

# System Tip-Bar

## SVN-N (without side stopper)

## SVNS-N (without side stopper / without setscrew)

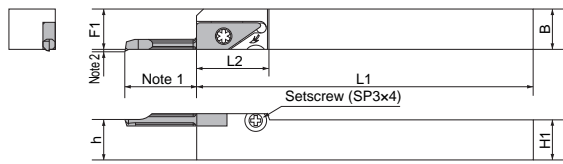


Fig.1 (SVN-N)

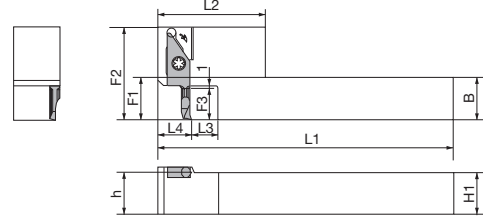


Fig.2 (SVNS-N)

• Right-hand shown

R-hand Insert for R-hand Toolholder.

Note 1 & Note 2 : For insert dimensions, see page [F14-F15](#)

### Toolholder Dimensions

Description	Std.	Dimension (mm)										Drawing	Spare Parts			Applicable Inserts
		H1=h	B	L1	L2	L3	L4	F1	F2	F3	Clamp Screw		Wrench	Setscrew		
<b>SVNR 1010H-12N</b>	●	10	10	100					10			Fig.1	SB-3080TR	FT-10	SP3X4	(VNBR0000-000) (VNBTR0000-000) (VNGR0000-000) (VNFGR0000-000) (VNTR0000-000)
<b>1212K-12N</b>	●	12	12					12								
<b>1616K-12N</b>	●	16	16	125	22	-	-	16	-	-						
<b>2020K-12N</b>	●	20	20					20								
<b>2525M-12N</b>	●	25	25	150				25								
<b>SVNSR 1010K-12-06N</b>	●	10	10	125		10	12	10	29	6	Fig.2	SB-3080TR	LTW-10S	-	(VNBR0006-000)* (VNBR0011-000)* (VNBTR0011-000)* (VNGR0000-11)* (VNTR0000-11)* (VNBR0020-000)* (VNBTR0020-000)* (VNGR0000-20)* (VNBR0006-000)* (VNBR0011-000)* (VNBTR0011-000)* (VNGR0000-11)* (VNTR0000-11)* (VNBR0020-000)* (VNBTR0020-000)* (VNGR0000-20)*	
<b>1010K-12-11N</b>	●	10	10	125		10	12	10	33	11						
<b>1212M-12-06N</b>	●	12	12	150		10	12	12	29	6						
<b>1212M-12-11N</b>	●	12	12	150		10	12	12	33	11						
<b>1212M-12-20N</b>	●	12	12	150	45	10	13	12	42	20						
<b>1616M-12-06N</b>	●	16	16	150		16	12	16	29	6						
<b>1616M-12-11N</b>	●	16	16	150		16	12	16	33	11						
<b>1616M-12-20N</b>	●	16	16	150		16	13	16	42	20						

- SVN-N (without side stopper) retains high index accuracy by simple restraint.
- SVN-N (without side stopper) has a setscrew SP3X4. Changing the setscrew SP3X4 to a screw HS3X4 (sold separately) enables the holder to be used as a binding effect holder similar to the side stopper holder.
- Please use [SVN / SVNS inserts] with side stoppers if machining with binding effect is required (e.g. varying directions for internal, external or face cutting when using only one tool).

All System Tip-Bar Inserts are used with a SVNSR-N Toolholder, however, When setting the cutting edge at the face level of the toolholder as shown in Fig.2, use the insert shown in ( ). In these cases, the F3 dimension of the toolholder corresponds to the L2 dimension of the insert.

### Spare Parts (Optional)

Screw (Side Stopper)	Wrench
HS3x4	LW-1.5

● : Std. Item   □ : Check Availability