

BCH

PLASTIC CRANK HANDLES



Original ELESA Model MT



BCH-S

(With Revolving Handle & Square Hole)



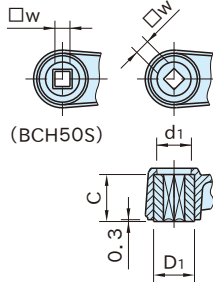
BCH-R

(With Revolving Handle & Reamed Hole)

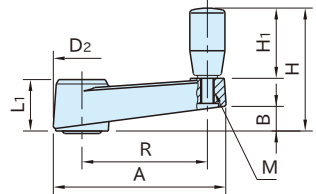


BCH-F

(With Revolving Fold-Away Handle & Reamed Hole)

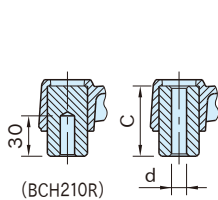


(BCH50S)

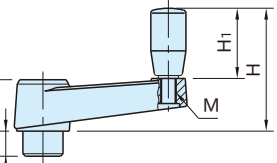


BCH-S

(With Revolving Handle & Square Hole)

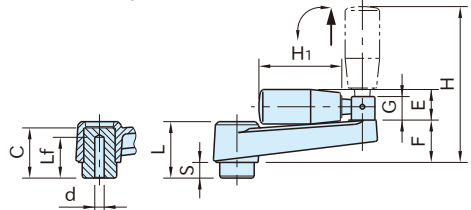


(BCH210R)



BCH-R

(With Revolving Handle & Reamed Hole)



BCH-F

(With Revolving Fold-Away Handle & Reamed Hole)



Crank	Hub	Handle	Hub Cap(BCH-R & BCH-F only)
Glass-fiber reinforced polyamide plastic Black Matte	Steel (SUM22L) (BCH50S:Brass) Black oxide finish	Polyamide Black matte	Aluminum (A1080P) Silver matte

Type / Size	A	D ₂	L ₁	d ₁	R	B	
BCH-S	50	69	23	21	13	10	
	64	86	27	23	16		
BCH-R	80	105	30	26	17	13	
BCH-F	100	128	34	30	21	15	
	130	162	40	35	25	20	
	160	198	45	40	27	160	23
	210	252	50	45	31	212	26

BCH-S (With **RGPA** Revolving Handle & Square Hole)

Part Number	H	D ₁	C	H ₁	M	w (H9)	Weight (g)
BCH 50S	49	-	18	28	-	6	35
BCH 64S	63	18	19	40	M 6×1	8	78
BCH 80S	76	20	22	50		10	105
BCH100S	96	25	27	65	M 8×1.25	12	190
BCH130S	115	28	30	80		14	255
BCH160S	130	30	34	90	M10×1.5	17	335

※The **BCH50S** handle has a square hole orientated differently from the other sizes.

BCH-R (With **RGPA** Revolving Handle & Reamed Hole)

Part Number	H	D ₁	L	C	S	H ₁	M	※d	Weight (g)
BCH 50R	49	16	31	28	10	28	-	6	65
BCH 64R	63	18	33	29		40	M 6×1	8	95
BCH 80R	76	22	36	32		50		10	130
BCH100R	96	24	40	37		65	M 8×1.25	12	225
BCH130R	115	28	49	44	14	80	M10×1.5	14	310
BCH160R	130	34	55	49	15	90		16	435
BCH210R	136	40	60	53		12		705	

※The **BCH210R** handle has a blind hole finished to H9 tolerance, and the other sizes have a through hole finished to H7 tolerance.

BCH-F (With Revolving Fold-Away Handle & Reamed Hole)

Part Number	H	D ₁	L	C	S	H ₁	d (H9)	Lf	E	F	G	Weight (g)
BCH 80F	(100)	22	36	32	10	56	6	26	19	27	15	177
BCH100F	(117)	24	40	37		65	8	28	22	31	20	285
BCH130F	(122)	28	49	44	14	80	10	30		35		385
BCH160F	(142)	34	55	49	15				90	12	24	40
BCH210F	(160)	40	60	53					27	46	23	840

Features

- Ribbed structure for heavy-duty applications.
- A hub cap (adhesive seal) comes with **BCH-R** and **BCH-F** handles.

Notes

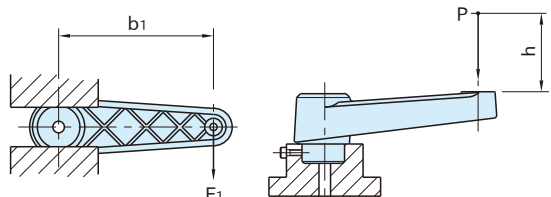
- Use in hot or highly humid circumstances can deteriorate the plastic material properties.
- The handle of **BCH50** handle can not be removed.

Technical Information

Working temperature : Between 0°C and 90°C

Strength Data

Turning Radius R	Max. Torque T ₁ (N·m)	Impact Strength S ₁ (J)
50	60	7
64	120	11
80	180	15
100	200	27
130	350	45
160	450	55
212	950	80



$$T_1 [N \cdot m] = F_1 [N] \times b_1 [m]$$

$$S_1 [J] = P [N] \times h [m]$$

※P=6.7N硬球