M13890.TM1201	90	27	22	M12	37	50
●	M13890.TM1401	90	27	22	M14	40	46
●	M138110.TM1001	109	32	27	M10	31	105
●	M138110.TM1201	109	32	27	M12	50	104
●	M138110.TM1401	109	32	27	M14	50	100

M238



“EUROMODEL” HANDLE WITH THREADED HOLE

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

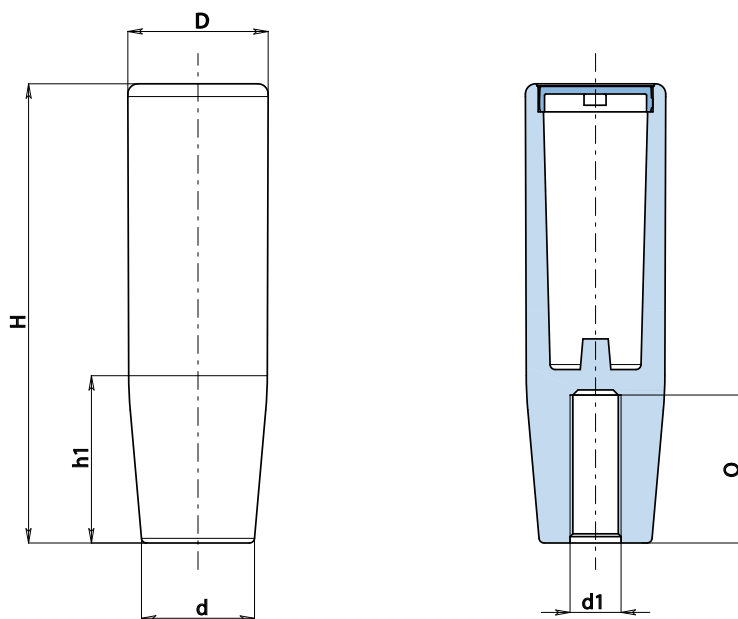
Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Hole:

Female threaded hole obtained by moulding the plastic (thread tolerance not applicable).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].



🛒	art.	H	D	d	h1	d1	Q	📦
●	M23890.TM080113	89.5	27	22	32	M8	30	40
●	M23890.TM100113	89.5	27	22	32	M10	30	39
●	M23890.TM120113	89.5	27	22	32	M12	30	37

M139

HANDLE WITH SMOOTH BORE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

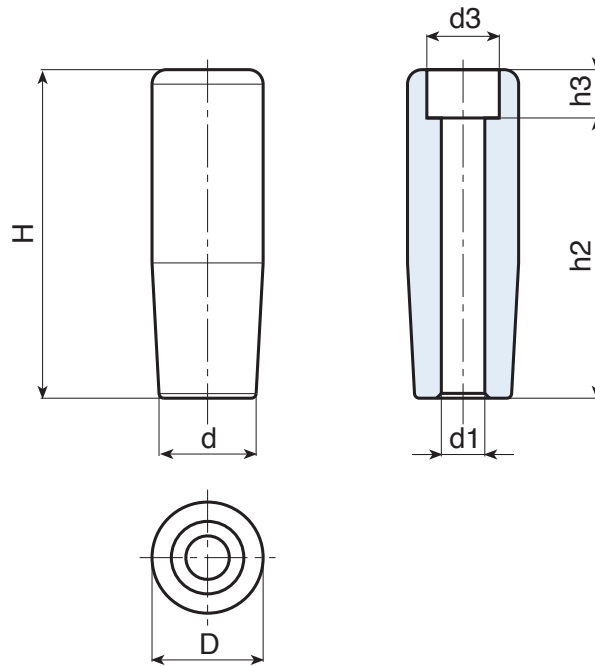
Black (RAL 9011).

Hole:

Smooth through bore obtained by moulding the plastic (tolerance not applicable).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



art.	H	D	d	h2	h3	d1	d3	g
M13950.TG06,501	49	20	15	42.5	6.5	6.5	11	13
M13950.TG08,501	49	20	15	42.5	6.5	8.5	11	10
M13960.TG06,501	59	21	19	51	8	6.5	12	23
M13960.TG08,501	59	21	19	49	10	8.5	14	20
M13970.TG08,501	68	23	20	57.5	10.5	8.5	14	28
M13970.TG10,501	68	23	20	56	12	10.5	17	25
M13980.TG10,501	79	25	22	67	12	10.5	17	38
M13990.TG08,501	90	28	22.5	80.5	9.5	8.5	14	46
M13990.TG12,501	90	28	22.5	76	14	12.5	19	42

M141

CYLINDRICAL HANDLE WITH SMOOTH BORE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

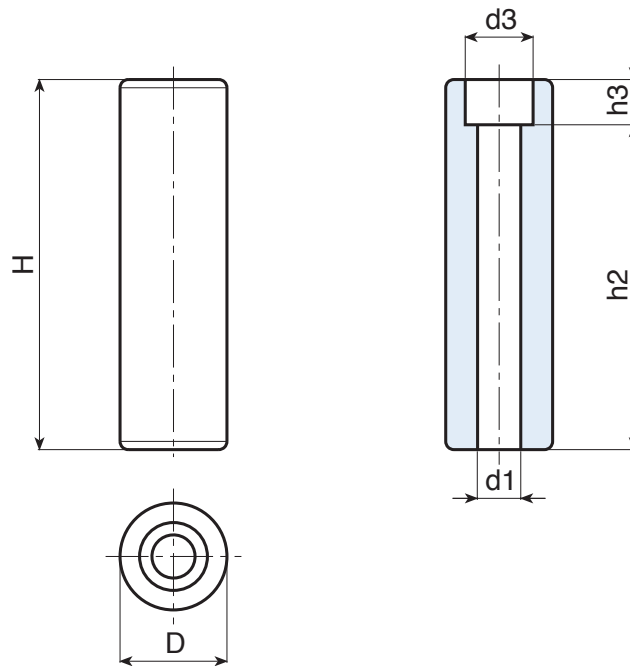
Black (RAL 9011).

Hole:

Smooth through bore obtained by moulding the plastic (tolerance not applicable).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



	art.	H	D	h2	h3	d1	d3	
●	M14182.TG10,501	80	26	69	11	10.5	16.5	44
●	M14190.TG10,501	89	26	78	11	10.5	16.5	51

M140

HANDLE WITH THREADED STUD



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

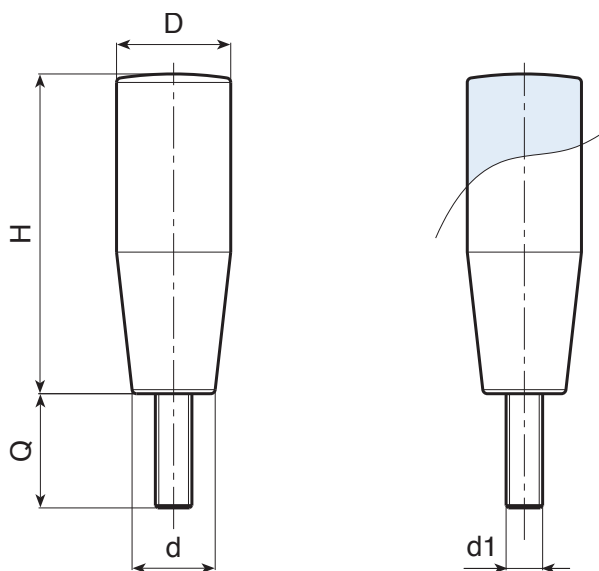
Black (RAL 9011).

Inserts:

Galvanised steel threaded stud (thread tolerance 6g).

Special Requests:

- Upon request and for special quantities inserts can be supplied with customised lengths.
- Upon request and for special quantities inserts can be supplied in different materials.
- Upon request and for special quantities available in the colours indicated in the chart [page 807].



art.	H	D	d	LM	d1 _{6g}	Q	🔒
M14027.TM04X2001	27	14	10	30	M4	20	10
M14027.TM05X2001	27	14	10	30	M5	20	15
M14027.TM06X2001	27	14	10	30	M6	20	20
M14040.TM05X2001	40	18	15.5	30	M5	20	20
M14040.TM06X..01	40	18	15	30	M6	10-16-25	18-19-21
M14050.TM06X..01	50	20	15	35	M6	10-20	24-27
M14050.TM08X..01	50	20	15	35	M8	10-15-20	34-32-30
M14060.TM06X2001	60	23	17.5	35	M6	20	40
M14060.TM08X..01	60	23	17.5	35	M8	10-20-30	34-42-50
M14060.TM10X1501	60	23	17.5	35	M10	15	40
M14070.TM08X..01	70	25	18	35	M8	10-20-30	51-54-57
M14080.TM08X..01	80	26	21	35	M8	10-20-25	74-77-78,5
M14080.TM10X..01	80	26	21	35	M10	10-20-30	84-86-88
M14090.TM08X..01	90	27	22	35	M8	10-20	74-77
M14090.TM10X..01	90	27	22	35	M10	10-20-30	95-100-105
M14090.TM12X..01	90	27	22	40	M12	20-30	104-112
M140110.TM12X2001	109	32	27	80	M12	20	162
M140110.TM14X..01	109	32	27	80	M14	A.R.	-

Enter the selected stud length in place of the two dots . . in the item code. Customised stud length available for a minimum of 100 pieces.

A.R. = Upon request, for a minimum of 100 pieces.

LM = Maximum mouldable length.



Stock availability as % (🛒)
90% (●) - 40% (●) - 5% (●)

M240



“EUROMODEL” HANDLE WITH THREADED STUD

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Inserts:

Galvanised steel threaded stud (thread tolerance 6g).

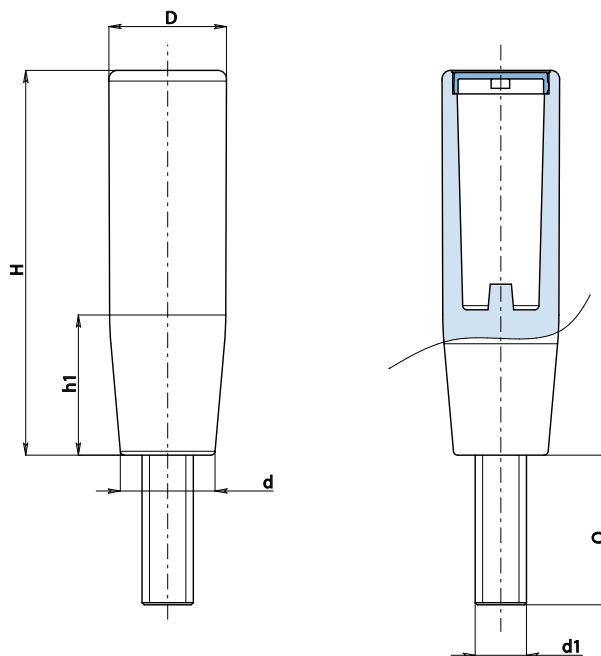
Special Requests:

- Upon request and for special quantities inserts can be supplied with customised lengths.
- Upon request and for special quantities inserts can be supplied in different materials.
- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].

Studs lengths already setup on the mould:

For all threads:

10-15-20-25-30-35-40-45-50-55-60-65-70-75-80



art.	H	D	d	h1	LM	d1 _{6g}	Q	g
M24090.TM08X..0113	89.5	27	22	32	80	M8	10-15	65-66,5
M24090.TM10X..0113	89.5	27	22	32	80	M10	10-20	70-75
M24090.TM12X200113	89.5	27	22	32	80	M12	20	83

Enter the selected stud length in place of the two dots . . in the item code. Customised stud length available for a minimum of 100 pieces.

LM = Maximum mouldable length.



M144

REVOLVING HANDLE WITH SCREW AND NUT



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Inserts:

M144:

(1) Threaded hexagonal socket head cap screw (TCCE) in black-oxyde treated steel DIN 912.

(2) Black-oxyde treated steel nut DIN 934.

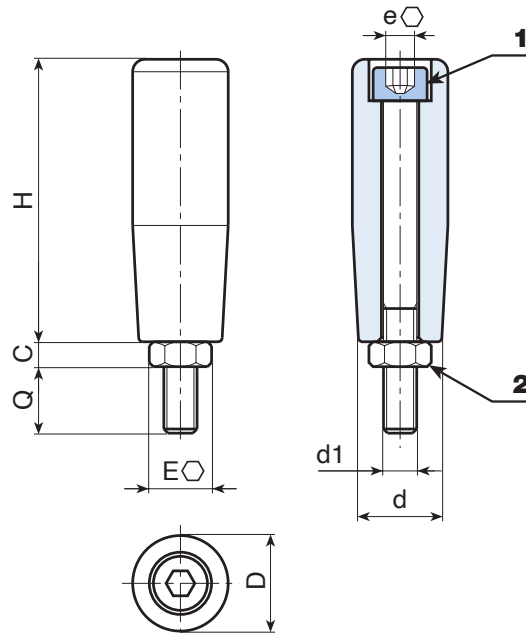
M144CIN:

(1) Threaded hexagonal socket head cap screw (TCCE) in stainless steel (Aisi 304) DIN 912.

(2) Stainless steel nut (AISI 304) DIN 934.

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



Version M144: with black oxide treated steel inserts.

art.	H	D	d	c	E	e	d1 _{6g}	Q	g
M14450.TM06X0901	49	20	17	5	10	5	M6	9	30
M14450.TM08X1401	49	20	17	6.5	1	5	M8	14	32
M14460.TM08X1501	59	21	19	6.5	13	6	M8	15	56
M14470.TM08X1601	68	23	20	6.5	17	8	M8	16	68
M14470.TM10X1601	68	23	20	8	17	8	M10	16	92
M14480.TM10X1501	79	25	22	8	17	8	M10	15	110
M14490.TM12X1701	89	28	24.5	7	19	1	M12	17	150

Version M144CIN: with stainless steel inserts (Aisi 304).

INOX

art.	H	D	d	c	E	e	d1 _{6g}	Q	g
M14450.TM06X1401CIN	49	20	17	5	10	5	M6	14	30
M14450.TM08X1401CIN	49	20	17	6.5	1	5	M8	14	32
M14460.TM08X1501CIN	59	21	19	6.5	13	6	M8	15	56
M14470.TM08X1601CIN	68	23	20	6.5	17	8	M8	16	68
M14470.TM10X1601CIN	68	23	20	8	17	8	M10	16	92
M14480.TM10X1501CIN	79	25	22	8	17	8	M10	15	110
M14490.TM12X1701CIN	89	28	24.5	7	19	1	M12	17	150



M129

REVOLVING HANDLE WITH HEXAGONAL SOCKET STUD



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Inserts:

M129:

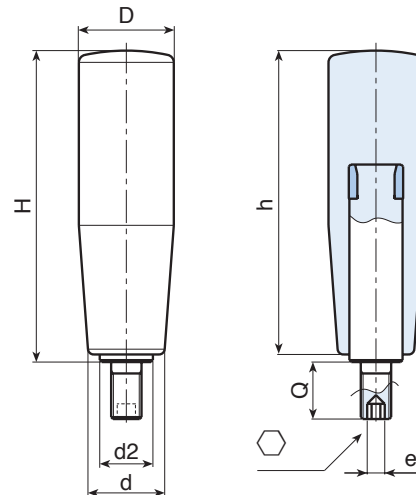
Revolving galvanised steel threaded stud, with hexagon socket head and harmonic steel rotating spring (thread tolerance 6g).

M129CIN:

Revolving stainless steel threaded stud (Aisi 303), with hexagon socket head and stainless steel rotating spring (Aisi 302) (thread tolerance 6g).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



Version M129: with galvanised steel insert.

art.	H	D	h	d	d2	e	d1 _{6g}	Q	g
M12950.TM06X1201	51.5	20	50	15	10	3	M6	12	42
M12960.TM06X1201	61.5	23	60	18	10	3	M6	12	54
M12960.TM08X1501	61.5	23	60	18	10	4	M8	15	60
M12970.TM08X1501	71.5	25	70	19	10	4	M8	15	92
M12970.TM10X1501	71.5	25	70	19	10	4	M10	15	94
M12980.TM08X1501	81.5	26	80	21	14	4	M8	15	98
M12980.TM10X1501	81.5	26	80	21	14	5	M10	15	104
M12980.TM12X1501	81.5	26	80	21	14	5	M12	15	104
M12990.TM10X1501	91.5	27	90	22	14	5	M10	15	118
M12990.TM12X1501	91.5	27	90	22	14	5	M12	15	120

Version M129CIN: with stainless steel insert (Aisi 303).

INOX

art.	H	D	h	d	d2	e	d1 _{6g}	Q	g
M12950.TM06X1201CIN	51.5	20	50	15	10	3	M6	12	42
M12960.TM06X1201CIN	61.5	23	60	18	10	3	M6	12	54
M12960.TM08X1501CIN	61.5	23	60	18	10	4	M8	15	60
M12970.TM08X1501CIN	71.5	25	70	19	10	4	M8	15	92
M12970.TM10X1501CIN	71.5	25	70	19	10	4	M10	15	94
M12980.TM08X1501CIN	81.5	26	80	21	14	4	M8	15	98
M12980.TM10X1501CIN	81.5	26	80	21	14	5	M10	15	104
M12980.TM12X1501CIN	81.5	26	80	21	14	5	M12	15	104
M12990.TM10X1501CIN	91.5	27	90	22	14	5	M10	15	118
M12990.TM12X1501CIN	91.5	27	90	22	14	5	M12	15	120



M229



“EUROMODEL” REVOLVING HANDLE WITH HEXAGONAL SOCKET STUD

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Revolving insert:

M229:

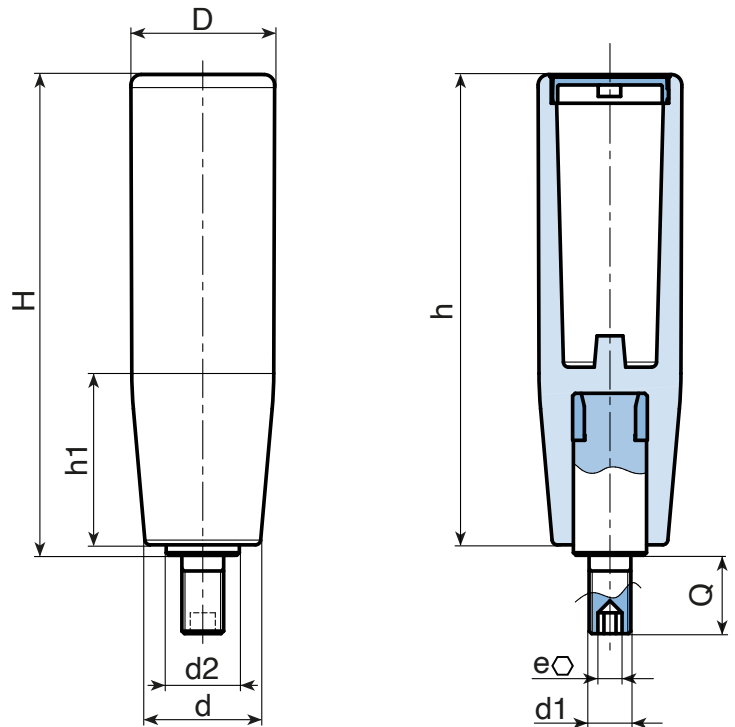
Revolving galvanised steel threaded stud, with hexagon socket head and brass washer (thread tolerance 6g).

M229CIN:

Revolving stainless steel threaded stud (Aisi 303), with hexagon socket head and brass washer (thread tolerance 6g).

Special requests:

- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].



Version M229: galvanised steel version.

🛒	art.	H	D	d	d2	e	h	h1	d1 _{6g}	Q	📦
●	M22990.TM10X150113	91.5	27	22	14	5	89.5	32	M10	15	78
●	M22990.TM12X150113	91.5	27	22	14	5	89.5	32	M12	15	82

Version M229: stainless steel version.

🛒	art.	H	D	d	d2	e	h	h1	d1 _{6g}	Q	📦
●	M22990.TM10X150113CIN	91.5	27	22	14	5	89.5	32	M10	15	78
●	M22990.TM12X150113CIN	91.5	27	22	14	5	89.5	32	M12	15	82



Stock availability as % (🛒)
90% (●) - 40% (●) - 5% (●)

M245



“EUROMODEL” REVOLVING HANDLE WITH RING NUT

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Revolving insert:

M245:

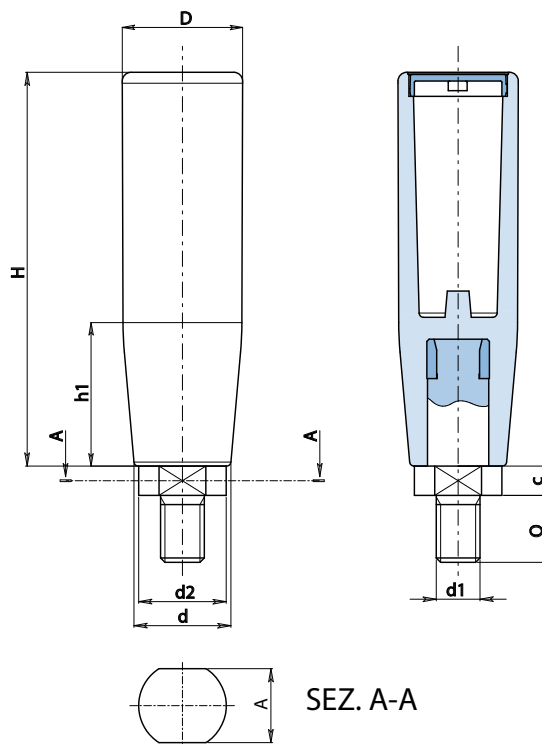
Revolving galvanised steel threaded stud, with ring nut with seat for key and brass rotating washer (thread tolerance 6g).

M245CIN:

Revolving stainless steel threaded stud (Aisi 303), with ring nut with seat for key and brass rotating washer (thread tolerance 6g).

Special requests:

- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].



Version M245: galvanised steel version.

art.	H	D	d	A	c	h1	d1 _{6g}	Q	g
M24590.TM10X150113	89.5	27	22	17	7	32	M10	15	89
M24590.TM12X150113	89.5	27	22	17	7	32	M12	15	89

Version M245: stainless steel version.

art.	H	D	d	A	c	h1	d1 _{6g}	Q	g
M24590.TM10X150113CIN	89.5	27	22	17	7	32	M10	15	89
M24590.TM12X150113CIN	89.5	27	22	17	7	32	M12	15	89

INOX

M145

REVOLVING HANDLE WITH RING NUT



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Inserts:

M145:

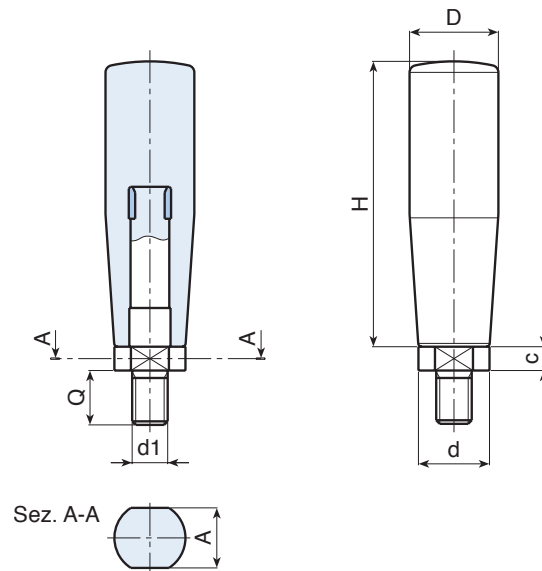
Revolving galvanised steel threaded stud, with ring nut with seat for key and harmonic steel rotating spring (thread tolerance 6g).

M145CIN:

Revolving stainless steel threaded stud (Aisi 303), with ring nut with seat for key and stainless steel rotating spring (Aisi 302) (thread tolerance 6g).

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



Version M145: with galvanised steel inserts.

🛒	art.	H	D	d	c	A	d1 _{6g}	Q	📦
●	M14550.TM06X1201	50	20	12	5	10	M6	12	32
●	M14560.TM08X1501	60	23	14	7	13	M8	15	74
●	M14570.TM08X1501	70	25	14	7	13	M8	15	82
●	M14570.TM10X1501	70	25	14	7	13	M10	15	86
●	M14580.TM10X1501	80	26	18	6.5	16	M10	15	92
●	M14580.TM12X1501	80	26	18	6.5	16	M12	15	96
●	M14590.TM10X1501	90	27	18	6.5	16	M10	15	104
●	M14590.TM12X1501	90	27	18	6.5	16	M12	15	108

Version M145CIN: with stainless steel inserts (Aisi 303).

🛒	art.	H	D	d	c	A	d1 _{6g}	Q	📦
●	M14550.TM06X1201CIN	50	20	12	5	10	M6	12	32
●	M14560.TM08X1501CIN	60	23	14	7	13	M8	15	74
●	M14570.TM08X1501CIN	70	25	14	7	13	M8	15	82
●	M14570.TM10X1501CIN	70	25	14	7	13	M10	15	86
●	M14580.TM10X1501CIN	80	26	18	6.5	16	M10	15	92
●	M14580.TM12X1501CIN	80	26	18	6.5	16	M12	15	96
●	M14590.TM10X1501CIN	90	27	18	6.5	16	M10	15	104
●	M14590.TM12X1501CIN	90	27	18	6.5	16	M12	15	108

INOX



M136

REVOLVING AND FOLDING HANDLE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Inserts:

M136

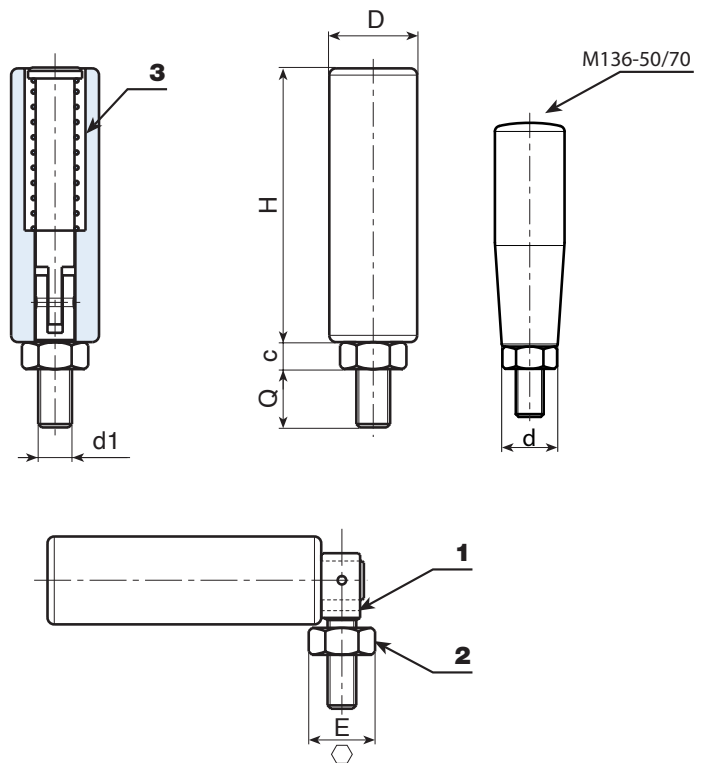
- 1) Black oxide treated steel revolving, folding threaded cross-head stud.
- 2) Threaded nut with black-oxide treated steel DIN 934.
- 3) Galvanised steel spring.

M136 CIN

- 1) Stainless steel (Aisi 303) revolving, folding threaded cross-head stud.
- 2) Stainless steel (Aisi 304) threaded nut DIN 934.
- 3) Stainless steel spring (Aisi 302).

Special requests:

- Upon request and for special quantities inserts can be supplied galvanised (add CVZ at the end of the black-oxide-treated code).
- Upon request and for special quantities available in the colours indicated in the chart [page 807].



Version M136: black oxide treated steel version.

art.	H	D	d	E	c	d1 _{lg}	Q	g	F1 (N)
M13650.TM06X0901	49	20	15	10	5	M6	9	39	270
M13670.TM08X1001	69	25	19	13	6.5	M8	10	71	840
M13682.TM10X1501	81	26	-	17	8	M10	15	152	1700
M13690.TM10X1501	89	26	-	17	8	M10	15	160	2700

Version M136CIN: stainless steel version (Aisi 303).

art.	H	D	d	E	c	d1 _{lg}	Q	g	F1 (N)
M13650.TM06X0901CIN	49	20	15	10	5	M6	9	39	270
M13670.TM08X1001CIN	69	25	19	13	6.5	M8	10	71	840
M13682.TM10X1501CIN	81	26	-	17	8	M10	15	152	1700
M13690.TM10X1501CIN	89	26	-	17	8	M10	15	160	2700

INOX



Stock availability as % (🛒)
90% (●) - 40% (●) - 5% (●)

M336

FULL STEEL REVOLVING, FOLDING HANDLE



AVP

AISI
303



Materials:

M336:

Free-cutting steel.

M336CIN:

Stainless steel (Aisi 303).

Surface finish:

M336:

Fine turned, standard blue galvanising.

M336CIN:

Fine turned, natural, untreated.

Inserts:

M336:

1) Galvanised steel revolving, folding threaded cross-head stud.

(2) Galvanised steel threaded nut DIN 934.

(3) Galvanised steel spring.

M336CIN:

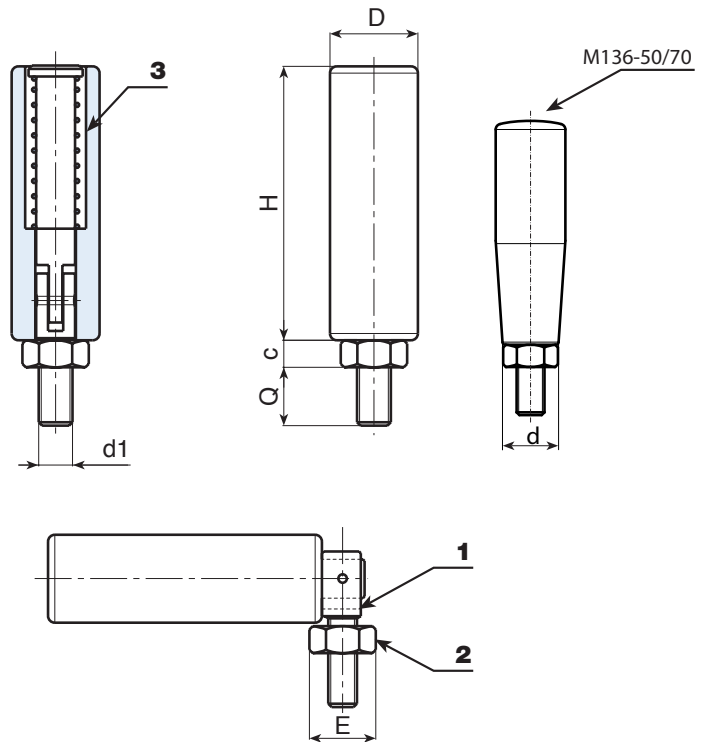
(1) Stainless steel (Aisi 303) revolving, folding threaded cross-head stud.

(2) Stainless steel (Aisi 304) threaded nut DIN 934.

(3) Stainless steel spring (Aisi 302).

Special requests:

- None.



Version M336: galvanised steel version.

art.	H	D	d	E	c	d1 _{6g}	Q	F1 (N)
M33650.VZM06X09	49	20	15	10	5	M6	9	270
M33670.VZM08X10	69	25	19	13	6.5	M8	10	840
M33682.VZM10X15	81	26	-	17	8	M10	15	1700
M33690.VZM10X15	89	26	-	17	8	M10	15	2700

Version M336CIN: stainless steel version.

art.	H	D	d	E	c	d1 _{6g}	Q	F1 (N)
M33650.INM06X09CIN	49	20	15	10	5	M6	9	270
M33670.INM08X10CIN	69	25	19	13	6.5	M8	10	840
M33682.INM10X15CIN	81	26	-	17	8	M10	15	1700
M33690.INM10X15CIN	89	26	-	17	8	M10	15	2700

INOX



M204CIN



REVOLVING AND FOLDING HANDLE WITH ROUND STAINLESS STEEL BASE

INOX

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

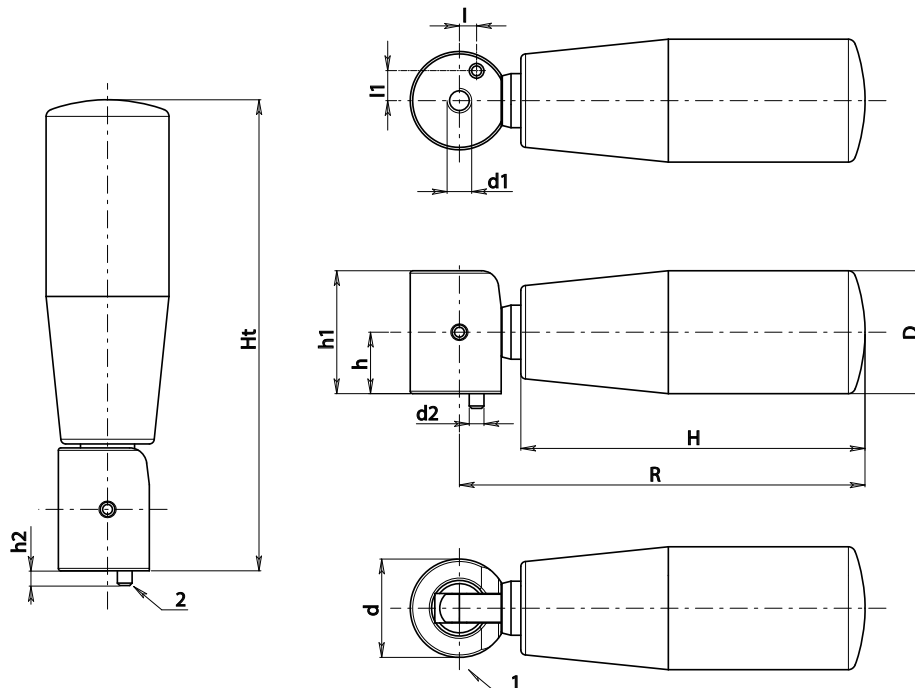
Black (RAL 9011).

Inserts:

- (1) Stainless steel revolving and folding mechanism (Aisi 303).
- (2) Stainless steel reference pin (Aisi 304) DIN 934.
- (3) Stainless steel spring (Aisi 302).

Special versions:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].
- Upon request and for special quantities the insert can be supplied:
 - in black oxide treated steel (ZB at the end of the code),
 - in galvanised steel (CVZ at the end of the code),
 - in stainless steel Aisi 304 (CIH at the end of the code).



INOX

	art.	H	D	d	R	Ht	h	h1	h2	d1	d2	l	l1	
●	M20470.TM0501CIN	70	25	20	82.5	96	12.5	25	3	M5	3	3.5	6.1	114
●	M20480.TM0501CIN	80	26	21	92.5	106	12.5	25	3	M5	3	3.5	6.1	145



M202



"EUROMODEL" REVOLVING HANDLE WITH SCREW AND BUSH ADAPTER

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

(1) Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Inserts:

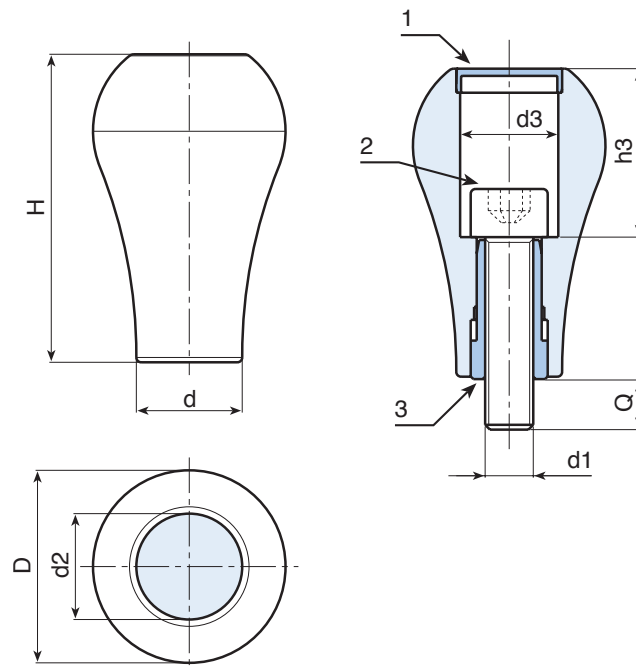
(2) Galvanised steel threaded screw DIN 912/UNI 5931.
(3) Bored through bush adapter in galvanised steel.

ATTENTION:

The handle is supplied unassembled and packaged separately.

Special Requests:

- Upon request and for special quantities inserts can be supplied with customised lengths.
- Upon request and for special quantities inserts can be supplied in different materials.
- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].



	art.	H	D	d	d2	d3	h3	d1 _{6g}	Q	g
●	M20264.TM08X1101Z1	64	40	22.5	22	20.5	34.5	M8	11	95
●	M20264.TM10X1101Z1	64	40	22.5	22	20.5	34.5	M10	11	95

M135

ROUNDED HANDLE WITH PUSH-FIT HOLE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Hole:

Version TG:

Blind smooth bore, with deformable fixing ribs, obtained by moulding the plastic.

Version TM:

Female threaded hole obtained by moulding the plastic (thread tolerance not applicable).

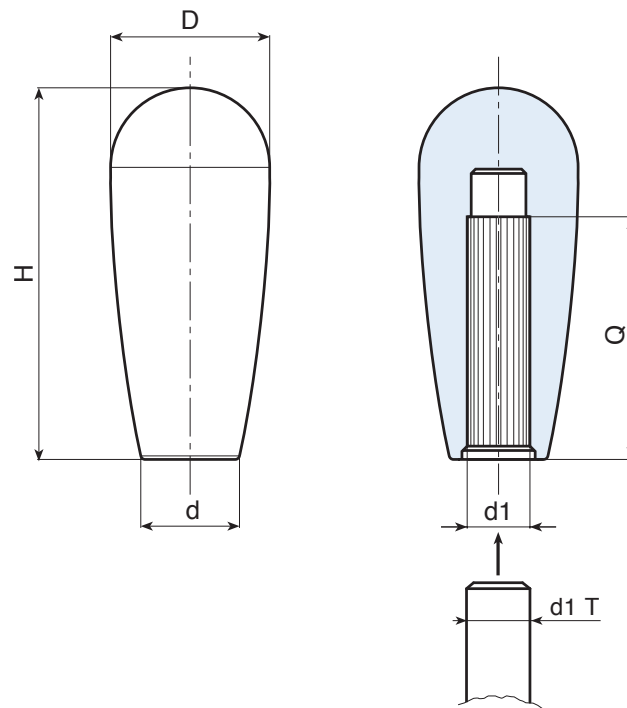
Fixing method:

Version TG:

Push-fit.

Special Requests:

- Upon request and for special quantities the handle can be supplied with threaded hole (code TM).
- Upon request and for special quantities diameter d1 can be supplied to customer's drawing.
- Upon request and for special quantities available in the colours indicated in the chart [page 807].(*) ATTENTION reduced colour range.



Version TG: With push-fit hole.

art.	H	D	d	d1 T	d1	Q	g
M13583.TG1001	84	35	22	+0 -0,058	10	58	64
M13583.TG1201	84	35	22	+0 -0,070	12	62	62
M13583.TG1401	84	35	22	+0 -0,070	14	60	59

Version TM: With threaded hole.

art.	H	D	d	d1	Q	g
M13583.TM1001	84	35	22	M10	58	64

M128

GEAR STICK HANDLE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Hole:

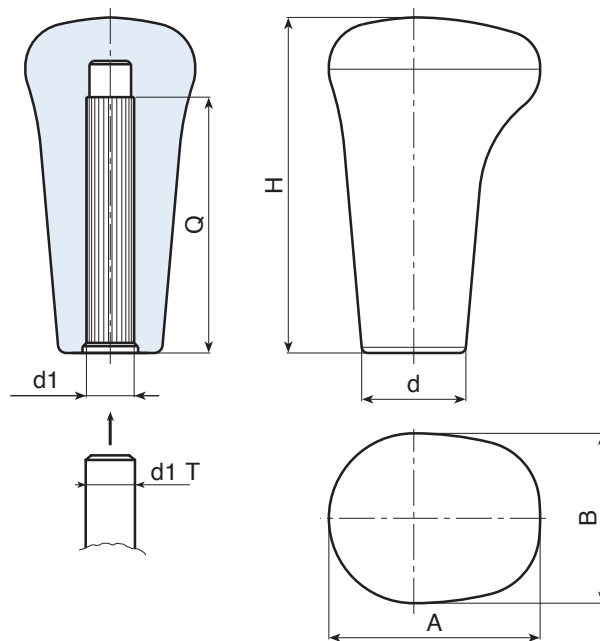
Blind smooth bore, with deformable fixing ribs, obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- Upon request and for special quantities diameter d1 can be supplied to customer's drawing.
- Upon request and for special quantities available in the colours indicated in the chart [page 807].(*) ATTENTION reduced colour range.



art.	H	A	B	d	d1 T	d1	Q	g
M12880.TG1201	80	50	40	26	+0 -0,058	10	58	64
M12880.TG1401	80	50	40	26	+0 -0,070	12	62	62
M12880.TG1601	80	50	40	26	+0 -0,070	14	60	59



Stock availability as % (🛒)
90% (●) -40% (●) -5% (●)

M

M510

PUSH-FIT HANDLE WITH HOLE



Materials:

Blend of polypropylene and thermoplastic rubber TPV.

Surface finish:

Smooth.

Colour:

Black (RAL 9011).

Hole:

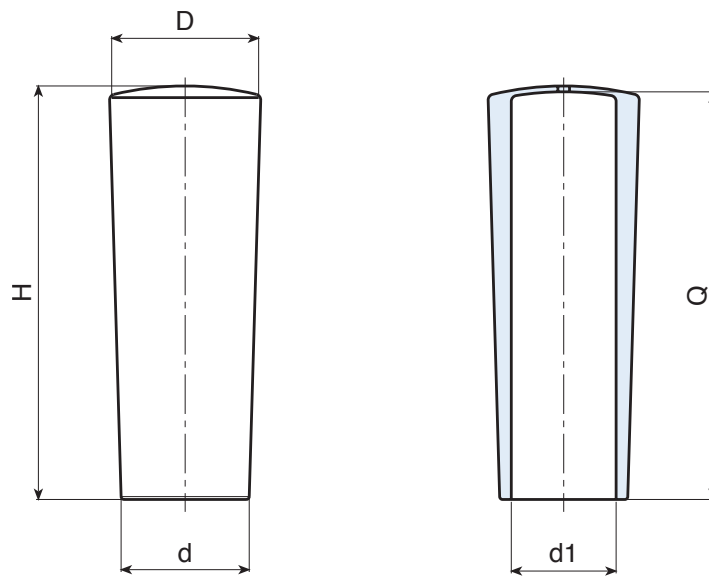
Blind smooth bore with small through hole obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- None.



🛒	art.	H	D	d	d1	Q	📦
●	M51034.TG0801	34	16	14	8	32	4
●	M51034.TG0901	34	16	14	9	32	3
●	M51038.TG1001	38	18	15.5	10	35	6
●	M51038.TG1101	38	18	15.5	11	35	5
●	M51043.TG1201	43	20	16	12	40	7
●	M51048.TG1401	48	23	18	14	44	10
●	M51062.TG1601	62	25	20	16	59	12
●	M51072.TG1801	72	27	22	18	69	16
●	M51079.TG2001	79	30	24	20	76	20

M146

HANDLE WITH PUSH-FIT HOLE



Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Hole:

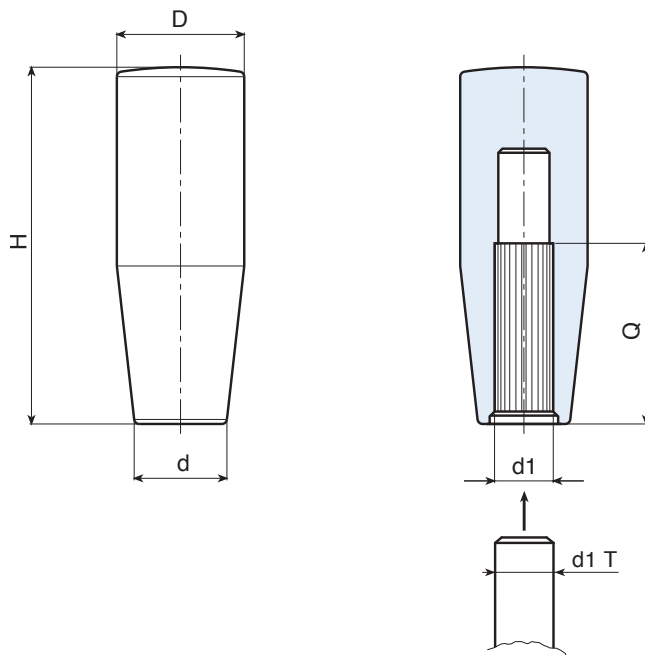
Blind smooth bore, with deformable fixing ribs, obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart [page 807].



art.	D	H	d	d1 T	d1	Q	g
M14650.TG0801	50	20	15	+0 -0,058	8	38	14
M14650.TG1001	50	20	15	+0 -0,058	10	38	12
M14660.TG0801	60	23	17	+0 -0,058	8	50	24
M14660.TG1001	60	23	17	+0 -0,058	10	50	20
M14660.TG1201	60	23	17	+0 -0,070	12	50	20
M14670.TG0801	70	25	19	+0 -0,058	8	50	32
M14670.TG1001	70	25	19	+0 -0,058	10	54	30
M14670.TG1201	70	25	19	+0 -0,070	12	54	28
M14680.TG1001	80	26	21	+0 -0,058	10	54	40
M14680.TG1201	80	26	21	+0 -0,070	12	54	38
M14680.TG1401	80	26	21	+0 -0,070	14	50	34
M14690.TG1201	91	27	22.5	+0 -0,070	12	54	46
M14690.TG1401	91	27	22.5	+0 -0,070	14	71	42

M246



“EUROMODEL” HANDLE WITH PUSH-FIT HOLE

Materials:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central Cap:

Grey polyamide (RAL 7035 code 13).

Alternative Cap colours:

Orange (RAL 2004 cod. 02).
Blue (RAL 5015 cod. 07).
Yellow (RAL 1021 cod. 10).
Red (RAL 3000 cod. 16).
Green (RAL 6024 cod. 17).
Black (RAL 9011 cod. 01).

Hole:

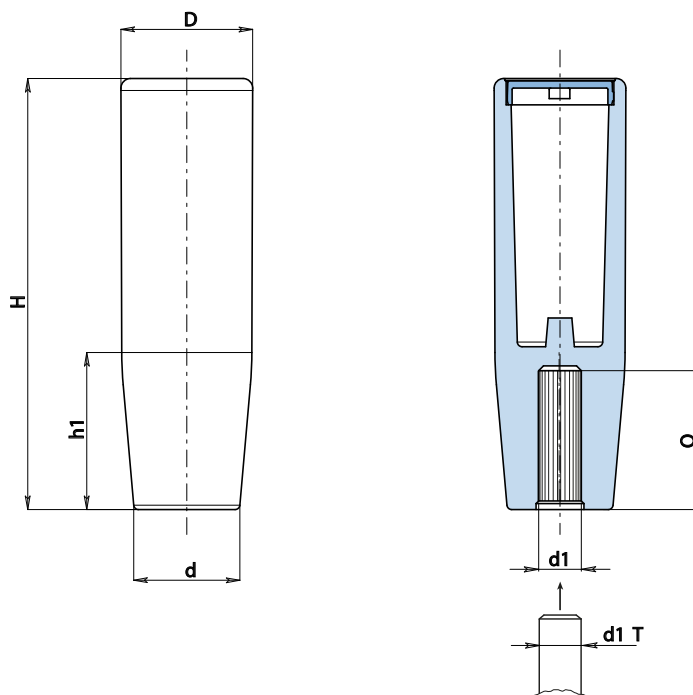
Blind smooth bore, with deformable fixing ribs, obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page 807].



	art.	H	D	d	h1	d1 - T	d1	Q	📦
●	M24690.TG080113	89.5	27	22	32	+0 -0,058	8	28	40
●	M24690.TG100113	89.5	27	22	32	+0 -0,058	10	28	39
●	M24690.TG120113	89.5	27	22	32	+0 -0,070	12	28	38
●	M24690.TG140113	89.5	27	22	32	+0 -0,070	14	28	37

M511

KNURLED HANDLE WITH PUSH-FIT HOLE



Materials:

Blend of polypropylene and thermoplastic rubber TPV.

Surface finish:

Smooth.

Colour:

Black (RAL 9011).

Hole:

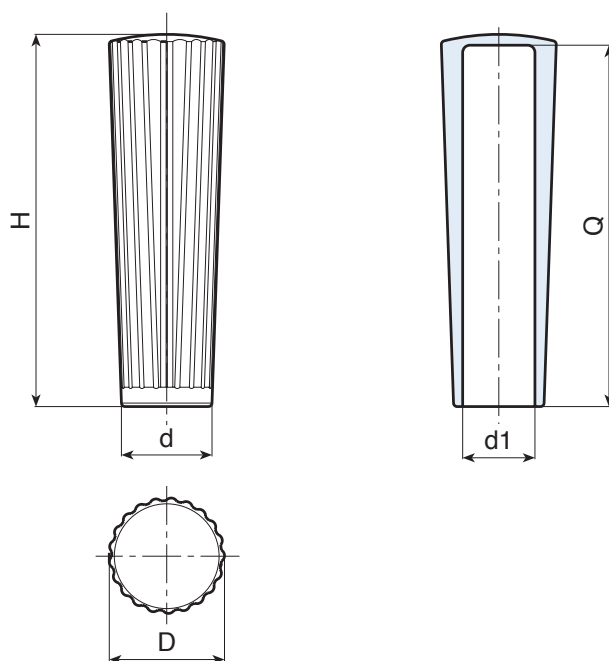
Blind smooth bore obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- None.



	art.	H	D	d	d1	Q	g
●	M511105.EG2001	104	32	25	20	100	32



M720

RECTANGULAR HANDLE WITH PUSH-FIT HOLE



Materials:

Blend of polypropylene and thermoplastic rubber TPV.

Surface finish:

Smooth.

Colour:

Black (RAL 9011).

Hole:

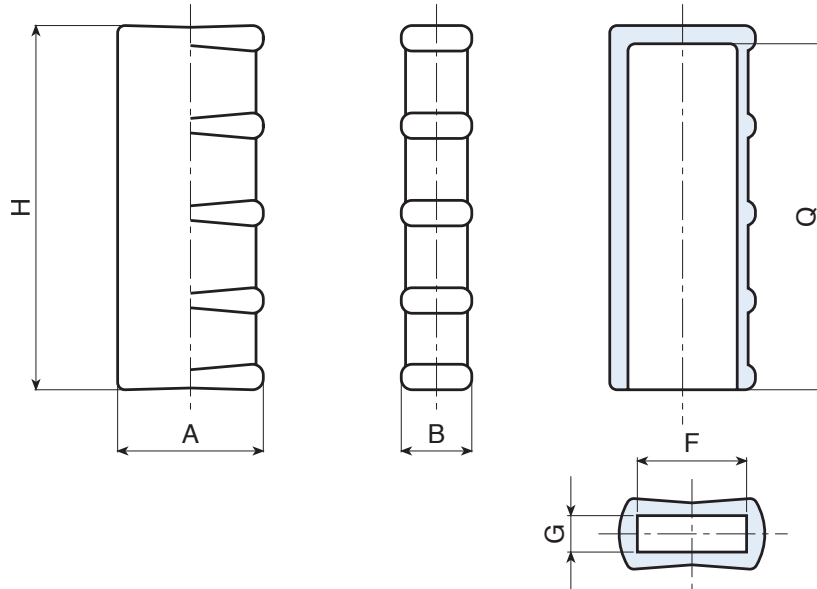
Rectangular blind smooth bore obtained by moulding the plastic.

Fixing method:

Push-fit.

Special Requests:

- None.



🛒	art.	H	A	B	G ± 0.2	F ± 0.2	Q	📦
●	M720079.TG05X2001	79	32	17	5	20	76	29
●	M720079.TG06X2001	79	32	17	6	20	76	27
●	M720079.TG08X2001	79	32	17	8	20	76	24
●	M720079.TG08X2501	79	32	17	8	25	76	23
●	M720079.TG10X2001	77	32	17	10	20	76	22
●	M720100.TG05X2001	101	40	20	05	20	96	51
●	M720100.TG06X3001	101	40	20	06	30	96	48
●	M720100.TG08X2501	101	40	20	08	25	96	46
●	M720100.TG10X2801	101	40	20	10	28	96	43
●	M720100.TG10X3001	101	40	20	10	30	96	42

M137

HANDLE WITH LEVER ARM



Materials:

Reinforced polyamide. Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Insert:

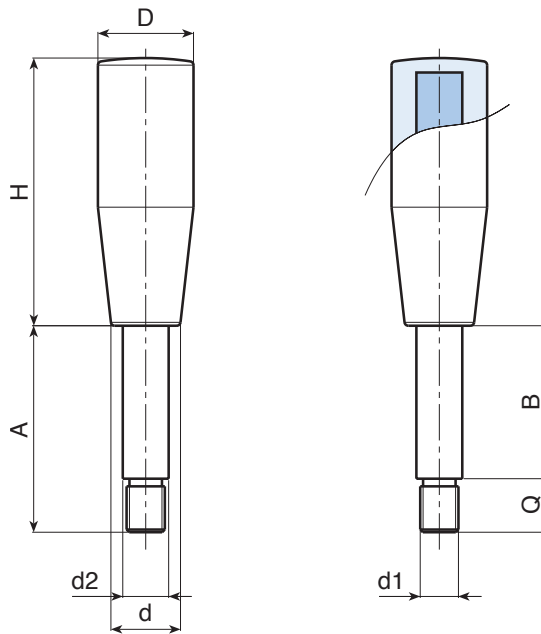
Galvanised steel partially threaded stud (thread tolerance 6g).

Fixing method:

Push fit after moulding (high temperature), not removable.

Special Requests:

- Upon request and for special quantities inserts can be supplied with dimensions according to customer's drawing.
- Upon request and for special quantities inserts can be supplied in different materials/with different coatings.
- Upon request and for special quantities available in the colours indicated in the chart [page 807].



art.	H	D	d	B	d2	A	d1 _{6g}	Q	📦
● M13750.TI10X2501	50	20	15	15	10	25	M8	10	34
● M13750.TI10X3001	50	20	15	21	10	30	M8	9	36
● M13750.TI10X4001	50	20	15	30	10	40	M8	10	40
● M13750.TI10X5501Z1	50	20	15	45	10	55	M8	10	46
● M13750.TI10X8001	50	20	15	70	10	80	M8	10	61
● M13760.TI12X5801	60	23	18	44	12	58	M10	14	71
● M13760.TI12X6501	60	23	18	50	12	65	M10	15	77
● M13760.TI12X9501	60	23	18	80	12	95	M10	15	104
● M13770.TI14X6501	70	25	19	50	14	65	M12	15	106
● M13770.TI14X10501	70	25	19	90	14	105	M12	15	154
● M13780.TI14X6501	80	26	20	50	14	65	M12	15	112
● M13780.TI14X10501	80	26	20	90	14	105	M12	15	164
● M13790.TI16X6701	90	27	22	50	16	67	M14	17	115
● M13790.TI16X9701	90	27	22	80	16	97	M14	17	193
● M13790.TI16X11701	90	27	22	100	16	117	M14	17	224