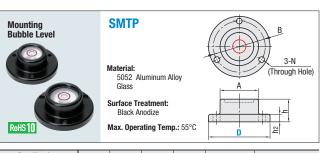
# **Bubble Levels / Grease Nipples / Hardened Precision Balls**



Embedded Bubble Level	SMH			
RoHS10	Glass Surface T Black	esin Plastic Freatment: Anodize Frating Temp.: 9	55°C	
Part Number	_	h	h.	Sensitivity

Part Number			В	h	h	Mounting	Consisinis
Type	D	А	В	B h h <sub>2</sub>		Hole (N)	Sensitivity
SMTP	28	16	22	10.5	3.5	2	38'12" (R-180)
	32	20	27	12.0	4.0	3	38'12" (R-180)

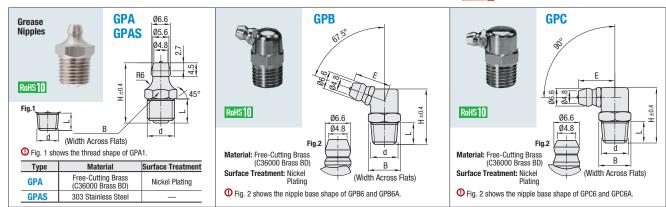
h Mount	Mounting	Consitivity	Part Nu	ımber	Δ.	h	h	Sensitivity	
	Π2	Hole (N)		Type	D	A	-	112	Sensitivity
5	3.5	2	38'12" (R-180)	SMH	20	16.5	11	9.5	38'12" (R-180)
)	4.0	3	38'12" (B-180)	•					33 12 (11 133)

- This bubble level is for mounting on a surface that has already been checked to ensure it is level, and it provides a simple level check. Fit it so that the bubble is stationary within the red circle. (A shim or adjustment mechanism may be required depending on the surface accuracy.)
- Sensitivity: If the bubble shifts 2 mm from the center, the mounting surface is inclined at 38'12" (approximately 0.6 degrees). R-180 is the radius









Part Number		4			-	В
Туре	No.	ď	Н	L	<u> </u>	В
	6	M6 x P0.75	10.5	-		
GPA	6A	M6 x P1.0	13.5	5		
GPAS	1	R (PT) 1/8	20	9		10
	2	R (PT) 1/4	25	12		14
	6	M6 x P0.75	16.5	5	10	8
GPB	6A	M6 x P1.0				0
GPB	1	R (PT) 1/8	21.5	8	12.5	10
	2	R (PT) 1/4	25	11	14.2	14
	6	M6 x P0.75	17.5	F	10.0	0
GPC	6A	M6 x P1.0	17.5	o o	10.2	8
GPG	1	R (PT) 1/8	21.5	8	12.5	10
	2	R (PT) 1/4	25	11	14.2	14







	SD
<del></del>	
	/

SD	* Class 28 Standards (JIS	-B1501	)
	Diameter Deviation	max.	(
	Sphericity	max.	
<del></del>	Surface Roughness	max.	0.
	Diameter Size Variation of the Lot	max.	1

ım	Type Dimension		Material	Class Hardness		Standards	
7	BLIJ	Inch	52100 Bearing Steel		61–67 HRC min.	JIS B1501	
 5	BLIS	IIICII	440C Stainless Steel	28	59–66 HRC min.	In accordance with JIS-B1501	
<u> </u>	BLMJ		52100 Bearing Steel	20	61–67 HRC min.	JIS B1501	
_	BLMS	mm	440C Stainless Steel		59–66 HRC min.	In accordance with JIS-B1501	

### Inch Standards Tyne

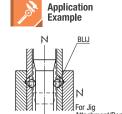
ilicii Staliualus Type								
Part N	umber	SD						
Туре	No.	(Inch)						
	8	1/8						
	10	5/32						
	12	3/16						
	14	7/32						
	15	15/64						
BLIJ	16	1/4						
BLIS	17	17/64						
	18	9/32						
	20	5/16						
	22	11/32						
	24	3/8						
	26	13/32						

## **Metric Standards Type**

mouro otanaarao rypo								
Part N	SD							
Туре	No.	(mm)						
	3	3						
	3.5	3.5						
DIMI	4	4						
BLMJ BLMS	4.5	4.5						
BLIVIS	5	5						
	6	6						
	8	8						

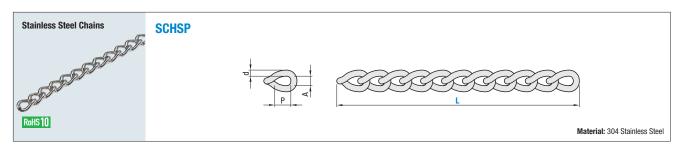






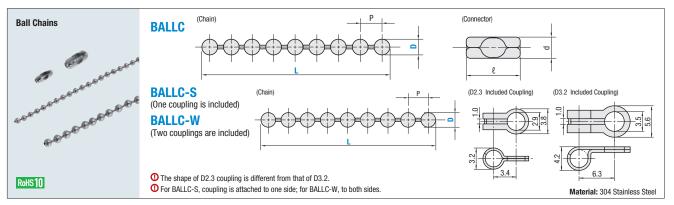
# **Stainless Steel Chains**

Stainless Steel / Ball / Link



Part Number	L 50 mm Increment	Р	A	d	Mass	Allowable Load (Ref.)
SCHSP	100–500		0.5	1.0	F7 /	0.1
	550–1000	5.5	2.5	1.6	57g/m	9 kg

① The reference applied load is only a guideline.



Part Number		L	, n	Allowable Load (Def.)	Accessories (Connector)		
Туре	D	50 mm Increment	r	Allowable Load (Ref.)	d	l	
BALLC (One connector is included)	0.0	100–500	0.0	dia.	0.0		
BALLC-S	2.3	550–1000	3.3	4kg	3.0	8	
(One coupling is included)  BALLC-W (Two couplings are included)		100–500					
	3.2	550–1000	4.4	6kg	4.3	11	

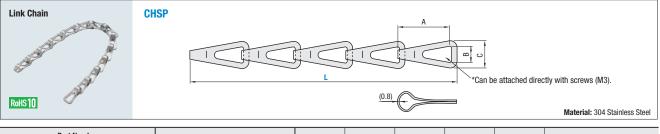
\*Depending on the number of links, the actual L dimension may be slightly longer than the specified dimension.

The reference applied load is only a guideline. O Dimensions of chains and connecting parts are for reference only.



**Part Number** 

BALLC2.3 BALLC-W3.2 - 200



Part Number		L				Plate	Mass	Reference
Туре	No.	50 mm Increment	A	В	U	Thickness	Wass	Applied Load
CHSP	4	100–500	15.5	4.0	o	0.8	60 g/m	70 ka
Unor		550-1000	10.5	4.2	0			70 kg

\*Depending on the number of links, the actual L dimension may be slightly longer than the specified dimension. (Connecting parts are not included. Please refer to http://jp.misumi-ec.com/mech/.) The reference applied load is only a guideline.



Part Number