

SIDE STRAIGHT BLOCK SETS

— SIDE INSTALLATION TYPE / OIL GROOVE TYPE SIDE INSTALLATION TYPE —

EXTRA PRECISION SIDE STRAIGHT BLOCK SETS

— SIDE INSTALLATION TYPE —

Ⓜ Non JIS material definition is listed on P.1351 - 1352

TSSB

TSSBM

TSSB (with oil groove)

• A30~80

① Pin

② Bushing

Material: SKD11, 58~62HRC

① Pin	② Bushing	Positioning precision (Clearance)		V dimension symmetry against A/B plane
		Pin	Bushing	
0	+0.01	0.005	0.003 or less	
-0.005	+0.005	0.015		

VTSSB

• A30~40

① Pin

② Bushing

Material: SKD11, 58~62HRC

① Pin	② Bushing	Positioning precision (Clearance)		V dimension symmetry against A/B plane
		Pin	Bushing	
0	+0.005	0.002	0.003 or less	
-0.003	+0.002	0.008		

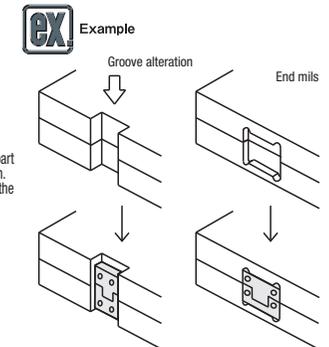
V	T ₁	T ₂	ℓ	R _a	C _a	Bolt hole				Installation bolts	L	L ₁	Part Number Type	A	E	U/Price 1~9 pcs.
						P	Q	d ₁	d ₂							
7		17	1	1	0.5		5	8	4.5	M4 bolt	8	3	TSSB	16	6	Quotation
8	11	19												20	6	
10														25	8	
12	14	22	1	1	0.5	16	6	9.5	5.5	M5 bolt	10	4	TSSB	30	8	Quotation
		34	2	2	1									40	20	
		28	1	1	0.5									10	10	
15	18	43	2	2	1	22	7	11	6.6	M6 bolt	13	6	TSSB	40	25	Quotation
		50												60	20	
		65	2	2	1									35	35	
25	30	70				36	12	14	8.6	M8 bolt	20	11	TSSB	60	35	Quotation
		85												80	30	
														45	45	

V	T ₁	T ₂	ℓ	R _a	C _a	Bolt hole				Installation bolts	L	L ₁	Part Number Type	A	E	U/Price 1~9 pcs.
						P	Q	d ₁	d ₂							
12	14	22	1	1	0.5	16	6	9.5	5.5	M5 bolt	10	4	TSSBM (with oil groove)	30	8	Quotation
15	18	28	1	1	0.5	22	7	11	6.6	M6 bolt	13	6		40	10	

Order Part Number **TSSB20** - E **6**

Days to Ship **Quotation**

Price **Quotation**



Characteristics

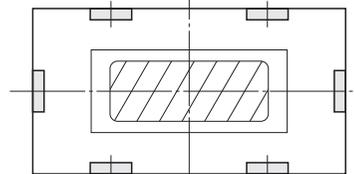
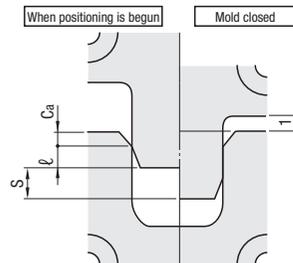
- Suitable for positioning in precision molds such as connector and electronic device. It is capable of preventing wear and damage in core pins since it can be positioned before core pins are inlaid on cavity.
- Positioning is easily performed by simultaneously processing plates in piles (refer to drawing on the right)
- Use precision leader pins since clearance is fairly small.

- Oil groove type (TSSBM) is obtained by attaching oil groove at the sliding part of the side straight block set (TSSB) and two places on both sides of the pin.
- The oil grooves ensure that oil is fed to the sliding part, thus preventing the straight locating block set from scuffing or seizing.

When using

- When a convex side and a concave side knock against each other, it causes damage. Please make a 1mm gap and use it.

E	S (Effective length max.)
6	3.5
8	5.5
10	7.5
20	16.0
25	21.0
30	26.0
35	31.0
45	41.0



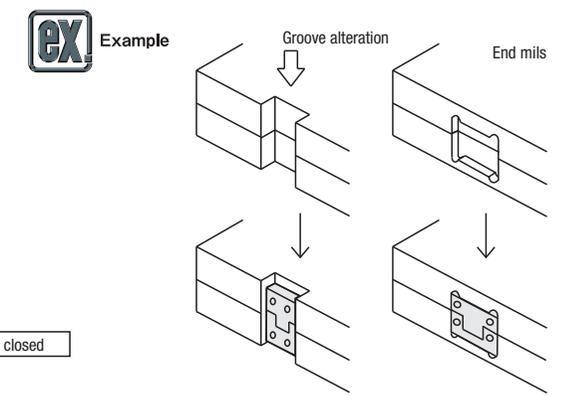
A relatively large sized mold can be positioned more precisely using 2 of the block set at each side in longitudinal direction of the mold base.

V	T ₁	T ₂	ℓ	R _a	C _a	Bolt hole				Installation bolts	L	L ₁	Part Number Type	A	E	U/Price 1~9 pcs.
						P	Q	d ₁	d ₂							
7		17	1	1	0.5		5	8	4.5	M4 bolt	8	3	VTSSB	16	6	Quotation
8	11	19												20	6	
10														25	8	
12	14	22	1	1	0.5	16	6	9.5	5.5	M5 bolt	10	4	VTSSB	30	8	Quotation
		34	2	2	1									40	20	
		28	1	1	0.5									10	10	
15	18	28	2	2	1	22	7	11	6.6	M6 bolt	13	6	VTSSB	40	25	Quotation
		50												60	20	
		65	2	2	1									35	35	

Order Part Number **VTSSB20** - E **6**

Price **Quotation**

Days to Ship **Quotation**



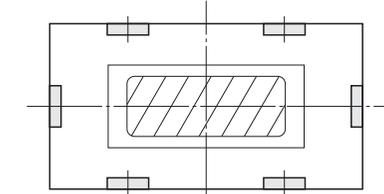
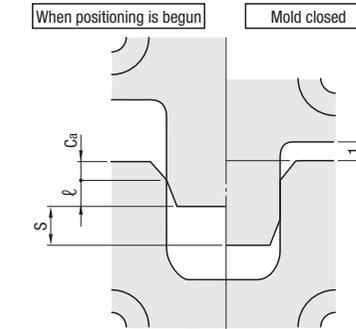
Characteristics

- Suitable for positioning in precision molds such as connector and electronic device. It is capable of preventing wear and damage in core pins since it can be positioned before core pins are inlaid on cavity.
- Positioning is easily performed by simultaneously processing plates in piles (refer to drawing on the right)
- Use precision leader pins since clearance is fairly small.

When using

- When a convex side and a concave side knock against each other, it causes damage. Please open about 1mm and use it.

E	S (Effective length max.)
6	3.5
8	5.5
10	7.5



A relatively large sized mold can be positioned more precisely using 2 of the block set at each side in longitudinal direction of the mold base.

Components for Positioning