

# VSB-FB090

## Bronze Bushings VSB-FB090 Series



FB090 Straight



FB090 flange

## Production process

### Base material properties

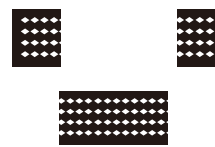
1. Easy to install and lubricate;
2. Strong bearing capacity;
3. The reprocessible type of inner hole can be customized according to the needs;
4. Good thermal conductivity;
5. Good chemical tolerance.

SETP1



incoming inspection

SETP2



cutting

SETP3



preforming

SETP4



confectioning

SETP5



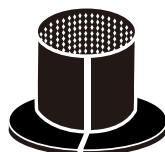
chamfering

SETP6



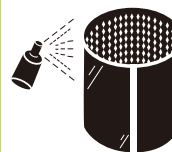
polishing

SETP7



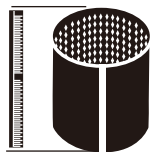
flanging

SETP8



electroplate

SETP9



measure

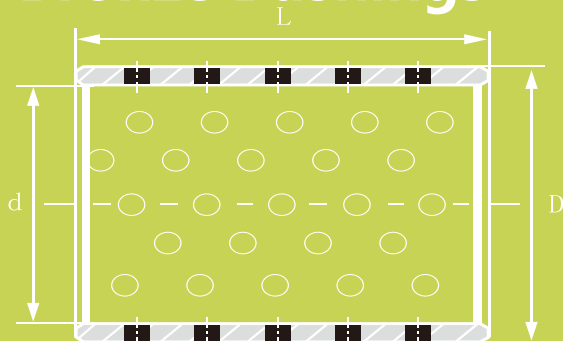
# FB090 information

Properties	Good load capacity and stability at low abrasion, with seal against humidity and external contamination. extended lubrication clearances.
Materials support material	CuSn8P (DIN 17662)
Tolerance details housing - Ø bushing-inner - Ø After Mounting shaft tolerance	H7 H9 f7 or h8
Shaft Material	Steel, hardened or untempered, surface roughness $\leq R_z 6,3$
Mounting advice housing shaft force fitting mandrel	Mounting bevel, min. 1,5 mm x 15-45° mounting bevel, 5 mm x 15°, edges rounded the application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.
Maintenance	Vsb-fb090 is a low-maintenance bronze sliding bearing, primary lubrication is necessary. Oil or grease lubrication is possible. Due to lubrication pockets lubrication clearances are reduced to a minimum.

# FB092 Model

## VSB-FB092

### Bronze Bushings



Art. Nr.	d / D x L
VSB-092 1215	12/14x15
VSB-092 1415	14/16x15
VSB-092 1420	14/16x20
VSB-092 1515	15/17x15
VSB-092 1525	15/17x25
VSB-092 1615	16/18x15
VSB-092 1620	16/18x20
VSB-092 1625	16/18x25
VSB-092 1815	18/20x15
VSB-092 1820	18/20x20
VSB-092 1825	18/20x25
VSB-092 2015	20/23x15
VSB-092 2020	20/23x20
VSB-092 2025	20/23x25
VSB-092 2030	20/23x30
VSB-092 2215	22/25x15
VSB-092 2220	22/25x20
VSB-092 2225	22/25x25
VSB-092 2230	22/25x30
VSB-092 2515	25/28x15
VSB-092 2525	25/28x25
VSB-092 2530	25/28x30
VSB-092 2815	28/32x15
VSB-092 2830	28/32x30
VSB-092 3020	30/34x20
VSB-092 3030	30/34x30
VSB-092 3040	30/34x40
VSB-092 3220	32/36x20
VSB-092 3230	32/36x30
VSB-092 3240	32/36x40
VSB-092 3520	35/39x20
VSB-092 3530	35/39x30
VSB-092 3540	35/39x40
VSB-092 4020	40/44x20

Art. Nr.	d / D x L
VSB-092 4030	40/44x30
VSB-092 4040	40/44x40
VSB-092 4050	40/44x50
VSB-092 4530	45/50x30
VSB-092 4540	45/50x40
VSB-092 4550	45/50x50
VSB-092 5030	50/55x30
VSB-092 5040	50/55x40
VSB-092 5050	50/55x50
VSB-092 5060	50/55x60
VSB-092 5540	55/60x40
VSB-092 5560	55/60x60
VSB-092 6030	60/65x30
VSB-092 6040	60/65x40
VSB-092 6060	60/65x60
VSB-092 6540	65/70x40
VSB-092 6560	65/70x60
VSB-092 7040	70/75x40
VSB-092 7080	70/75x80
VSB-092 7540	75/80x40
VSB-092 7580	75/80x80
VSB-092 8040	80/85x40
VSB-092 8080	80/85x80
VSB-092 8540	85/90x40
VSB-092 8580	85/90x80
VSB-092 9040	90/95x40
VSB-092 9090	90/95x90
VSB-092 10050	100/105x50
VSB-092 10095	100/105x95

