

Rolled Ball Screws / Precision Ball Screws / Support Units

Parts Overview

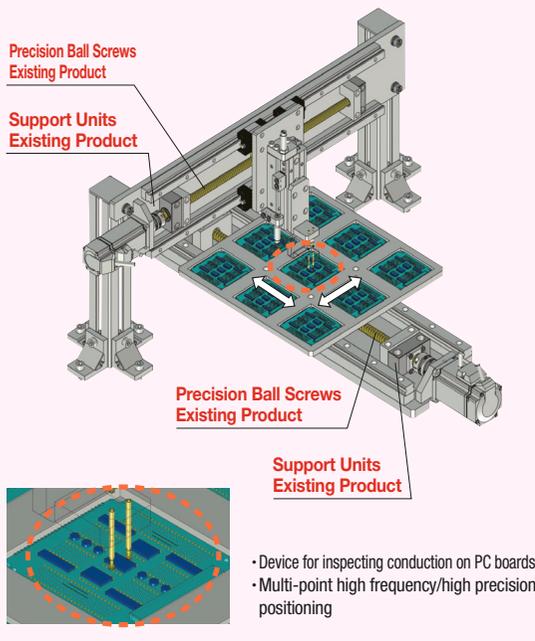
Affordable and Reliable! New Release of Ball Screw and Support Unit Parts!

- parts are new parts with superior cost performance to be used for medium precision positioning.
- For high-precision use, use existing parts and for medium-precision use, C-VALUE parts can be selected when the usage criteria is compatible in order to realize both device performance and cost savings.

Example of different uses of existing parts and C-VALUE parts

Existing Part App. Example

<PC Board Inspection Device>

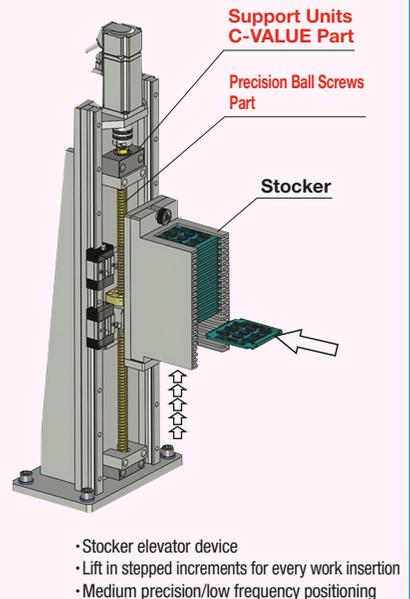


<Features of App. Example>

- High precision positioning
- Use with high frequency drive applications
- High load application

C-VALUE Part App. Example

<Elevator Device>



<Features of App. Example>

- Medium precision positioning
- Use with medium-low frequency drive applications
- Medium-low load application

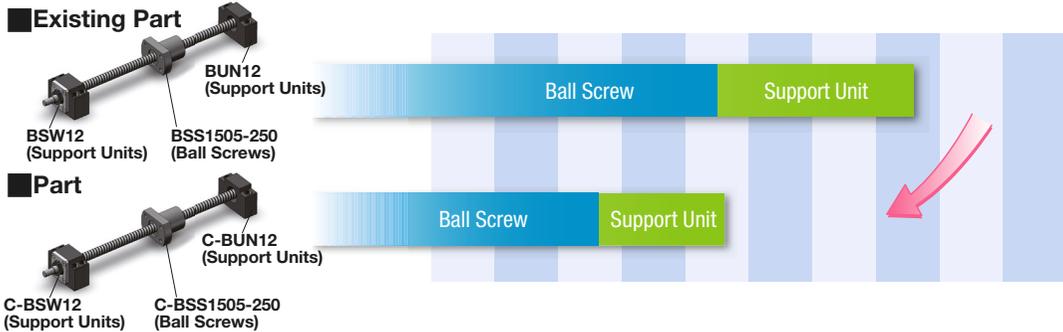
Quality

- As with existing products, all parts are inspected before shipping.
- Parts are guaranteed to meet the catalog specifications and they can be used with confidence.

Price

- C-VALUE parts are **30% reduced** compared with existing parts!

Price Comparison when Ball Screw and Support Unit are Set



Specification

- parts have redesigned specifications for medium precision positioning and medium/low frequency driving action!
- Choose C-VALUE parts and existing parts on the basis of their usage purpose.

The Difference between existing parts and Parts

Ball Screws

Accuracy Grade	Screw Shaft O.D.	Lead	Existing Product		
			Basic Load Rating		Axial Play (mm)
			C (Dynamic) kN	Co (Static) kN	
Precision C5	15	10	4.4	7.9	0.005 or Less
Rolled C10	15	20	5.8	13.3	0.10 or Less

Part		
Basic Load Rating		Axial Play (mm)
C (Dynamic) kN	Co (Static) kN	
2.3	4.1	0.015 or Less
4.1	9.3	0.10 or Less

Support Units

Bearing Part Number	Existing Product	
	Basic Dynamic Load Rating (kN)	Allowable Axial Load (kN)
7001DF	6.65	3.04

Part	
Basic Dynamic Load Rating (kN)	Allowable Axial Load (kN)
4.66	2.12

- ⊕ For selection of part ball screws, see **P.679**.
- ⊕ For selection of part support units, see **P.754**.
- ⊕ For details of specifications, refer to each product page.