

System Tip-Bar

SVN-N (without side stopper)

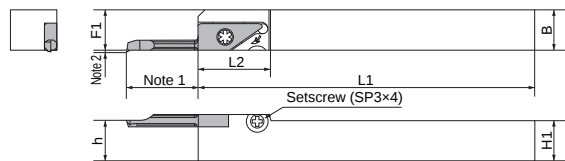


Fig.1 (SVN-N)

• Right-hand shown

SVNS-N (without side stopper / without setscrew)

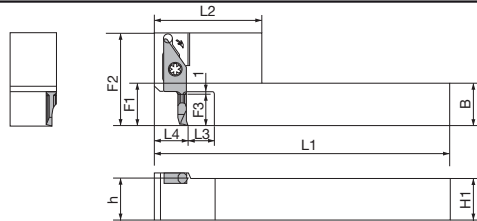


Fig.2 (SVNS-N)

R-hand Insert for R-hand Toolholder.

Note 1 & Note 2 : For insert dimensions, see page [F10~F11](#)

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		
													 FT LTW			
SVNR 1010H-12N	●	10	10	100	22	-	-	10	-	-	Fig.1	SB-3080TR	FT-10	SP3×4	➡ F10~F11 ➡ G33 ➡ G56 ➡ J27	
1212K-12N	●	12	12	12												
1616K-12N	●	16	16	125				16								
2020K-12N	●	20	20	20												
2525M-12N	●	25	25	150				25								
SVNSR 1010K-12-06N	●	10	10	125	45	10	12	10	29	6	Fig.2	SB-3080TR	LTW-10S	-	(VNBR○○06-○○○)* (VNBR○○11-○○○)* (VNBTR○○11-○○○)* (VNGR○○○○-11)* (VNTR○○○○-11)* (VNBR○○06-○○○)* (VNBR○○11-○○○)* (VNBTR○○11-○○○)* (VNGR○○○○-11)* (VNTR○○○○-11)* (VNBR○○20-○○○)* (VNBTR○○20-○○○)* (VNGR○○○○-20)* (VNBR○○06-○○○)* (VNBR○○11-○○○)* (VNBTR○○11-○○○)* (VNGR○○○○-11)* (VNTR○○○○-11)* (VNBR○○20-○○○)* (VNBTR○○20-○○○)* (VNGR○○○○-20)*	
1010K-12-11N	●	10	10	125		10	12	10	33	11						
1212M-12-06N	●	12	12	150		10	12	12	29	6						
1212M-12-11N	●	12	12	150		10	12	12	33	11						
1212M-12-20N	●	12	12	150		10	13	12	42	20						
1616M-12-06N	●	16	16	150		16	12	16	29	6						
1616M-12-11N	●	16	16	150		16	12	16	33	11						
1616M-12-20N	●	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 like with the side stopper holder.
- In case of machining insert emphasizing on binding effect, (e.g. varying loading direction of under cutting, internal and external or face cutting by one tool) please use [SVN and SVNS Holders] with attached side stoppers.

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.