для заказа - kyocera@kyocera-tools.ru

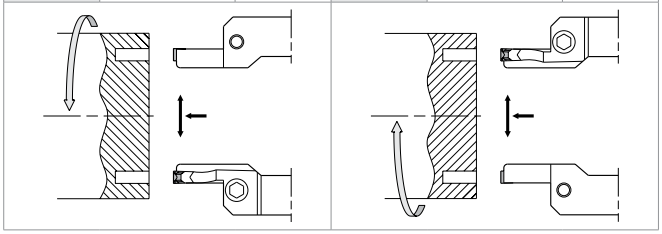
Toolholder Dimensions

Part Number	Stock R	Stock L	Unit	H1=h	H2	H3	B	L1	L2	F	S	T	W	Face Grooving Dia. ØD MIN	Face Grooving Dia. ØD MAX	Spare Parts: Clamp Bolt	Spare Parts: Wrench
KFMS**R/L** 16-5-75115	●		inch	1.000	-	0.393	1.000	6.000	2.012	1.027 (1.047)	-	1.260	0.197 (0.236)	2.953	4.528	HH5X25	LW-4
16-5-115180	●													4.528	7.087		
16-5-180235	●													7.087	9.252		
KFMS**R/L** 2020K2535-5	○		mm	20	-	10	20	125	39	20.7 (21.2)	-	20	5 (6)	25	35	HH5X20	LW-4
2020K3550-5	○													35	50		
2020K5075-5	○				5			125	44			25		50	75		
2020K75115-5	○													75	115		
2020K115180-5	○													115	180		
2020K180235-5	○													180	235		
2020K235800-5	○													235	∞		
2525M2535-5	○	○		25	-	10	25	150	39	25.7 (26.2)	-	20	5 (6)	25	35	HH5X25	LW-4
2525M3550-5	○	○												35	50		
2525M5075-5	○	○							44			25		50	75		
2525M75115-5	○	○												75	115		
2525M115180-5	○	○							51			32		115	180		
2525M180235-5	○	○												180	235		
2525M235800-5	○	○												235	∞		

- Dimension T shows available grooving depth.
- Face Grooving Dia. ØD: The diameter range of the initial groove.
- For KFMS**R/L**····-5 toolholder can hold a 0.236" width insert. ( ) value shows the dimension of a 0.236" width insert.

Selection of Toolholder & Insert

Toolholder	Right-hand (R)	Toolholder	Left-hand (L)
Insert	(No Hand)	Insert	(No Hand)



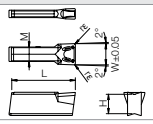
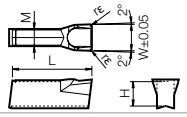
Applicable Inserts

(in)

Part Number	L	H
FMM30-03 FMM60-04	0.472	0.138
FMN3 FMN6	0.472	0.138

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

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

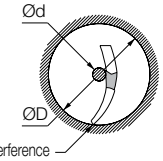
Insert		Part Number	Dimensions (in) W inch	W mm	rε	M	Cermet TN90	CVD Coated Carbide CR9025	PVD Coated Carbide PR915	PR930	PR905	Carbide KW10	Applicable Toolholders
 Face Grooving Chip Control Oriented / M Class		FMM 30-03	0.118	3.0	0.012	0.079	○	●	○	●	○	●	KFMS**R/L**…-3(…)
		40-04	0.157	4.0	0.016	0.102	○	●	○	●	○	●	KFMS**R/L**…-4(…)
		50-04	0.197	5.0	0.016	0.134	○	●	○	○	○	○	KFMS**R/L**…-5(…)
		60-04	0.236	6.0	0.016	0.157	○	●		○	○	○	
 Face Grooving Sharp-Cutting Oriented / M Class		FMN 3	0.118	3.0	0.010	0.079	○	○		●		○	KFMS**R/L**…-3(…)
		4	0.157	4.0	0.010	0.102	○			○		○	KFMS**R/L**…-4(…)
		5	0.197	5.0	0.010	0.134	○	○		○		○	KFMS**R/L**…-5(…)
		6	0.236	6.0	0.010	0.157		○		○		○	

- FMN type inserts are only for Deep Grooving and not applicable for Turning.

Recommended Cutting Conditions ➔ G126

Limit of Turning Toward Center

It causes the toolholder to interfere with the groove wall depending on the initial cut's diameter.



Remaining Boss Dia. Ød

Part Number	ØD 25	ØD 26	ØD 27	ØD 28 and over
	Ød			
KFMS**R/L** 2020K2530-3	4	2	0	0
KFMS**R/L** 2525M2530-3				
KFMS**R/L** 2020K2535-4	6	3	0	
KFMS**R/L** 2525M2535-4				
KFMS**R/L** 2020K2535-5	7 *(5)	4 *(2)	1 *(0)	(No remaining Boss)
KFMS**R/L** 2525M2535-5				

e.g.) KFMSR 2525M2530-3 with Ø25 as first cut towards the center, it will cause a rubbing with the toolholder cartridge if Ød is 4.0mm.

*( ) value shows the Dimension using FMM60-04 Insert.

Inserts are sold in 10 piece boxes.

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● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)