

E231



CRANK HANDLE WITH HEXAGONAL HOLE AND REVOLVING HANDLE

M145

General features:

All unspecified features are identical to basic item E230.

Inserts:

Bush with hexagonal through hole in black oxide treated steel (hole tolerance H10).

Lateral handle:

Revolving handle art. M145 [page 509].



05

Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	d1H10	Q	dl	L1	g
E231065.0001	E231065.TE0601P	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	6	20	20	56	111
E231065.0002	E231065.TE0801P	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	8	20	20	56	108
E231080.0002	E231080.TE1001P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	10	24	20	56	130
E231080.0001	E231080.TE1201P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	12	24	20	56	128
E231110.0001	E231110.TE1201P	140	110	39	35	29	22	14	24	12	11	19,5	11	12	28	23,5	68	177
E231110.0002	E231110.TE1401P	140	110	39	35	29	22	14	24	12	11	19,5	11	14	28	23,5	68	173
E231140.0001	E231140.TE1401P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	14	30	25	77	267
E231140.0002	E231140.TE1601P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	16	30	25	77	262
E231185.0001	E231185.TE1601P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	19	16	34	26	86	400
E231185.0002	E231185.TE1701P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	19	17	34	26	86	398

E232



CRANK HANDLE WITH HEXAGONAL HOLE AND REVOLVING HANDLE

M129

General features:

All unspecified features are identical to basic item E230.

Inserts:

Bush with hexagonal through hole in black oxide treated steel (hole tolerance H10).

Lateral handle:

Revolving handle art. M129 [page 505].



Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	d1H10	Q	dl	L1	g
E232065.0001	E232065.TE0601P	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	6	20	20	52	101
E232065.0002	E232065.TE0801P	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	8	20	20	52	98
E232080.0001	E232080.TE1001P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	10	24	20	52	120
E232080.0002	E232080.TE1201P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	12	24	20	52	118
E232110.0001	E232110.TE1201P	140	110	39	35	29	22	14	24	12	11	19,5	11	12	28	23,5	63	167
E232110.0002	E232110.TE1401P	140	110	39	35	29	22	14	24	12	11	19,5	11	14	28	23,5	63	163
E232140.0001	E232140.TE1401P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	14	30	25	72	257
E232140.0002	E232140.TE1601P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	16	30	25	72	252
E232185.0001	E232185.TE1601P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	16	34	26	82	390
E232185.0002	E232185.TE1701P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	17	34	26	82	390

E230

CRANK HANDLE WITH HEXAGONAL HOLE AND REVOLVING HANDLE



Material:

Reinforced polyamide.
Resistant to oils and greases.

Surface finish:

Satin.

Colour:

Black (RAL 9011).

Central cap:

Grey polyamide (RAL 7035). 13).

Alternative Cap colours:

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

Inserts:

Bush with hexagonal through hole in black oxide treated steel (hole tolerance H10).

Lateral insert:

Brass insert with threaded through hole.

Lateral handle:

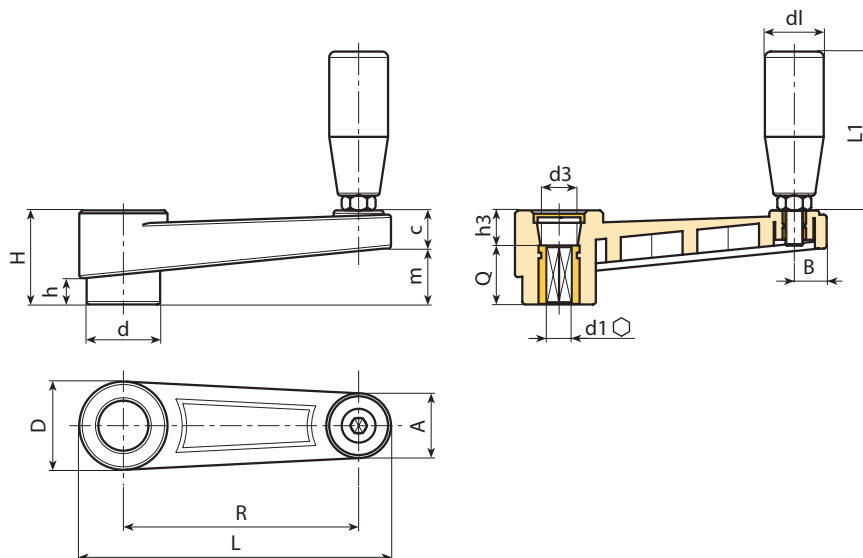
E230: Revolving handle art. M144 page (504).

E231: Revolving handle art. M145 page (509).

E232: Revolving handle art. M129 page (505).

Special requests:

- 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 959].



Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	d1 _{H10}	Q	dl	L1	g
E230065.0002	E230065.TE0601P	88,5	65	30	27,5	22	17	13	20	9,5	8	14,5	10	6	20	19	54	96
E230065.0001	E230065.TE0801P	88,5	65	30	27,5	22	17	13	20	9,5	8	14,5	10	8	20	19	54	93
E230080.0001	E230080.TE1001P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	10	24	19	54	105
E230080.0002	E230080.TE1201P	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	12	24	19	54	103
E230110.0001	E230110.TE1201P	140	110	39	35	29	22	14	24	12	11	19,5	11	12	28	21	66	152
E230110.0002	E230110.TE1401P	140	110	39	35	29	22	14	24	12	11	19,5	11	14	28	21	66	149
E230140.0001	E230140.TE1401P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	14	30	23,5	76	242
E230140.0002	E230140.TE1601P	175	140	49	44	35,5	32	17	27	13	15,5	24	19	16	30	23,5	76	238
E230185.0001	E230185.TE1601P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	19	16	34	25,5	87	385
E230185.0002	E230185.TE1701P	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	19	17	34	25,5	87	385