Face Grooving Diameter of GFV

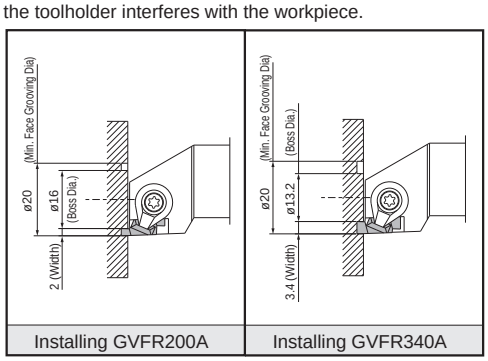
① e.g.) GFV$^{R}_{L}$...-201A

Description		Face Grooving Dia. øD MIN.	Face Grooving Dia. øD MAX.	Applicable Inserts
GFV$^{R}_{L}$	**2020K-201A**	20	∞	GVF$^{R}_{L}$200A~340A
	2525M-201A	(12)	(∞)	GVF$^{R}_{L}$100AR~150AR

- It is available to infinity ∞ in case of machining the first groove bigger than MIN.
- It is available to infinity ∞ when machining toward outer diameter.

- When machining the initial groove on the face of MIN. ø20

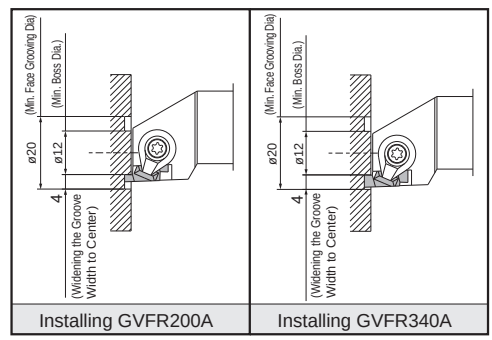
If the initial groove is made smaller than this, the toolholder interferes with the workpiece.



Installing GVFR200A | Installing GVFR340A

- When widening the groove width to inner diameter.

Face groove diameter D MIN (12) is the limit; the toolholder interferes with the workpiece in case of smaller than ø12.



Installing GVFR200A | Installing GVFR340A

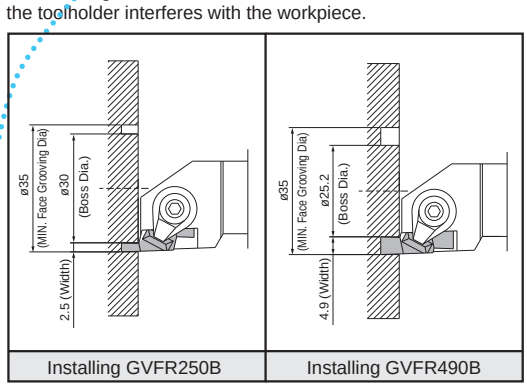
② e.g.) GFV$^{R}_{L}$...-351B / 352B (same as GFV$^{R}_{L}$...-○○○B type, GFV$^{R}_{L}$...-○○○C type)

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

- It is possible to widen the groove to infinity ∞ when machining the initial groove within MIN-MAX. and then widening to outer diameter.

- When machining the initial groove on the face at MIN.ø35

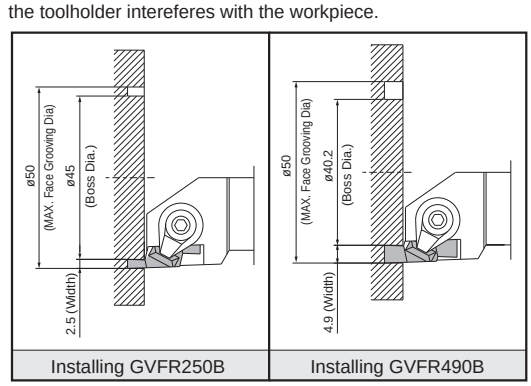
If the initial groove is made smaller than this, the toolholder interferes with the workpiece.



Installing GVFR250B | Installing GVFR490B

- When machining the initial groove on the face at MAX.ø50.

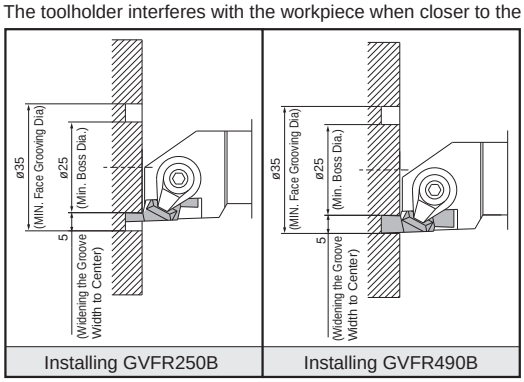
If the first groove is bigger than this, the toolholder intereferes with the workpiece.



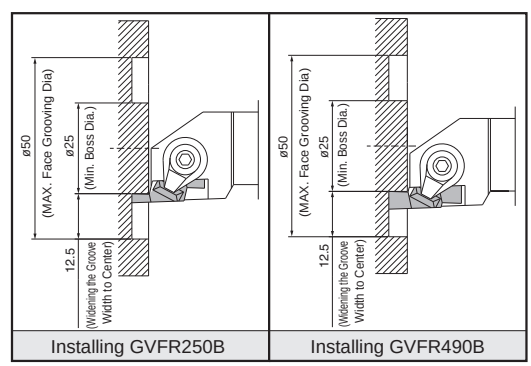
Installing GVFR250B | Installing GVFR490B

- When widening the groove width to inner diameter.

Face Grooving Dia.øD MIN.(ø25 Boss Dia.) is the limitation regardless of insert width, even widening the groove width to the center from the initial groove at øD MIN.(ø35) or øD MAX.(ø50). The toolholder interferes with the workpiece when closer to the center.



Installing GVFR250B | Installing GVFR490B



Installing GVFR250B | Installing GVFR490B