

Face Grooving Toolholders

Blade Dimension

Shape	Description	Std.		Dimension (mm)				Face Grooving Dia. ϕD		Applicable Inserts	Applicable Toolholder	
		R	L	L	H	T	W	MIN.	MAX.			
Stamped side Top shape of 501C, 701C, 1001C, 1501C	SF ^{R/L} -351B	●	●	30.5	11	4.7	2.0	35	50	GVF ^{R/L} 250B~350B, 150BR	GFV(S / T) ^{R/L} □ □ □ □ □ □ -○○○B (Toolholder Stamp GFV(S / T) ^{R/L} □ □ □ □ □ □ -HB)	
	-352B	●	●		3.4		GVF ^{R/L} 400B~490B, 200BR					
	SF ^{R/L} -501B	●	●		15		2.0	50	70	GVF ^{R/L} 250B~350B, 150BR		
	-502B	●	●		3.4		GVF ^{R/L} 400B~490B, 200BR					
	SF ^{R/L} -701B	●	●	17			2.0	70	100	GVF ^{R/L} 250B~350B, 150BR		
	-702B	●	●				3.4			GVF ^{R/L} 400B~490B, 200BR		
	SF ^{R/L} -501C	●	●	35	15	7.5	2.8	50	70	GVF ^{R/L} 350C~450C	GFV(S / T) ^{R/L} □ □ □ □ □ □ -○○○C (Toolholder Stamp GFV(S / T) ^{R/L} □ □ □ □ □ □ -HC)	
	-502C	●	●		20		4.3			GVF ^{R/L} 500C~600C		
	SF ^{R/L} -701C	●	●				2.8	70	100	GVF ^{R/L} 350C~450C		
	-702C	●	●				4.3			GVF ^{R/L} 500C~600C		
	SF ^{R/L} -1001C	●	●		23		2.8	100	150	GVF ^{R/L} 350C~450C		
	-1002C	●	●		4.3		GVF ^{R/L} 500C~600C					
	SF ^{R/L} -1501C	●	●		23		2.8	150	250	GVF ^{R/L} 350C~450C		
	-1502C	●	●				4.3			GVF ^{R/L} 500C~600C		

• Right-hand shown

• R-hand Blade for R-hand Toolholder,
L-hand Blade for L-hand Toolholder.

Face Groove Diameter of GFVS / GFVT

ex) GFVS^{R/L}... -351B / 352B

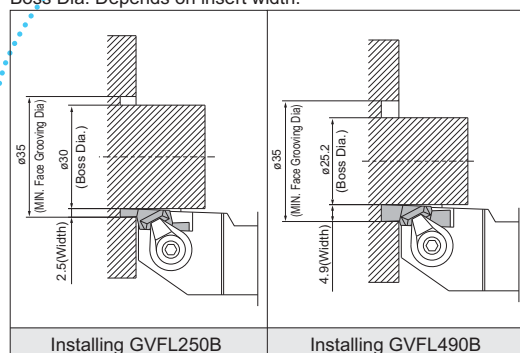
(same as GFVS^{R/L}...-○○○B, GFVS^{R/L}...-○○○C G63
GFVT^{R/L}...-○○○B, GFVT^{R/L}...-○○○C G63)

Description	Face Grooving Dia. ϕD		Applicable Inserts
	MIN.	MAX.	
GFVS ^{R/L} 2020K-351B	35 (25)	50 (∞)	GVF ^{L/R} 250B~350B
2525M-351B			GVF ^{L/R} 150BR
2020K-352B			GVF ^{L/R} 400B~490B
2525M-352B			GVF ^{L/R} 200BR

• It is available to infinity ∞ when machining toward outer diameter.

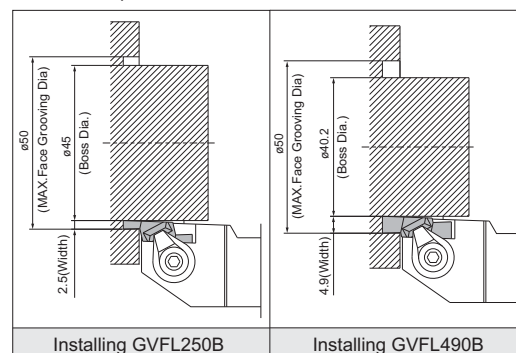
When machining the initial groove on the face at MIN. $\phi 35$.

If the initial groove is made smaller than this, the toolholder interferes with the workpiece.
Boss Dia. Depends on insert width.



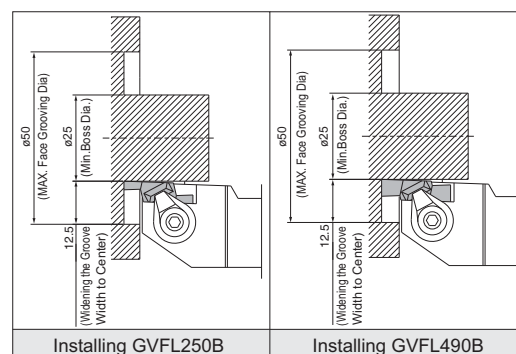
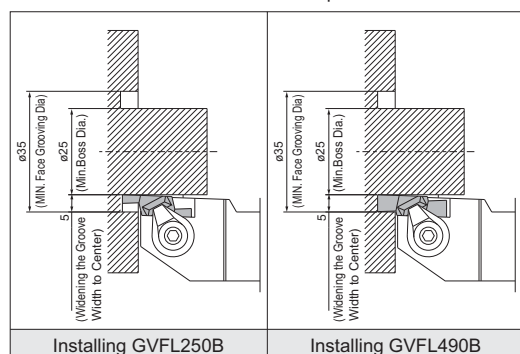
When machining the initial groove on the face at MAX. $\phi 50$.

If the first groove is bigger than this, the toolholder interferes with the workpiece.
Boss Dia. Depends on insert width.



When widening the groove width to inner diameter.

Face Grooving Dia. ϕD MIN. ($\phi 25$ Boss Dia.) is the limitation regardless of insert width, even widening the groove width to the center from the initial groove at ϕD MIN. ($\phi 35$) or ϕD MAX. ($\phi 50$).
The toolholder interferes with the workpiece when closer to the center.



● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)