

TBI Ball Screw Support Units

FEATURES

- **Fixed-Side Rectangular Type**
- **Ball Screw Outer Diameter: 10mm to 30mm**
- **Support Shaft Diameter: 6mm to 20mm**
- **Allowable Axial Load: Up to 691Kgf**
- **Allowable Static Load: Up to 710Kgf**
- **Maximum Speed: Up to 16,800RPM**
- **Applicable Screw Accuracy: C3, C5, or C7**
- **Low Profile Design**
- **Black Oxide Surface Treatment**

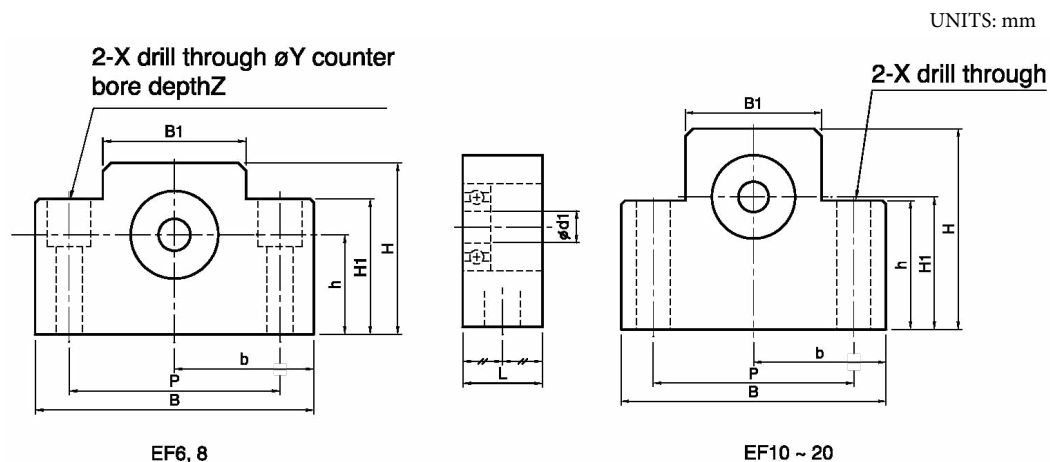


DESCRIPTION

The Rectangular-Type EF Supported-Side Support Unit Series are available to fit input shaft diameters ranging from 6mm to 20mm. These support units are compact in size and allow for easy installation. All support units come with angular contact bearings which are assembled with the correct preload and amount of lubrication. These support units have an allowable axial load up to 587Kgf, allow static load up to 762.2Kgf, and can handle speeds up to 28,000RPM (model dependent).

Item	d1	L	B	H	b ± 0.02	h ± 0.02	B1	H1	P	X	Y	Z	Allowable Axial Load (Kgf)	Allowable Static Load (Kgf)	Maximum Speed (RPM)
TBI-BSC-SU-EF8	6	14	52	32	26	17	25	26	38	7	11	12	103	126.3	28000
TBI-BSC-SU-EF10	8	20	70	43	35	25	36	24	52	9	-	-	195	239.0	16800
TBI-BSC-SU-EF12	10	20	70	43	35	25	36	24	52	9	-	-	217	275.1	15400
TBI-BSC-SU-EF15	15	20	80	49	40	30	41	25	60	9	-	-	240	315.7	13300
TBI-BSC-SU-EF20	20	26	95	58	47.5	30	56	25	75	11	-	-	587	762.2	9100

DIMENSIONS



L011177

Type EF	Ball Screw Shaft OD	Shaft Support Portion OD	E	Snap Ring Groove		
	d	A		B	F	G
TBI-BSC-SU-EF10	12, 14, 15	8	10	7.6	7	0.9
TBI-BSC-SU-EF12	14, 15, 16	10	11	9.6	8	1.15
TBI-BSC-SU-EF15	18, 20	15	13	14.3	9	1.15
TBI-BSC-SU-EF20	25, 28, 30	20	19	19	14	1.35

