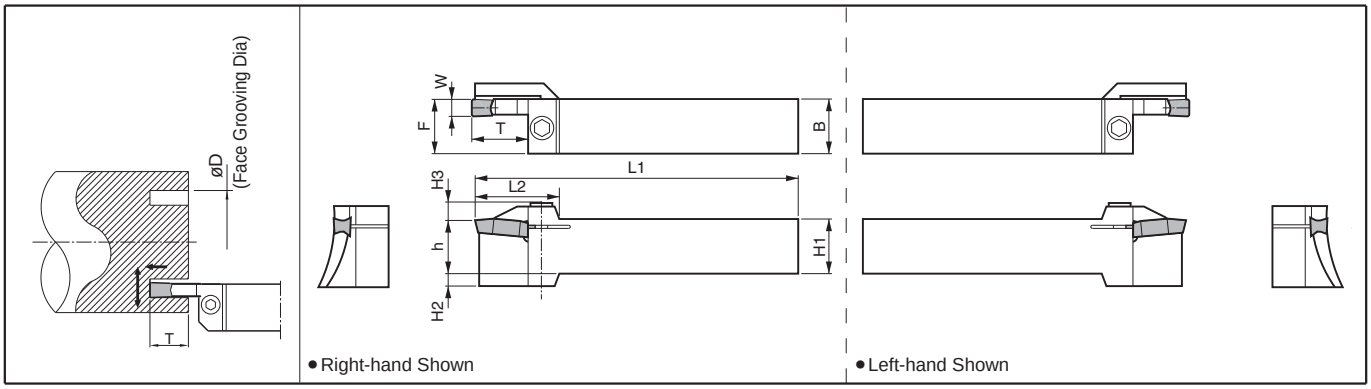
Face Grooving Toolholders

KFMS-8



Toolholder Dimensions

Description		Std. R	Std. L	Dimension (mm) H1=h	H2	H3	B	L1	L2	F	T		Width (mm) W	Face Grooving Dia. øD MIN.	MAX.	Spare Parts Screw	Wrench		Ref. Page for Recommended Cutting Conditions
KFMS R/L	2525M5464-8	●	●	25	-	9	25	150	41	26	25		8	54 (0)	64 (∞)	HH6X25	LW-5		G93
	2525M6382-8	●	●		2.4									63 (0)	82 (∞)				
	2525M80115-8	●	●		6	8			40					80 (0)	115 (∞)				
	2525M105160-8	●	●											105 (0)	160 (∞)				
	2525M155510-8	●	●	25	6	8	25	150	43	26	25		8	155 (0)	510 (∞)				
	3232P155510-8	●		32	-		32	170		33									

・Dimension T shows available grooving depth.

・The value ( ) of Face Grooving Dia. (øD Max) is the maximum outer diameter value after the initial groove between MIN ～ MAX. (It is possible to widen the groove to infinity ∞).
The value ( ) of Face Grooving Dia. (øD Min) is the minimum diameter of the boss which remains in the center when widening the groove width to a smaller value after the initial groove between MIN ～ MAX.

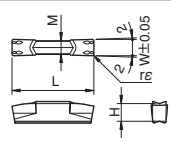
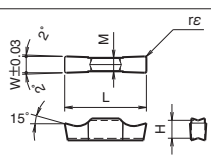
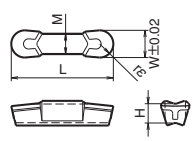
Applicable Inserts

(mm)

Description	L	H
GMM 8030-080MW	30	5.5
GMG 8030-050MG		
GMGA 8030-400R		

P	Carbon Steel / Alloy Steel			◔	●		
M	Stainless Steel			●	◔		
K	Cast Iron					●	◔
N	Non-ferrous Metals						●
S	Titanium Alloy						●
H	Hard materials (under 40HRC)			○	●		
	Hard materials (over 40HRC)						

Classification of usage
● : Continuous-Light Interruption / 1st Choice
◔ : Continuous-Light Interruption / 2nd Choice
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

Insert		Description	(Previous Description)	Dimension (mm) W	rε	M	Cermet TN90	CVD Coated Carbide CR9025	PVD Coated Carbide PR915	PR930	PR905	Carbide KW10	Applicable Toolholder	Ref. Page for Toolholder
Chip Control Oriented / M Class		GMM 8030-080MW	GMM 8030-08	8.0	0.8	6.0		●	●	●	●	●	KFMS R/L ···8	G86
Sharp-Cutting Oriented / Precision Class Ground Chipbreaker		GMG 8030-050MG	GMG 8030-05MG	8.0	0.5	6.0	●	●		●	●	●		
Sharp-Cutting Oriented / Precision Class Full-R / Copying		GMGA 8030-400R	GMGA 8030-40R	8.0	4.0	6.0						●		

・If using a full-R insert with KIGM-8 type toolholder, you need to modify the corner of insert adapter of toolholder.

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

Inserts are sold in 10 piece boxes.