

# E216



## CRANK HANDLE WITH SMOOTH BORE INSERT 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).

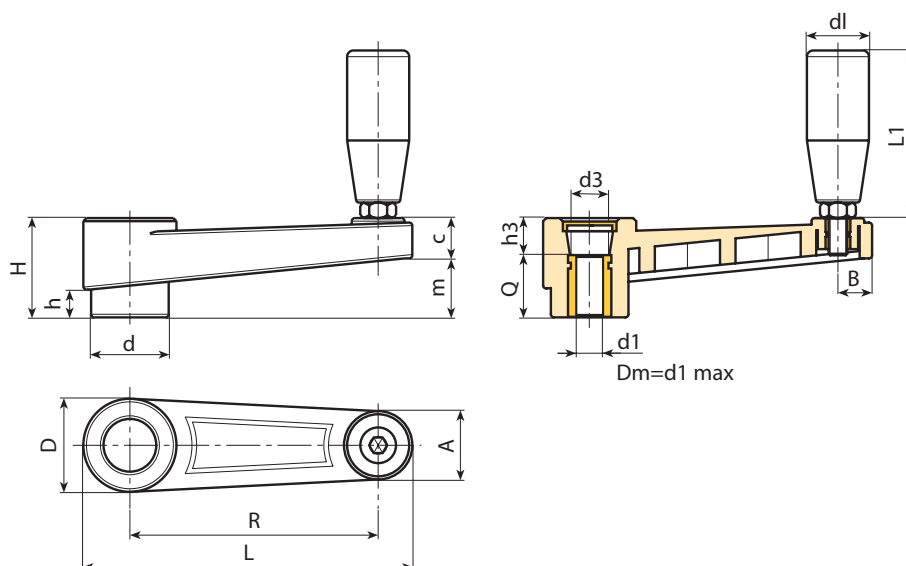
**Inserts:**  
Galvanised steel insert with smooth through bore (tolerance H10).

**Lateral insert:**  
Brass insert with threaded through hole.

**Lateral handle:**  
E216: Revolving handle art. M144 page (.).  
E221: Revolving handle art. M145 page (.).  
E222: Revolving handle art. M129 page (.).

### Special requests:

- Upon request and for special quantities inserts can be supplied with custom hole diameter d1.
- 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].



Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	dm	d1 <sub>H10</sub>	Q	d1	L1	g
-	E216065.TP0501	88,5	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	5	20	19	54	96
-	E216065.TD1001	88,5	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	10	20	19	54	92
-	E216065.TD1201	88,5	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	12	20	19	54	89
-	E216080.TP0501	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	5	24	19	54	110
-	E216080.TD1001	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	10	24	19	54	105
-	E216080.TD1201	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	12	24	19	54	102
-	E216110.TD0801	140	110	39	35	29	25	14	24	12	11	19,5	11	14	8	28	21	66	160
-	E216110.TD1001	140	110	39	35	29	25	14	24	12	11	19,5	11	14	10	28	21	66	152
-	E216110.TD1201	140	110	39	35	29	25	14	24	12	11	19,5	11	14	12	28	21	66	148
-	E216140.TD0801	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	8	30	23,5	76,5	250
-	E216140.TD1201	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	12	30	23,5	76,5	242
-	E216140.TD1401	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	14	30	23,5	76,5	238
-	E216140.TD1601	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	16	30	23,5	76,5	232
-	E216185.TD0801	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	8	34	25,5	87	430
-	E216185.TD1201	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	12	34	25,5	87	400

Attention: For a minimum of 50 pieces the diameter d1 can be customised (hole tolerance H10 galvanised and H7 black-oxide treated).  
Dm = Maximum obtainable diameter for subsequent machining (widening).

# E221



## CRANK HANDLE WITH SMOOTH BORE INSERT AND REVOLVING HANDLE M145

### General features:

All unspecified features are identical to basic item E216.

### Inserts:

Galvanised steel insert with smooth through bore (tolerance H10).

### Lateral handle:

Revolving handle art. M145 [page].



Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	dm	d1H10	Q	dl	L1	
-	E221065.TP0501	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	5	20	20	56	101
-	E221065.TD1001	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	10	20	20	56	107
-	E221065.TD1201	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	12	20	20	56	104
-	E221080.TP0501	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	5	24	20	56	125
-	E221080.TD1001	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	10	24	20	56	130
-	E221080.TD1201	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	12	24	20	56	127
-	E221110.TD0801	140	110	39	35	29	25	14	24	12	11	19,5	11	14	8	28	23,5	68	175
-	E221110.TD1001	140	110	39	35	29	25	14	24	12	11	19,5	11	14	10	28	23,5	68	172
-	E221110.TD1201	140	110	39	35	29	25	14	24	12	11	19,5	11	14	12	28	23,5	68	169
-	E221140.TD0801	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	8	30	25	77	263
-	E221140.TD1201	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	12	30	25	77	257
-	E221140.TD1401	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	14	30	25	77	253
-	E221140.TD1601	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	16	30	25	77	249
-	E221185.TD0801	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	8	34	26	86	440
-	E221185.TD1201	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	12	34	26	86	433

Attention: For a minimum of 50 pieces the diameter d1 can be customised (hole tolerance H10 galvanised and H7 black-oxide treated).

Dm = Maximum obtainable diameter for subsequent machining (widening).

# E222



## CRANK HANDLE WITH SMOOTH BORE INSERT AND REVOLVING HANDLE M129

### General features:

All unspecified features are identical to basic item E216.

### Inserts:

Galvanised steel insert with smooth through bore (tolerance H10).

### Lateral handle:

Revolving handle art. M129 [page].



Code	Art.	L	R	H	D	d	m	c	A	B	h	d3	h3	dm	d1H10	Q	dl	L1	
-	E222065.TP0501	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	5	20	20	52	111
-	E222065.TD1001	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	10	20	20	52	117
-	E222065.TD1201	89	65	30	27,5	22	17	13	20	9,5	8	14,5	10	12	12	20	20	52	114
-	E222080.TP0501	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	5	24	20	52	135
-	E222080.TD1001	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	10	24	20	52	140
-	E222080.TD1201	107	80	33,5	32	26	20,5	13	23	11	9	19,5	9,5	14	12	24	20	52	136
-	E222110.TD0801	140	110	39	35	29	25	14	24	12	11	19,5	11	14	8	28	23,5	63	182
-	E222110.TD1001	140	110	39	35	29	25	14	24	12	11	19,5	11	14	10	28	23,5	63	179
-	E222110.TD1201	140	110	39	35	29	25	14	24	12	11	19,5	11	14	12	28	23,5	63	175
-	E222140.TD0801	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	8	30	25	72	271
-	E222140.TD1201	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	12	30	25	72	265
-	E222140.TD1401	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	14	30	25	72	261
-	E222140.TD1601	175	140	49	44	35,5	32	17	27	13	15,5	24	19	20	16	30	25	72	255
-	E222185.TD0801	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	08	34	26	82	450
-	E222185.TD1201	223	185	55	47,5	40	38,5	16,5	27	14	17	29,5	21	22	12	34	26	82	442

Attention: For a minimum of 50 pieces the diameter d1 can be customised (hole tolerance H10 galvanised and H7 black-oxide treated).

Dm = Maximum obtainable diameter for subsequent machining (widening).