PA | +130° -30° | PP | +100° -20°

STANDARD EXECUTIONS

- **M.443-CH:** glass-fibre reinforced polyamide based (PA) technopolymer, black, orange, grey, red and green colours, matte finish.

Pass-through holes for cylindrical-head screws with hexagon socket.

- **M.443-N-CH:** glass-fibre reinforced polypropylene based (PP) technopolymer, black colour.

Pass-through holes for cylindrical-head screws with hexagon socket.

- **M.443-SH:** glass-fibre reinforced polyamide based (PA) technopolymer, black colour.

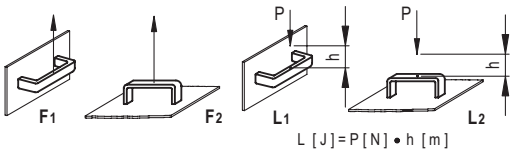
Pass-through holes for countersunk head screws.

- **M.443-EH:** glass-fibre reinforced polyamide based (PA) technopolymer, black colour.

Pass-through holes for cylindrical-head screws with hexagon socket, hexagonal-head screws or standard lock nuts.

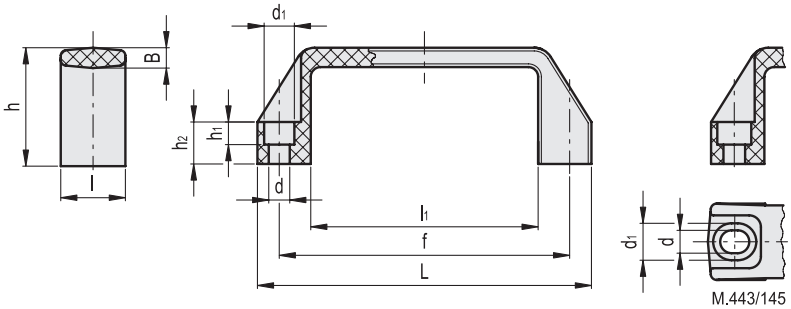
TECHNICAL DATA

Tensile stress and impact strength: F1, F2, L1 and L2 values reported in the table are the result of breaking tests carried out with the appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature.





ELESA Original design



M.443/145
M.443/180

* Complete with colour index, example: {M.443/110-CH-C9}

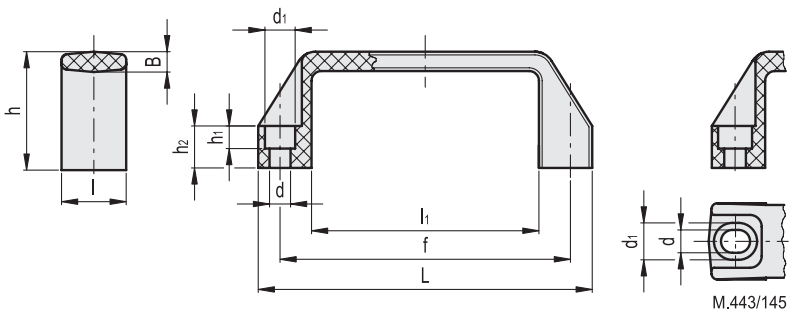
C9	C2	C6	C17	C31
RAL9005	RAL2004	RAL3000	RAL6017	RAL7031

M.443-CH

Code {C9}	Code {C2}	Code {C6}	Code {C17}	Code {C31}	Description	L	B	l	f	d	d_1	h	h_1	h_2	l_1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
37001	37002	37005	37006	37004	M.443/110-CH-*	109	5.5	21	93.5±0.5	6.5	10.5	38	7	13	74	2250	2400	15	8	26
37111	37112	37115	37116	37114	M.443/140-6-CH-*	137	7	26	117±1	6.5	10.5	41	7	15	93	3800	2500	20	13	47
37101	37102	37105	37106	37104	M.443/140-8-CH-*	137	7	26	117±1	8.5	13.5	41	8.5	15	93	3800	2500	20	13	43
37145	37142	37149	37147	37148	M.443/145-CH-*	142	7	26	120÷122±1	8.5	13.5	41	8.5	15	100	3700	2500	25	14	45
37151	37152	37155	37156	37154	M.443/150-CH-*	150	7	27	132±1	8.5	13.5	45	8.5	16	108	3500	2500	27	14	48
37183	37184	37188	37182	37185	M.443/170-CH-*	160	7	27	140±1	8.5	13.5	46	8.5	16	113	3400	2600	27	20	55
37191	37192	37190	37194	37193	M.443/180-CH-*	172	7	27	149÷152±1	8.5	13.5	47	8.5	17	125	2900	2700	27	20	59
37241	37242	37248	37245	37244	M.443/190-CH-*	179	7	28	160±1	8.5	13.5	50	8.5	17	132	3300	2700	29	20	63
37201	37202	37205	37206	37204	M.443/200-CH-*	196	7.5	28	179±1	8.5	13.5	50	8.5	17	151	3100	2700	33	20	71
37251	37252	37256	37255	37254	M.443/260-CH-*	260	8.5	30	235±1	10.5	16.5	54	10.5	20	201	3200	3500	40	34	117

elesa 9/2026

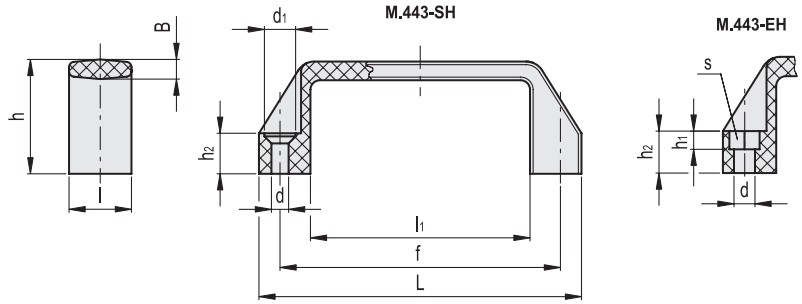
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M.443/145
M.443/180

M.443-N-CH

Code	Description	L	B	l	f	d	d_1	h	h_1	h_2	l_1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
37031	M.443/110 N-CH	109	5.5	21	93.5±0.5	6.5	10.5	38	7	13	74	1700	1300	8	3	21
37132	M.443/140 6-N-CH	137	7	26	117±1	6.5	10.5	41	7	15	93	2000	1500	10	4	36
37131	M.443/140 8-N-CH	137	7	26	117±1	8.5	13.5	41	8.5	15	93	2000	1500	10	4	36
37143	M.443/145-6-N-CH	142	7	26	120÷122±1	6.5	10.5	41	8.5	15	100	1600	1500	12	5	38
37144	M.443/145 N-CH	142	7	26	120÷122±1	8.5	13.5	41	8.5	15	100	1600	1500	12	5	36
37181	M.443/150 N-CH	150	7	27	132±1	8.5	13.5	45	8.5	16	108	2000	1300	12	5	40
37186	M.443/170 N-CH	160	7	27	140±1	8.5	13.5	46	8.5	16	113	1800	1300	13	6	45
37196	M.443/180 N-CH	172	7	27	149÷152±1	8.5	13.5	47	8.5	17	125	1800	1300	14	7	48
37246	M.443/190 N-CH	179	7	28	160±1	8.5	13.5	50	8.5	17	132	1800	1300	15	7	52
37231	M.443/200 N-CH	196	7.5	28	179±1	8.5	13.5	50	8.5	17	151	1800	1300	16	8	57
37281	M.443/260 N-CH	260	8.5	30	235±1	10.5	16.5	54	10.5	20	201	1700	1700	17	11	99



M.443-SH

Code	Description	L	B	l	f	d	d_1	h	h_2	l_1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
37036	M.443/110-SH	109	5.5	21	93.5±0.5	5.5	10	38	13	74	2250	2400	15	8	26
37136	M.443/140-SH	137	7	26	117±1	6.5	12	41	15	93	3800	2500	20	13	45
37146	M.443/145-SH	142	7	26	122±1	6.5	12	41	15	100	3700	2500	25	14	47
37187	M.443/170-SH	160	7	27	140±1	6.5	12	46	16	113	3400	2600	27	20	58
37199	M.443/180-SH	172	7	27	150±1	6.5	12	47	17	125	2900	2700	27	20	61
37247	M.443/190-SH	179	7	28	160±1	6.5	12	50	17	132	3300	2700	29	20	65
37236	M.443/200-SH	196	7.5	28	179±1	6.5	12	50	17	151	3100	2700	33	20	74

M.443-EH

Code	Description	L	B	l	f	d	h	h_1	h_2	l_1	s	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
37037	M.443/110-EH-5	109	5.5	21	93.5±0.5	5.5	38	6	13	74	8	2250	2400	15	8	26
37137	M.443/140-EH-6	137	7	26	117±1	6.5	41	6	15	93	10	3800	2500	20	13	45
37141	M.443/145-EH-6	142	7	26	122±1	6.5	41	6.5	15	100	10	3700	2500	25	14	45
37189	M.443/170-EH-6	160	7	27	140±1	6.5	46	6.5	16	113	10	3400	2600	27	20	56
37198	M.443/180-EH-6	172	7	27	150±1	6.5	47	6.5	17	125	10	2900	2700	27	20	61
37249	M.443/190-EH-6	179	7	28	160±1	6.5	50	6.5	17	132	10	3300	2700	29	20	64
37138	M.443/140-EH-8	137	7	26	117±1	8.5	41	8.5	15	93	13	3100	2700	33	20	42

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