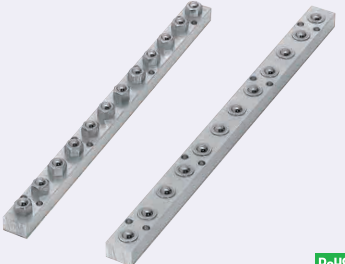


Ball Roller Units (For upward facing)

Ball Rollers (For upward facing)

Milled Steel / Steel Press Formed



Type	Ball Roller		Material				Frame
	Shape	Part Number (P1045)	Bearing	Spacer	Main Ball	Sub Ball	
BUHL	Hex Head Stud	BCHL16	SUS304	SUS304	SUS440C(HRC55~)	SUS440C(HRC55~)	A6063 (Clear Anodize)
BUHA	Press Fit	BCHA24					

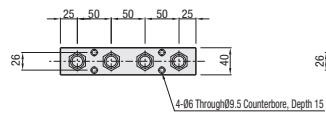
For details on Ball Rollers, see P.1179.

Hex Head Stud

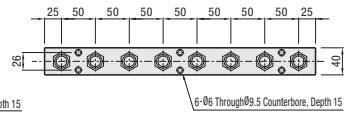
BUHL

(Stainless Steel Ball)

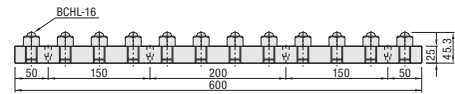
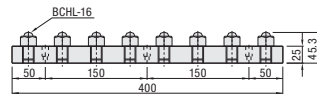
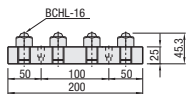
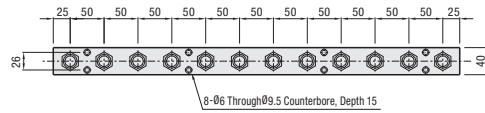
Overall Length 200



Overall Length 400



Overall Length 600

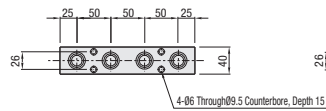


Press Fit

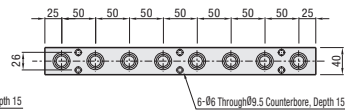
BUHA

(Stainless Steel Ball)

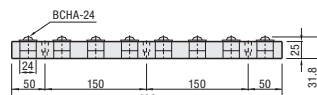
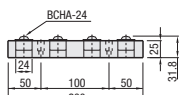
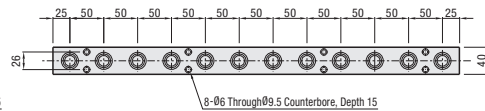
Overall Length 200



Overall Length 400



Overall Length 600



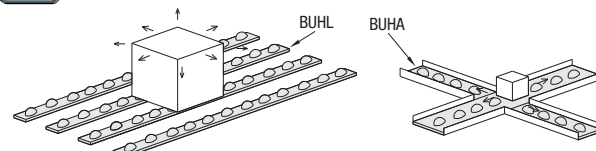
Part Number Type	Overall Length	Number of Rollers	Unit Price	
			BUHL	BUHA
Hex Head Stud BUHL (Stainless Steel Ball)	200	4		
Press Fit BUHA (Stainless Steel Ball)	400	8		
	600	12		

Allowable Load per Ball Roller

Type	Allowable Load N (kgf)
BUHL BUHA	343 (35)

Ordering Example Part Number BUHL200

Example * Ball Roller Units can allow 360 degree transfer of objects as shown below.



Milled Threaded Stud Type

BCHG

BCHT

BCHO

Type	Material			
	① Main Ball	② Cover	③ Bearing	④ Sub Ball
BCHG	SUJ2	SS400 Equivalent	SCM415	SUJ2
BCHO		SPCD		SCM415
BCHT				SCM435

Part Number Type	No.	D	D1	d	h1	h2	F1	Allowable Load N (kgf)	Unit Price
BCHO	32	32	-	19.05	26	20	4	490.3(50)	
BCHT	42	42	31.3	25.40	42	21	7.4	784.5(80)	

Built-in Spring Type

BCHW (Built-in Spring Type)

BCHY (Flange Mounting Type)

Recommended Hole Tolerance
 BCHW20: Ø20.5 ~ Ø20.6
 BCHW26: Ø26 ~ Ø26.1

Type	Material			
	① Main Ball	② Bearing	③ Frame	④ Spring
BCHW	SUJ2	SPCD	SPCE	SWP-A
BCHY	SWRM12			

Part Number Type	No.	D	D1	D2	d	H	h	h1	P	Spring Ball Movement	Allowable Load N (kgf)	Unit Price
	26	25.8	17.5	-	15.875	23.6	17.5	3.7	-	2	78(8kg)	
BCHY	69	69	42	29.5	25.40	31	17	7.5	56	-	294(30kg)	

Press Formed Screw Mounted Threaded Stud Type

BCHC

BCHH

BCHE

Type	Material			
	① Main Ball	② Cover	③ Bearing	④ Threaded Section
BCHC	SWRM12	SPCD	SUS304	-
BCHE			SPCC Equivalent	SS400 Equivalent
BCHH				

Part Number Type	No.	D	D1	d	G	B	h1	h2	F1	F2	Allowable Load N (kgf)	Unit Price
BCHE	55	55.5	32.5	25.40	45.5	36	14.6	15.2	7.3	4	294.2(30)	
BCHH	50	50	32	25.40	-	44	35	20	7.3	26	294.2(30)	

Ordering Example Part Number BCHW 20