

螺紋&開槽刀

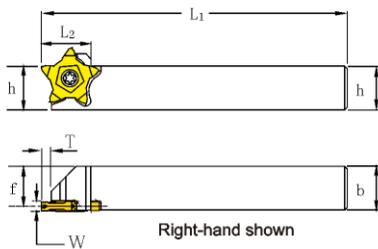
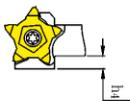
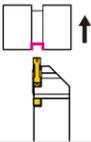
THREADING & GROOVING



外徑開槽

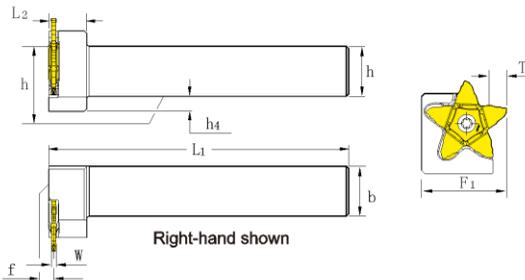
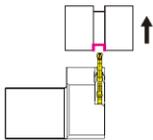
TOOL HOLDERS

PCHR/L



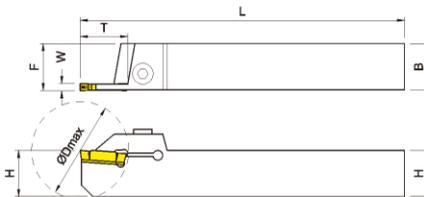
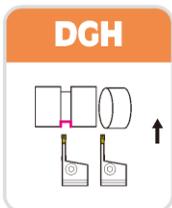
Item code	Dimensions,mm									Screw 	Wrench
	h	b	Wmin	Wmax	f	L1	L2	h4	T		
PCHR/L 10-#4	10.0	10.0	0.50	3.20	8.5	120	17.5	6.0	4.50	BFTX5010	TRX15
PCHR/L 12-#4	12.0	12.0	0.50	3.20	10.5	120	17.5	4.0	4.50		
PCHR/L 16-#4	16.0	16.0	0.50	3.20	14.5	120	17.5	-	4.50		
PCHR/L 20-#4	20.0	20.0	0.50	3.20	18.5	120	17.5	-	4.50		
PCHR/L 25-#4	25.0	25.0	0.50	3.20	23.5	135	17.5	-	4.50		

PCHPR/L



Item code	Dimensions,mm									Screw 	Wrench
	h	b	Wmin	Wmax	f	F1	L1	L2	T		
PCHPR/L 16-#4	16.0	16.0	0.5	3.2	1.5	23.5	120	11.5	6.5	BFTX5010	TRX15
PCHPR/L 20-#4	20.0	20.0	0.5	3.2	1.5	28	140	11.5	6.5		
PCHPR/L 25-#4	25.0	25.0	0.5	3.2	1.5	33	135	11.5	6.5		

EXTERNAL GROOVING

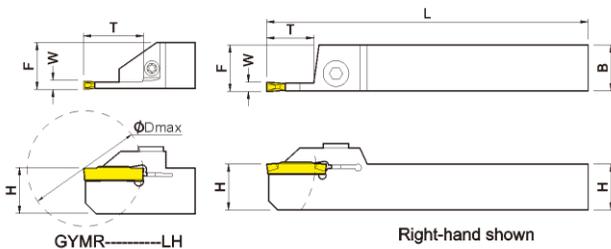
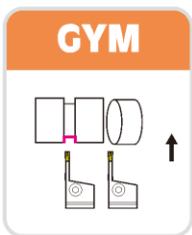


Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
DGHR/L-1616K-2-16L	16	16	125	16.3	16	2.0	DGM20CE	BX5020	LH040
DGHR/L-2020K-2-16L	20	20	125	20.3				BX5025	LH040
DGHR/L-1616K-2-20L	16	16	125	16.3	20	2.0	DGM20CE	BX5020	LH040
DGHR/L-2020K-2-20L	20	20	125	20.3				BX5025	LH040
DGHR/L-2020K-3-12L	20	20	125	20.3	12	3.0	DGM30CT	BX5025	LH040
DGHR/L-2525M-3-12L	25	25	150	25.3					
DGHR/L-1616K-3-16L	16	16	125	16.3	16	3.0	DGM30CT	BX5020	LH040
DGHR/L-2020K-3-16L	20	20	125	20.3				BX5025	LH040
DGHR/L-2525M-3-16L	25	25	150	25.3	20	3.0	DGM30CT	BX5020	LH040
DGHR/L-1616K-3-20L	16	16	125	16.3				BX5025	LH040
DGHR/L-2020K-3-20L	20	20	125	20.3	25	3.0	DGM30CE	BX5020	LH040
DGHR/L-2525M-3-20L	25	25	150	25.3				BX5025	LH040
DGHR/L-1616K-3-25L	16	16	125	16.3	32	3.0	DGM30CE	BX5020	LH040
DGHR/L-2020K-3-25L	20	20	125	20.3				BX5025	LH040
DGHR/L-2525M-3-25L	25	25	150	25.3	20	4.0	DGM40CT	BX5020	LH040
DGHR-3232P-3-25L	32	32	170	32.3				BX5025	LH040
DGHR/L-1616K-4-20L	16	16	125	16.3	25	4.0	DGJ40CE	BX5020	LH040
DGHR/L-2020K-4-20L	20	20	125	20.3				BX5025	LH040
DGHR/L-2525M-4-20L	25	25	150	25.3	32	4.0	DGM50CT	BX5020	LH040
DGHR/L-1616K-4-25L	16	16	125	16.3				BX5025	LH040
DGHR/L-2020K-4-25L	20	20	125	20.3	25	5.0	DGM50CT	BX5020	LH040
DGHR/L-2525M-4-25L	25	25	150	25.3				BX5025	LH040
DGHR-3232P-4-25L	32	32	170	32.3					
DGHR/L-1616K-5-25L	16	16	125	16.3	25	5.0	DGM50CT	BX5020	LH040
DGHR/L-2020K-5-25L	20	20	125	20.3				BX5025	LH040
DGHR/L-2525M-5-25L	25	25	150	25.3					

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm			
		W	L	H	Re
DGM 30CT		3	20	5	0.4
DGM 40CT		4	20	5	0.4
DGM 50CT		5	25	6	0.4
DGM 20CE		2	25	3	0.2
DGM 30CE		3	25	5	0.2
DGJ 30CE		3	25	5	0.2
DGJ 40CE		4	25	6	0.2

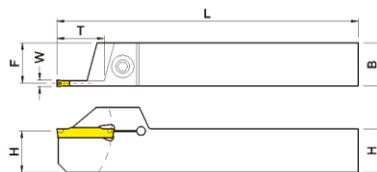
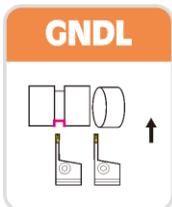
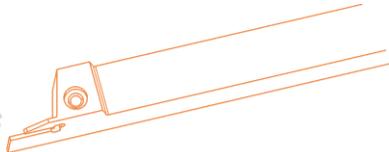


EXTERNALE GROOVING 螺旋及开槽刀

Item code	Dimensions,mm					Width W(mm)	Insert	Screw 	Wrench
	H	B	L	F	T				
GYMR-2020K-2-13L	20	20	125	20.3	13	2.0	GY2M02..D.	BX6030	LH050
GYMR-2020K-2-18L	20	20	125	20.3	18				
GYMR-2020K-3-08L	20	20	125	20.3	8	3.0	GY2M03..F.		
GYMR-2525M-3-08L	25	25	150	25.3					
GYMR-2020K-3-12L	20	20	125	20.3	12	4.0	GY2M04..G.		
GYMR-2525M-3-12L	25	25	150	25.3					
GYMR-2020K-3-20L	20	20	125	20.3	20	5.0	GY2M05..H.		
GYMR-2525M-3-20L	25	25	150	25.3					
GYMR-2020K-4-20L	20	20	125	20.3	20	5.0	GY2M05..H.		
GYMR-2525M-4-20L	25	25	150	25.3					
GYMR-2020K-5-20L	20	20	125	20.4	20	5.0	GY2M05..H.		
GYMR-2525M-5-20L	25	25	150	25.4					
GYMR-3232P-5-20L	32	32	170	32.4					
GYMR-1616K-2-13LH	16	16	125	16.25	13	2.0	GY2M02..D.		
GYMR-1616K-2-18LH	16	16	125	16.25	18				
GYMR-1616K-3-16LH	16	16	125	16.3	16	3.0	GY2M03..F.		
GYMR-1616K-3-20LH	16	16	125	16.3	20				

Description	Insert Shape	Dimensions,mm			
		W	L	ar (Max.)	Re
GY2M 0200D020N-GM		2	20.7	19.4	0.2
GY2M 0300F030N-GM		3	20.7	19.4	0.3
GY2M 0400G030N-GM		4	25.65	24.4	0.3
GY2M 0500H040N-GM		5	25.65	24.3	0.4
GY2M 0300F150N-BM		3	20.9	19	1.5
GY2M 0400G200N-BM		4	25.8	23.4	2.0
GY2M 0500H250N-BM		5	25.8	22.8	2.5

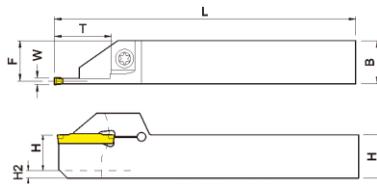
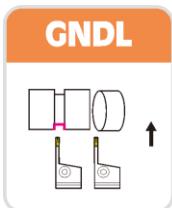
EXTERNAL GROOVING



Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
GNDLR-2020K-220T	20	20	125	19.2	20	2.0	GCMN20...	BX5025	LH040
GNDLR-2525M-220T	25	25	150	24.2					
GNDLR-2020K-320T	20	20	125	18.9	20	3.0	GCMN30...		
GNDLR-2525M-320T	25	25	150	23.9					
GNDLR-2020K-420T	20	20	125	18.5	20	4.0	GCMN40...		
GNDLR-2020K-425T	20	20	125	18.5					
GNDLR-2525M-425T	25	25	150	23.5	25				

螺紋及開槽刀
THREADING & GROOVING

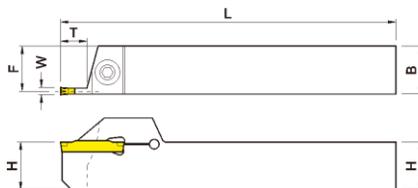
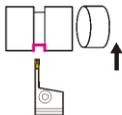


Right-hand shown

Item code	Dimensions,mm						Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T	H2				
GNDLR/L-1212K-216LHT	12	12	125	11.25	16	2	2.0	GCMN20...	BFTX4012	TRX15
GNDLR/L-1212K-318LHT	12	12	125	10.95	18	2	3.0	GCMN30...		

Descript on	Insert Shape	Dimensions,mm			
		W	L	H	Re
GCM N3004-MG		3	21.1	3.8	0.4
GCM N4008-MG		4	26.4	4.0	0.8
GCM N5008-MG		5	26.4	4.1	0.8
GCM N3015-RG		3	21.1	3.8	1.5
GCM N4020-RG		4	26.4	4.0	2.0
GCM N5025-RG		5	27.0	4.1	2.5

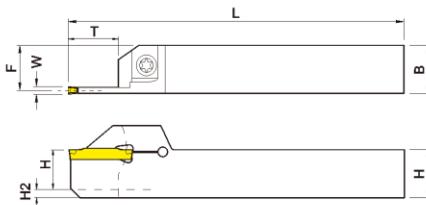
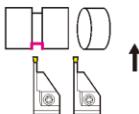
GNDM



Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
GNDMR-2020K-312T	20	20	125	18.9	12	3.0	GCMN30...	BX5025	LH040
GNDMR-2525M-312T	25	25	150	23.9					
GNDMR-2020K-418T	20	20	125	18.5	18	4.0	GCMN40...	BX5025	LH040
GNDMR-2525M-418T	25	25	150	23.5					
GNDMR-2525M-618T	25	25	150	22.5	18	6.0	GCMN60...	BX6030	LH050

GNDM

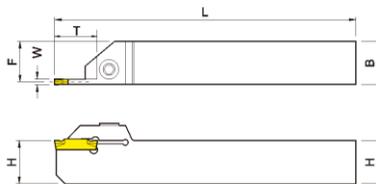
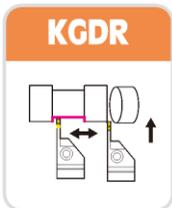


Right-hand shown

Item code	Dimensions,mm							Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T	H2					
GNDMR-1212K-312LHT	12	12	125	10.95	12	2	3.0	GCMN30...	BFTX4012	TRX15	

Description	Insert Shape	Dimensions,mm			
		W	L	H	Re
GCM N3004-MG		3	21.1	3.8	0.4
GCM N4008-MG		4	26.4	4.0	0.8
GCM N5008-MG		5	26.4	4.1	0.8
GCM N3015-RG		3	21.1	3.8	1.5
GCM N4020-RG		4	26.4	4.0	2.0
GCM N5025-RG		5	27.0	4.1	2.5

EXTERNAL GROOVING

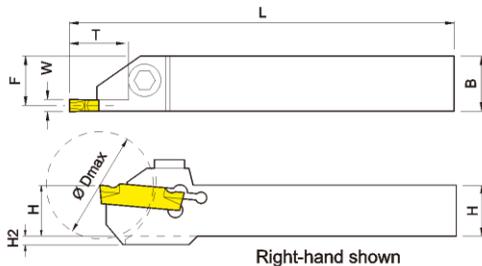
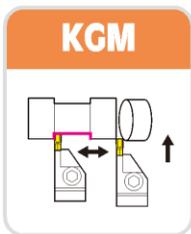


Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
KGDR-1010K-2T13T	10	10	125	9.2	13	2.0	GDM2020	BX4016	LH030
KGDR-1212K-2T13T	12	12	125	11.2					
KGDR-1616K-2T13T	16	16	125	15.2		3.0	GDM3020	BX5020	LH040
KGDR-1616K-3T20T	16	16	125	14.8	20				
KGDR/L-2020K-3T20T	20	20	125	18.8					
KGDR/L-2525M-3T20T	25	25	150	23.8					

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm			
		W	L	H	Re
GDM 2020...		2.0	20	4.3	--
GDM 3020...		3.0			--
GDM 4020...		4.0			--
GDM 5020...		5.0			--

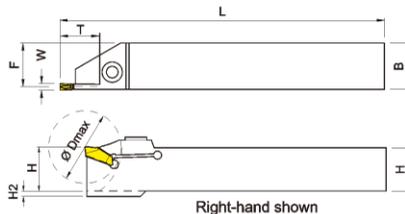
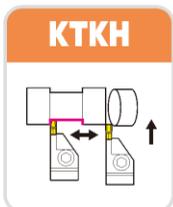


TURNING & GROOVING 磨紋及开槽刀

Item code	Dimensions,mm						Width W(mm)		Insert	Screw	Wrench
	H	B	L	F	T	H2	min	max			
KGMR/L-1212K-1.5-L10	12	12	125	11.4	10	2	1.5	2.0	GMM1520...	BX4016	LH030
KGMR/L-1616K-1.5-L10	16	16	125	15.4					GMM2020...	BX5020	LH040
KGMR/L-2020K-1.5-L10	20	20	125	19.4						BX5025	LH040
KGMR/L-2525M-1.5-L10	25	25	150	24.4							
KGMR/L-1212K-2T-L10	12	12	125	11.1	10	2	2.0	3.0	GMM2020...	BX4016	LH030
KGMR/L-1616K-2T-L10	16	16	125	15.1					GMM2520...	BX5020	LH040
KGMR/L-2020K-2T-L10	20	20	125	19.1					GMM3020...	BX5025	LH040
KGMR/L-2525M-2T-L10	25	25	150	24.1							
KGMR/L-1212K-2T-L13	12	12	125	11.1	13	3				BX4016	LH030
KGMR/L-1616K-2T-L13	16	16	125	15.1						BX5020	LH040
KGMR/L-2020K-2T-L13	20	20	125	19.1						BX5025	LH040
KGMR/L-2525M-2T-L13	25	25	150	24.1							
KGMR/L-1212K-2T-L17	12	12	125	11.1	17	4				BX4016	LH030
KGMR/L-1616K-2T-L17	16	16	125	15.1						BX5020	LH040
KGMR/L-2020K-2T-L17	20	20	125	19.1						BX5025	LH040
KGMR/L-2525M-2T-L17	25	25	150	24.1							
KGMR/L-1616K-3T-L16	16	16	125	14.8	16	-	3.0	4.0	GMM3020...	BX5020	LH040
KGMR/L-2020K-3T-L16	20	20	125	18.8					GMM4020...	BX5025	LH040
KGMR/L-2525M-3T-L16	25	25	150	23.8							
KGMR/L-1616K-3T-L20	16	16	125	14.8	20	4					
KGMR/L-2020K-3T-L20	20	20	125	18.8							
KGMR/L-2525M-3T-L20	25	25	150	23.8							
KGMR-3232P-3T-L20	32	32	170	30.8							
KGMR-2020K-4T-L20	20	20	125	18.3	20	-	4.0	5.0	GMM4020...	BX5025	LH040
KGMR/L-2525M-4T-L20	25	25	150	23.3					GMM5020...		
KGMR/L-3232P-4T-L20	32	32	170	30.3							
KGMR/L-2525M-5T-L20	25	25	150	22.8	20	-	5.0	6.0	GMM5020...	BX5025	LH040
KGMR/L-3232P-5T-L20	32	32	170	29.8					GMM6020...		

Description	Insert Shape	Dimensions,mm			
		W	L	H	M
GMM 1520-MT		1.5	20	4.3	1.2
GMM 2020-MT		2.0			1.5
GMM 2520-MT		2.5			1.9
GMM 3020-MT		3.0			2.3
GMM 2420-02		2.4			1.9
GMM 3020-04		3.0			2.3
GMM 4020-04		4.0			3.3
GMM 5020-08		5.0			4.2

EXTERNAL GROOVING



Right-hand shown

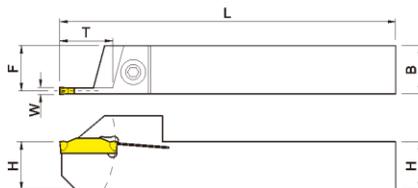
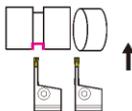
Item code	Dimensions,mm						Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T	H2				
KTKHR-1212K-2-13L	12	12	125	11.1	13	4	2.2	TKN2	BX4016	LH030
KTKHR-1212M-2-13L			150	11.1			2.4			
KTKHR-1616K-2-13L	16	16	125	15.1					BX5025	
KTKHR-2020K-2-13L	20	20	125	19.1						
KTKHR-2525M-2-13L	25	25	150	24.1						
KTKHR-1616K-2-20L	16	16	125	15.1	20	-	2.2		BX5020	
KTKHR-2020K-2-20L	20	20	125	19.1			2.4		BX5025	
KTKHR-2525M-2-20L	25	25	150	24.1						
KTKHR-2020K-3-16L	20	20	125	18.8	16	-	3.1	TKN3	BX5025	
KTKHR-2525M-3-16L	25	25	150	23.8						
KTKHR-1616K-3-22L	16	16	125	14.8	22				BX5020	
KTKHR-2020K-3-22L	20	20	125	18.8					BX5025	
KTKHR-2525M-3-22L	25	25	150	23.8						
KTKHR-2020K-3-27L	20	20	125	18.8	27					
KTKHR-2525M-3-27L	25	25	150	23.8	27					
KTKHR-2525M-3-32L	25	25	150	23.8	32	-	3.1	TKN3	BX5025	LH040
KTKHR-2525M-4-32L	25	25	150	23.2	32	-	4.1	TKN4	BX5025	LH040

螺紋及開槽刀
THREADING & GROOVING

Description		Insert Shape	Dimensions,mm		
			W	R	K
TKN	2		2.0	0.2	-
TKN	2.4		2.4	0.2	
TKN	3		3.1	0.25	
TKN	4		4.1	0.30	
TKR/L	2		2.0	0.2	
TKR/L	2.4		2.4	0.2	8°
TKR/L	3		3.1	0.25	
TKR/L	4		4.1	0.30	

Right-hand

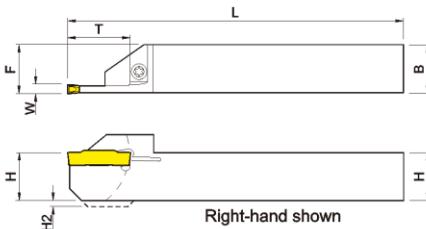
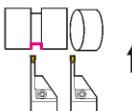
TTER/L



Right-hand shown

Item code	Dimensions,mm						Width W(mm)	Insert	Screw 	Wrench
	H	B	L	F	T	H2				
TTER/L-2020K-2-20L	20	20	125	20.2	20	-	2.0	TDC... TSC../TDJ.. TSJ../TDT..	BX5025	LH40
TTER/L-2525M-2-20L	25	25	150	25.2	20	-	2.0			
TTER/L-2020K-3-20L	20	20	125	20.3	20	-	3.0			
TTER/L-2525M-3-20L	25	25	150	25.3	20	-	3.0			

TTER/L..H

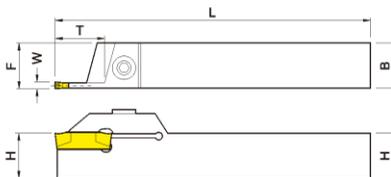
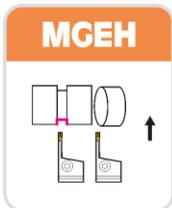
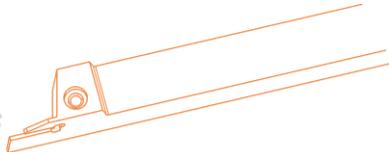


Right-hand shown

Item code	Dimensions,mm						Width W(mm)	Insert	Screw 	Wrench
	H	B	L	F	T	H2				
TTER/L-1010K-2-10LH	10	10	125	10.2	10	2	2.0	TDC... TSC../TDJ.. TSJ../TDT..	BFTX4010	TRX15
TTER/L-1212K-2-12LH	12	12	125	12.2	12	2				
TTER/L-1616K-2-16LH	16	16	125	16.2	16	-				

Description	Insert Shape	Dimensions,mm			
		W	Re	L	K°
TDJ2		2.00	0.2	20.0	--
TDJ3		3.00	0.2	20.0	--
TDJ2-15R		2.00	0.2	20.0	15
TDJ3-15R		3.00	0.2	20.0	15

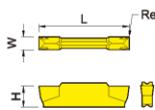
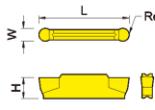
EXTERNAL GROOVING

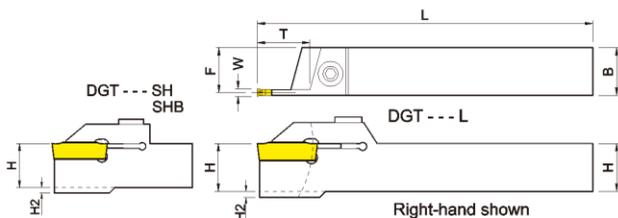
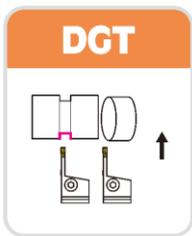


Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw 	Wrench 
	H	B	L	F	T				
MGEHR-1616K-2T16T	16	16	125	16.25	16	2.0	MGMN200G..	BX5020	LH040
MGEHR-2020K-2T20T	20	20	125	20.25	20			BX5025	
MGEHR-2525M-2T20T	25	25	150	25.25	20	3.0	MGMN300G..	BX5020	LH040
MGEHR-1616K-3T20T	16	16	125	16.3	20			BX5025	
MGEHR-2020K-3T20T	20	20	125	20.3	20				
MGEHR-2525M-3T20T	25	25	150	25.3	20				

螺紋及開槽刀
THREADING & GROOVING

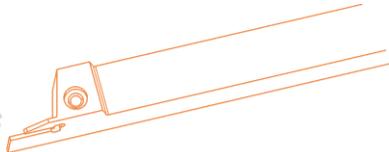
Description	Insert Shape	Dimensions,mm				
		W	Re	L	H	K'
MGMN 200-G		2.0	0.15	16.0	3.5	-
MGMN 300-G		3.0	0.2	21.0	4.8	-
MRMN 200-M		2.0	1.0	16.0	3.5	-
MRMN 300-M		3.0	1.5	21.0	4.8	-



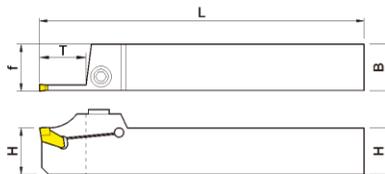
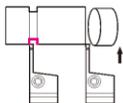
Item code	Dimensions,mm							Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T	H2					
DGTR/L-1212K-2-18L	12	12	125	11.3	18	4	2.0/2.2	DGN20...	BX4020	LH030	
DGTR/L-1616K-2-18L	16	16	125	15.3	18	-		DGN22...	BX5020	LH040	
DGTR/L-2020K-2-18L	20	20	125	19.3	18	-		BX5025			
DGTR/L-2525M-2-18L	25	25	150	24.3	18	-					
DGTR/L-1616K-3-20L	16	16	125	14.8	20	4	3.0/3.1	DGN30...	BX5020	LH040	
DGTR/L-2020K-3-20L	20	20	125	18.8	20	-		DGN31...	BX5025		
DGTR/L-2525M-3-20L	25	25	150	23.8	20	-					
DGTR/L-1010K-2-20SH	10	10	125	9.3	10	4	2.0/2.2	DGN20...	BX4012	LH015	
DGTR/L-1010K-2-24SH	10	10	125	9.3	12	2		DGN22...			
DGTR/L-1212K-2-24SH	12	12	125	11.3	12	4					
DGTR/L-1616K-2-25SH	16	16	125	15.3	13	-					
DGTR/L-1212K-2-24SHB	12	12	125	11.3	12	-					

Description	Insert Shape	Dimensions,mm			
		W	Re	H	K'
DGN 2002C		2.00	0.2	19.7	--
DGN 2202C		2.20	0.2	19.8	--
DGN 3102C		3.10	0.2	20.1	--
DGR 2202C-6D		2.20	0.2	19.5	6
DGR 3102C-8D		3.10	0.2	20.6	8

EXTERNAL GROOVING



GFNR



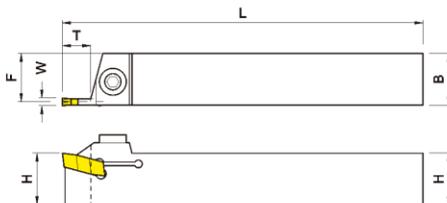
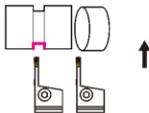
Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
GFNR-1212K-2-20L	12	12	125	12.25	20	2.0	GF□2	BX5020	LH040
GFNR-1616K-2-20L	16	16	125	16.25					
GFNR-2020K-2-20L	20	20	125	20.25					
GFNR-2525M-2-20L	25	25	150	25.25					
GFNR-1616K-3-20L	16	16	125	16.3	20	3.0	GF□3	BX5020	LH040
GFNR-2020K-3-20L	20	20	125	20.3					
GFNR-2525M-3-20L	25	25	150	25.3					

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm	
		W	R
GFN 2		2.2	0.16
GFN 2.4		2.4	0.16
GFN 3		3	0.2

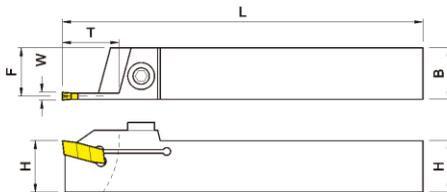
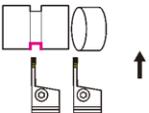
GHD



Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
GHDR-2020K-3-10L	20	20	125	18.8	10	2.8~4	GIP... GIF... GIMF... GIMY...	BX5025	LH040
GHDR-2525M-3-10L	25	25	150	23.8	10				
GHDR/L-2020K-4-10L	20	20	125	18.4	10	4-5			
GHDR/L-2525M-4-10L	25	25	150	23.4	10				
GHDR-2020K-5-12L	20	20	125	17.9	12	5-6.4			
GHDR-2525M-5-12L	25	25	150	22.9	12				

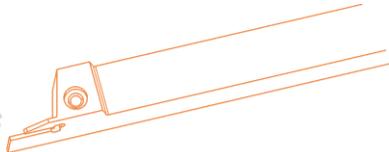
GHG



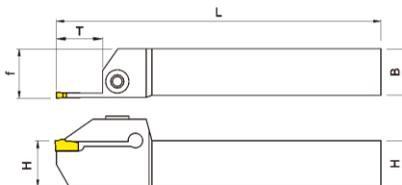
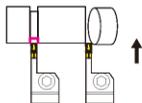
Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
GHGR-2020K-2-20L	20	20	125	19.2	20	2.2~2.4	GIP... GIF... GIMF... GIMY...	BX5025	LH040
GHGR-2525M-2-20L	25	25	150	24.2	20				
GHGR-1616K-3-20L	16	16	125	14.7	20	3-4			
GHGR-2020K-3-20L	20	20	125	18.7	20				
GHGR-2525M-3-20L	25	25	150	23.7	20	4-5		BX5025	
GHGR-2020K-4-20L	20	20	125	18.2	20				
GHGR-2525M-4-20L	25	25	150	23.2	20				
GHGR-2020K-4-25L	20	20	125	18.2	25				
GHGR-2525M-4-25L	25	25	150	23.2	25				

EXTERNAL GROOVING



R/LF151.23



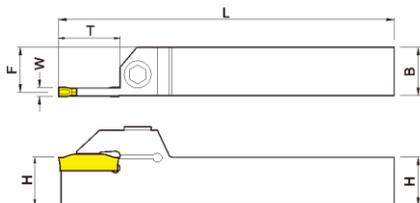
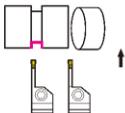
Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T				
R/LF151.23-1616K-20M1	16	16	125	17	15	2.0	N151.2-200-5E	BX5020 BX5025	LH040
R/LF151.23-2020K-20M1	20	20	125	21	21				
R/LF151.23-2525M-20M1	25	25	150	26					
RF151.23-1616K-25T10	16	16	125	17	10	2.5	N151.2-250-5E		
RF151.23-2020K-25T10	20	20	125	21	21				
RF151.23-2525M-25T10	25	25	150	26					
RF151.23-1616K-25M1	16	16	125	17	20	2.5	N151.2-250-5E		
RF151.23-1616K-30T10	16	16	125	17	10				
RF151.23-2020K-30T10	20	20	125	21		3.0	N151.2-300-5E		
RF151.23-2525M-30T10	25	25	150	26					
R/LF151.23-1616K-30M1	16	16	125	17	20	3.0	N151.2-300-5E		
R/LF151.23-2020K-30M1	20	20	125	21					
R/LF151.23-2525M-30M1	25	25	150	26					

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm		
		W	R	K
N151.2-200-5E		2.0	0.2	-
N151.2-250-5E		2.5	0.2	-
N151.2-300-5E		3.0	0.2	-

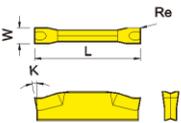
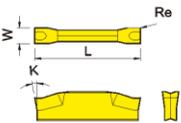
TNP



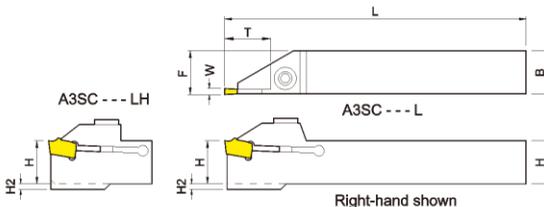
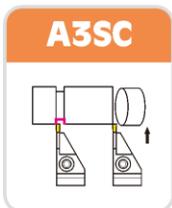
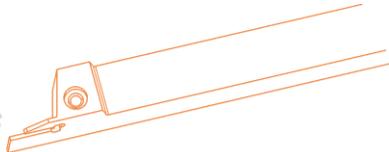
Right-hand shown

Item code	Dimensions,mm					Width W(mm)	Insert	Screw 	Wrench 
	H	B	L	F	T				
TNPR/L-1616K-320T	16	16	125	14.85	20	3.05	TN300..	Bx5025	LH040
TNPR/L-2020K-320T	20	20	125	18.85	20				
TNPR/L-2525M-320T	25	25	150	23.85	20				

TUBING GROOVING 螺紋及开槽刀

Description	Insert Shape 	Dimensions,mm			
		W	Re	L	K'
TN300..		3.05	0.2	20	7

EXTERNAL GROOVING

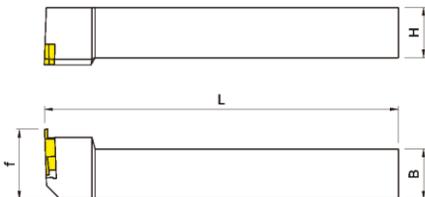
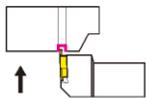


Item code	Dimensions,mm						Width W(mm)	Insert	Screw	Wrench
	H	B	L	F	T	H2				
A3SCR/L-1010K02-10L	10	10	125	10.2	10	4	2.2	A2022..	BX4016	LH030
A3SCR/L-1212K02-10L	12	12	125	12.2		4				
A3SCR/L-1212K02-16L	12	12	125	12.2	16	4	2.2	A2022..	BX5020	LH040
A3SCR/L-1616K02-16L	16	16	125	16.2		--				
A3SCR/L-2020K02-16L	20	20	125	20.2			3.05	A2030..	BX5020	LH040
A3SCR/L-2525M02-16L	25	25	150	25.2						
A3SCR-1616K03-16L	16	16	125	16.2	16	--	3.05	A2030..	BX5020	LH040
A3SCR-2020K03-16L	20	20	125	20.2						
A3SCR/L-2525M03-16L	25	25	150	25.2			3.05	A2030..	BX5020	LH040
A3SCR-2020K03-22L	20	20	125	20.2	22					
A3SCR-2525M03-22L	25	25	150	25.2		26	3.05	A2030..	BX5020	LH040
A3SCR/L-2020K03-26L	20	20	125	20.2						
A3SCR/L-2525M03-26L	25	25	150	25.2			3.05	A2030..	BX5020	LH040
A3SCR/L-1010K02-10LH	10	10	125	10.2	10	2				
A3SCR/L-1212K02-10LH	12	12	125	12.2		--	2.2	A2022..	BX4016	LH030
A3SCR/L-1212K02-16LH	12	12	125	12.2	16	3				
A3SCR/L-1616K02-16LH	16	16	125	16.2		--	2.2	A2022..	BX5020	LH040
A3SCR/L-2020K02-16LH	20	20	125	20.2						
A3SCR/L-2525M02-16LH	25	25	150	25.2			3.05	A2030..	BX5020	LH040
A3SCR/L-1212K03-16LH	12	12	125	12.2	16	3				
A3SCR/L-1616K03-16LH	16	16	125	16.2		--	3.05	A2030..	BX5020	LH040
A3SCR/L-2020K03-16LH	20	20	125	20.2						
A3SCR/L-2525M03-16LH	25	25	150	25.2			3.05	A2030..	BX5020	LH040
A3SCL-2020K03-20LH	20	20	125	20.2	20	--				

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm		
		W	R	K
A2022N00CR02		2.2	0.2	--
A2030N00CF02		3.05	0.2	--

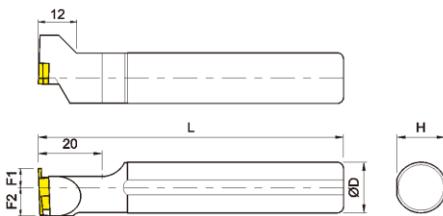
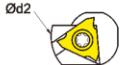
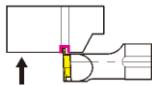
KTGFS



Left-hand shown

Item code	Dimensions,mm						Insert	Screw 	Wrench
	H	B	L	H1	f				
KTGFSL-1616K-16	16	16	125	16	22	TGF32R..	BFTX4008	TRX15	
KTGFSL-2020K-16	20	20	125	20	26				

KTGF



Left-hand shown

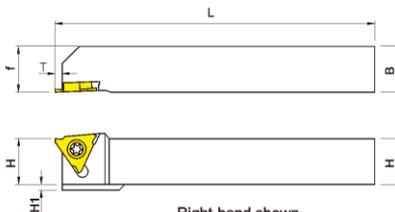
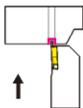
Item code	Dimensions,mm					Insert	Screw 	Wrench
	D	L	H	F1	F2			
S16H-KTGF-16	16	100	15	6	9	TGF32R..	BFTX4008	TRX15

Description	Insert Shape	Dimensions,mm				
		W ^{+0.05} ₋₀	A	lc	s	C
TGF32R 033		0.33	0.8	9.525	3.18	C0.05
TGF32R 050		0.50	1.2			
TGF32R 075		0.75	2.0			
TGF32R 095		0.95	2.0			
TGF32R 100		1.00	2.0			
TGF32R 125		1.25	2.0			
TGF32R 145		1.45	2.0			
TGF32R 150		1.50	2.0			
TGF32R 175		1.75	2.0			
TGF32R 200		2.00	2.5			
TGF32R 250		2.50	2.5			

EXTERNAL GROOVING



KTGF_F

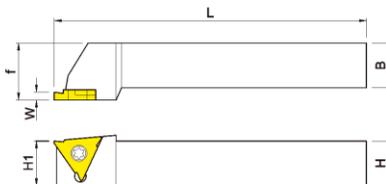
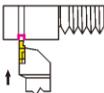


Right-hand shown

Item code	Dimensions,mm						Insert	Screw	Wrench
	H	B	L	H1	f	T			
KTGFR/L-1010K-16F	10	10	125	4	10	2.5	TGF32RL...	BFTX4008	TRX15
KTGFR-1012K-16F	10	12	125	2	12			BFTX4010	
KTGFR/L-1212K-16F	12	12	125	2	12				
KTGFR/L-1616K-16F	16	16	125	-	16				
KTGFR-2020K-16F	20	20	125	-	20				

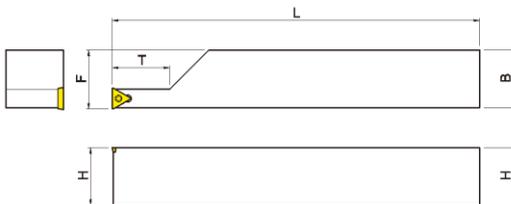
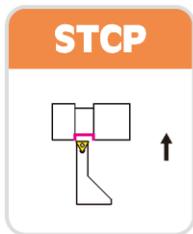
螺紋及開槽刀
THREADING & GROOVING

KTGF



Right-hand shown

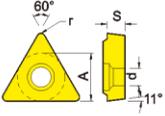
Item code	Dimensions,mm					Insert	Screw	Wrench
	H	B	L	H1	f			
KTGFR/L-1616K-16	16	16	125	16	20	TGF32RL...	BFTX4010	TRX15
KTGFR/L-2020K-16	20	20	125	20	25			
KTGFR/L-2525M-16	25	25	150	25	32			



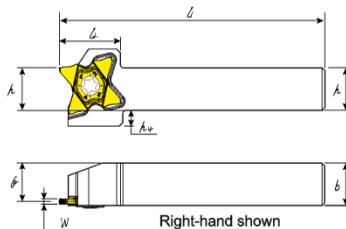
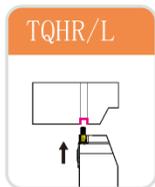
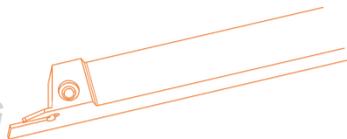
Right-hand shown

螺旋紋及開槽刀
 SPIRAL GROOVING

Item code	Dimensions,mm					Insert	Screw 	Wrench 
	H	B	L	F	T			
STCPR/L-2525M-09	25	25	150	25.5	25	TPMT090204	BFTX2506	TRX08

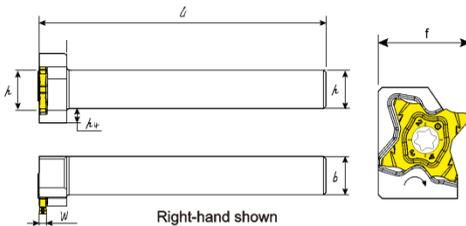
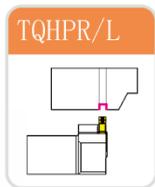
Description	Insert Shape 	Dimensions,mm			
		A	s	d	r
TPMT090204		5.56	2.38	2.9	0.4

EXTERNAL GROOVING



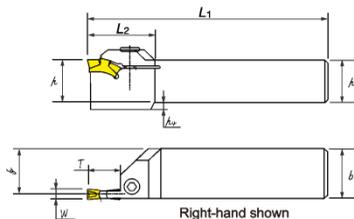
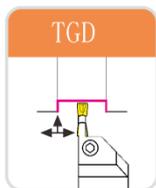
Item code	Dimensions,mm							Screw	Wrench
	h	b	w	f	l1	l2	h4		
TQHR/L 10-27	10	10	0.7 倍 W + 7.5	0.7	120	40	7	BFTX5012	TRX20
TQHR/L 12-27	12	12	0.7 倍 W + 7.5	0.7	120	40	8		
TQHR/L 16-27	16	16	0.7 倍 W + 7.5	0.7	120	40	6		
TQHR/L 20-27	20	20	0.7 倍 W + 7.5	0.7	120	40	4		
TQHR/L 25-27	25	25	0.7 倍 W + 7.5	0.7	120	-	-		

螺紋 & 开槽刀
THREADING & GROOVING

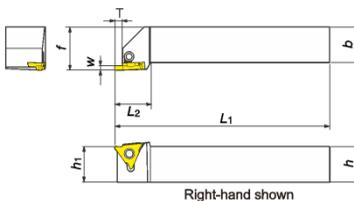
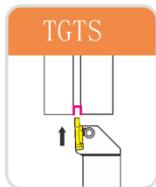


Item code	Dimensions,mm							Screw	Wrench
	h	b	w	f	l1	h4			
TQHR/L 16-27	16	16	0.7 倍 W + 7.5	40	120	6	BFTX5012	TRX20	
TQHR/L 20-27	20	20	0.7 倍 W + 7.5	20	120	2			
TQHR/L 25-27	25	25	0.7 倍 W + 7.5	55	120	-			

EATH TOOLS[®] EXTERNAL GROOVING

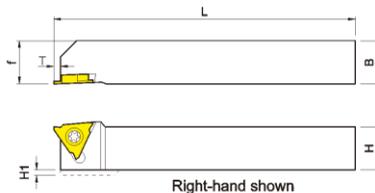
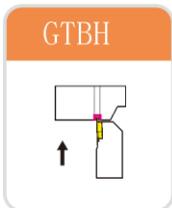
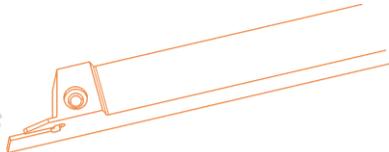


Item code	Dimensions,mm								Screw	Wrench
	W	T	h	b	L ₁	L ₂	f	h ₁		
TGDR/L 1616-3M	9.00	7.70	14.0	14.0	100.00	50.7	14.7	4.0	BX5016	LH040
TGDR/L 2020-3M	9.00	7.70	40.0	40.0	140.00	50.7	10.7	-		
TGDR/L 4040-3M	9.00	7.70	40.0	40.0	140.00	50.7	41.7	-		
TGDR/L 1616-4M	4.00	7.00	14.0	14.0	100.00	34.4	14.4	4.0		
TGDR/L 2020-4M	4.00	7.00	40.0	40.0	140.00	34.4	10.4	4.0	BX5020	LH040
TGDR/L 4040-4M	4.00	7.00	40.0	40.0	140.00	34.4	41.4	-		
TGDR/L 1616-5M	7.00	10.00	40.0	40.0	140.00	37.0	44.7	-	BX5025	LH040
TGDR/L 2020-5M	7.00	10.00	40.0	40.0	140.00	37.0	44.7	-	Bx6025	Lh050
TGDR/L 4040-5M	7.00	10.00	40.0	40.0	140.00	37.0	44.7	-		
TGDR/L 2020-6M	4.00	10.00	40.0	40.0	140.00	37.0	47.7	-		



Item code	Dimensions,mm								Insert
	W	L ₁	L ₂	h ₁	f	h	b	T	
TGTSR/L2020K16	0.33 - 2.5	125	25	20	25	20	20	2.8	GBR/L32□□□
TGTSR/L2525M16	0.33 - 2.5	150	25	25	30	25	25	2.8	GBR/L32□□□
TGTSR/L2020K22-1	1.0 - 1.45	125	25	20	25	20	20	2.5	GBR/L43125 ~ 145 GBR/L43050R
TGTSR/L2050K22-2	1.5 - 2.3	125	25	20	25	20	20	4.1	GBR/L43150 ~ 230 GBR/L43075R ~ 100R
TGTSR/L2020K22-3	2.5 - 4.5	125	25	20	25	20	20	5.4	GBR/L43250 ~ 450 GBR/L43125R ~ 200R
TGTSR/L2525M22-1	1.25 - 1.45	150	25	25	30	25	25	2.5	GBR/L43125 ~ 145 GBR/L43050R
TGTSR/L2525M22-2	1.5 - 2.3	150	25	25	30	25	25	4.1	GBR/L43150 ~ 230 GBR/L43075R ~ 100R
TGTSR/L2525M22-3	2.5 - 4.5	150	25	25	30	25	25	5.4	GBR/L43250 ~ 450 GBR/L43125R ~ 200R

EXTERNAL GROOVING

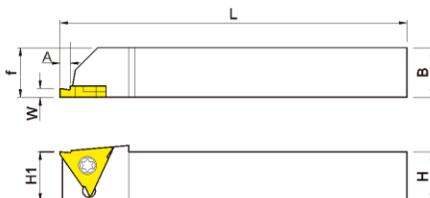
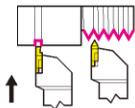


Item code	Dimensions,mm						Insert	Screw	Wrench
	H	B	L	H1	f	T			
GTBHR/L-1010K-30	10	10	125	4	10	3	GTBT... GTCT...	BFTX4008	TRX15
GTBHR/L-1212K-30	12	12	125	2	12	3			
GTBHR/L-1616K-30	16	16	125	-	16				

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm				
		W ^{+0.05 -0}	A	Re	lc	s
GTBT 14530V5R-U	<p>Right-hand</p>	1.45	3.0	0.05	9.525	3.18
GTBT 14530V5L-U		1.5				
GTBT 15030V5R-U		1.75				
GTBT 15030V5L-U		2.0				
GTBT 17530V5R-U		2.5				
GTBT 17530V5L-U		3.0				
GTBT 20030V5R-U						
GTBT 20030V5L-U						
GTCT 25030V5R-U						
GTCT 25030V5L-U						
GTCT 30030V5R-E						
GTCT 30030V5L-E						

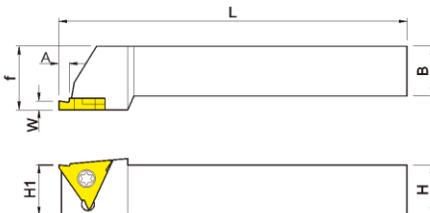
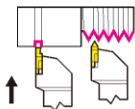
SGH2



Right-hand shown

Item code	Dimensions,mm					Insert		Screw 	Wrench 
	H	B	L	H1	f	開槽刀片 SMGTR	車牙刀片 SMTTR		
SGH2R-1212K-16	12	12	125	12	12	SMGTR 16X2 $\circ\circ\circ$ 16X2 $\circ\circ\circ$ C	SMTTR 160360 $\circ\circ$	BFTX4008	TRX15
SGH2R-1616K-16	16	16	125	16	16				
SGH2R-2020K-16	20	20	125	20	20				

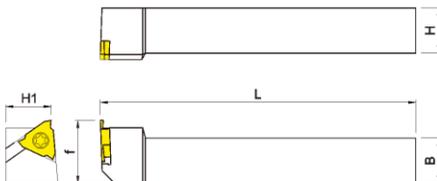
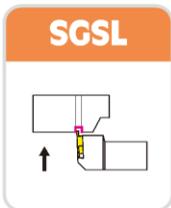
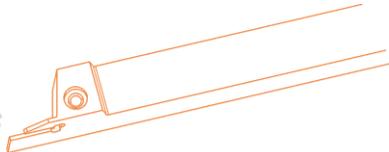
SGH



Right-hand shown

Item code	Dimensions,mm					Insert		Screw 	Wrench 
	H	B	L	H1	f	開槽刀片 SMGTR	車牙刀片 SMTTR		
SGHR-1212K-16	12	12	125	12	16	SMGTR 16X2 $\circ\circ\circ$ 16X2 $\circ\circ\circ$ C	SMTTR 160360 $\circ\circ$	BFTX4008	TRX15
SGHR-1616K-16	16	16	125	16	20				
SGHR-2020K-16	20	20	125	20	25				
SGHR-2525M-16	25	25	150	25	32				

EXTERNAL GROOVING



Left-hand shown

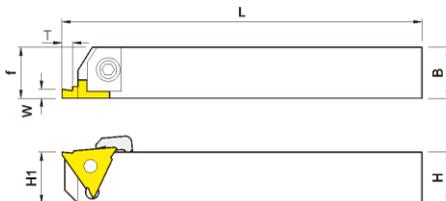
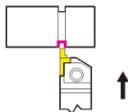
Item code	Dimensions,mm					Insert		Screw	Wrench
	H	B	L	H1	f	開槽刀片	車牙刀片		
SGSL-1616K-16	16	16	125	16	20	SMGTR 16X2.000 16X2.000C	SMTTR 160360.00	BFTX4008	TRX15
SGSL-2020K-16	20	20	125	20	25				

螺紋及開槽刀
THREADING & GROOVING

Description	Insert Shape	Dimensions,mm				
		W ^{+0.05} ₋₀	A	lc	s	C
SMGTR16X2030	<p>Right-hand</p>	0.30	1.0	9.525	2.0	0.05
SMGTR16X2040		0.40	1.0			
SMGTR16X2050		0.50	1.5			
SMGTR16X2060		0.60	1.5			
SMGTR16X2070		0.70	2.0			
SMGTR16X2050C		0.50	1.5			
SMGTR16X2060C		0.60	1.5			
SMGTR16X2070C		0.70	2.0			
SMGTR16X2075C		0.75	2.0			
SMGTR16X2080C		0.80	2.0			
SMGTR16X2090C		0.90	2.0			
SMGTR16X2095C		0.95	2.0			
SMGTR16X2100C		1.00	2.5			
SMGTR16X2110C		1.10	2.5			
SMGTR16X2120C		1.20	2.5			
SMGTR16X2130C		1.30	2.5			

Description	Insert Shape	Dimensions,mm			
		lc	s	r	牙距
SMTTR160360V5	<p>Right-hand</p>	9.525	3.18	0.05	-0.8
SMTTR 16036001				0.10	1.0,1.25,1.5
SMTTR 16036002				0.20	1.75,2.0

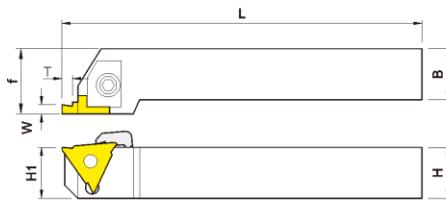
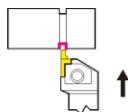
WGH



Right-hand shown

Item code	Dimensions,mm							Insert	Clamp	Screw	Wrench	
	H	B	L	H1	f	T	W					
WGHR/L-2020K-3315	20	20	125	20	20	3	1.5-2.3	MGTR/L	33150 33470	MTK1R/L	BH0622	LH040
WGHR/L-2020K-3323							2.3-3.3					
WGHL-2020K-3333							3.3-4.7					
WGHL-2525M-3315	25	25	150	25	25	3	1.5-2.3	MGTR/L	33150 33470	MTK1R/L	BH0622	LH040
WGHL-2525M-3323							2.3-3.3					
WGHL-2525M-3333							3.3-4.7					
WGHR/L-1616K-4315	16	16	125	16	16	3	1.5-2.3	MGTR/L	43150 43470	MTK1R/L	BH0622	LH040
WGHR/L-1616K-4323							4.5 2.3-3.3					
WGHR/L-2020K-4315	20	20	125	20	20	3	1.5-2.3					
WGHR/L-2020K-4323							4.5 2.3-3.3	MGTR/L	43150 43470	MTK1R/L	BH0622	LH040
WGHR/L-2020K-4333							3.3-4.7					
WGHR/L-2525M-4315	25	25	150	25	25	3	1.5-2.3					
WGHR/L-2525M-4323							4.5 2.3-3.3					

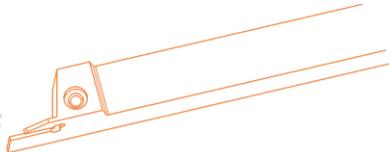
WG1



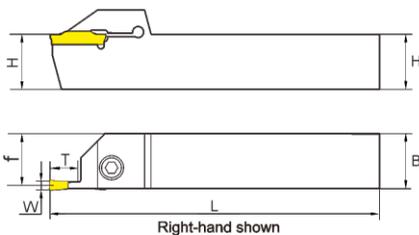
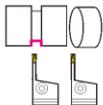
Right-hand shown

Item code	Dimensions,mm							Insert	Clamp	Screw	Wrench	
	H	B	L	H1	f	T	W					
WG1R-1616K-3315	16	16	125	16	20	3	1.5-2.3	MGTR	33150 33470	MTK1R	BH0622	LH040
WG1R-1616K-3323							2.3-3.3					
WG1R-1616K-3333							3.3-4.7					
WG1R-2020K-3315	20	20	125	20	25	3	1.5-2.3	MGTR	33150 33470	MTK1R	BH0622	LH040
WG1R-2020K-3323							2.3-3.3					
WG1R-2020K-3333							3.3-4.7					
WG1R-2525M-3315	25	25	150	25	32	3	1.5-2.3	MGTR	33150 33470	MTK1R	BH0622	LH040
WG1R-2525M-3323							2.3-3.3					
WG1R-2525M-3333							3.3-4.7					
WG1R/L-1616K-4315	16	16	125	16	20	3	1.5-2.3	MGTR/L	43150 43470	MTK1R/L	BH0622	LH040
WG1R/L-1616K-4323							4.5 2.3-3.3					
WG1R/L-1616K-4333							4.5 3.3-4.7					
WG1R/L-2020K-4315	20	20	125	20	25	3	1.5-2.3	MGTR/L	43150 43470	MTK1R/L	BH0622	LH040
WG1R/L-2020K-4323							4.5 2.3-3.3					
WG1R/L-2020K-4333							3.3-4.7					
WG1R/L-2525M-4315	25	25	150	25	32	3	1.5-2.3	MGTR/L	43150 43470	MTK1R/L	BH0622	LH040
WG1R/L-2525M-4323							4.5 2.3-3.3					
WG1R/L-2525M-4333							3.3-4.7					

EXTERNAL GROOVING



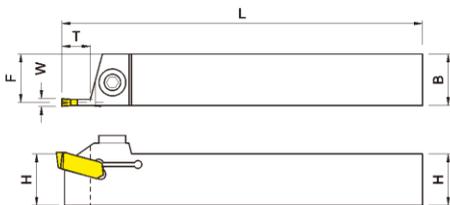
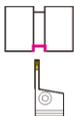
小松鼠系列



Item code	Dimensions,mm					Insert	Screw	Wrench	
	H×B	L	f	W	T				
QEED	1616R/L10	16 × 16	125	15	2.5	10	ZQED025□□	BX5016	LH040
	1616R/L17	16 × 16	125	15	2.5	17	ZQED025□□		
	2020R/L10	20 × 20	125	19	2.5	10	ZQED025□□	BX6020	LH050
	2020R/L17	20 × 20	125	19	2.5	17	ZQED025□□		
	2525R/L10	25 × 25	150	24	2.5	10	ZQED025□□		
2525R/L17	25 × 25	150	24	2.5	17	ZQED025□□			
QEFD	1616R/L10	16 × 16	125	14.8	3	10	ZQFD03□□	BX5016	LH040
	1616R/L17	16 × 16	125	14.8	3	17	ZQFD03□□		
	2020R/L10	20 × 20	125	18.8	3	10	ZQFD03□□	BX6020	LH050
	2020R/L17	20 × 20	125	18.8	3	17	ZQFD03□□		
	2525R/L10	25 × 25	150	23.8	3	10	ZQFD03□□		
2525R/L17	25 × 25	150	23.8	3	17	ZQFD03□□			
QEGD	2020R/L13	20 × 20	140	18.5	4	13	ZQGD04□□	BX6020	LH050
	2020R/L22	20 × 20	140	18.5	4	22	ZQGD04□□		
	2525R/L13	25 × 25	150	23.5	4	13	ZQGD04□□		
	2525R/L22	25 × 25	150	23.5	4	22	ZQGD04□□		
	3232R/L13	32 × 32	170	30.5	4	13	ZQGD04□□		
3232R/L22	32 × 32	170	30.5	4	22	ZQGD04□□			
QEHD	2525R/L13	25 × 25	150	23	5	13	ZQHD05□□	BX6020	LH050
	2525R/L22	25 × 25	150	23	5	22	ZQHD05□□		
QEHS	2525N30	25 × 25	150	12.5	5	30	ZQHS05□□	BX6020	LH050
QEHD	3232R/L13	32 × 32	170	30	5	13	ZQHD05□□		
QEHD	3232R/L22	32 × 32	170	30	5	22	ZQHD05□□		
QEHS	3232N30	32 × 32	170	16	5	30	ZQHS05□□	BX6020	LH050
QEKD	2525R/L13	25 × 25	150	22.6	6	13	ZQKD06□□		
QEKD	2525R/L22	25 × 25	150	22.6	6	22	ZQKD06□□	BX6020	LH050
QEKS	2525N30	25 × 25	150	12.5	6	30	ZQKS06□□		
QEKD	3232R/L13	32 × 32	170	29.6	6	13	ZQKD06□□	BX6020	LH050
QEKD	3232R/L22	32 × 32	170	29.6	6	22	ZQKD06□□		
QEKS	3232N30	32 × 32	170	16	6	30	ZQKS06□□		

螺紋及開槽刀
THREADING & GROOVING

小松鼠系列

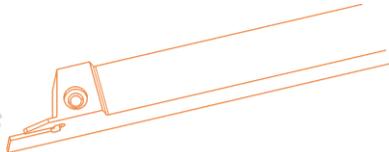


Right-hand shown

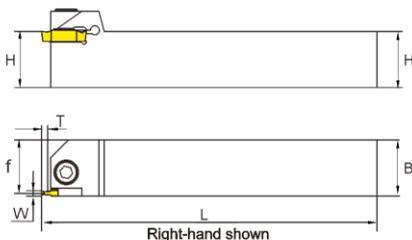
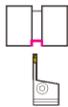
開槽及螺紋刀
 TURNING & GROOVING

Item code	Dimensions,mm					Insert	Screw 	Wrench 
	H×B	L	F	W	T			
QEFS	2525R/L12-3N	25 × 25	150	25.3	3	12	BX6022	LH050
	3232R/L22-3N	32 × 32	170	32.3	3	22		
QEGS	2525R/L12-4N	25 × 25	150	25.3	4	12		
	3232R/L22-4N	32 × 32	170	32.3	4	22		
QEHS	2525R/L12-5N	25 × 25	150	25.4	5	12		
	3232R/L22-5N	32 × 32	170	32.4	5	22		
QEKS	2525R/L12-6N	25 × 25	150	25.4	6	12		
	3232R/L22-6N	32 × 32	170	32.4	6	22		

EXTERNAL GROOVING



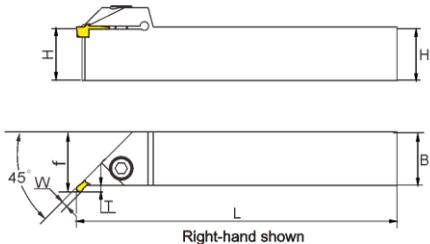
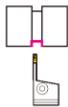
小松鼠系列



Item code	Dimensions,mm					Insert	Screw	Wrench
	H×B	L	f	W	T			
QECD 1616R/L025	16×16	125	14.75	-	2.5	ZTCDD□□□□-EG	BX5010	LH040
2020R/L025	20×20	125	18.75					
2525R/L025	25×25	150	23.75					

螺紋及開槽刀
THREADING & GROOVING

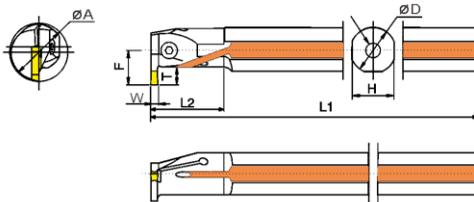
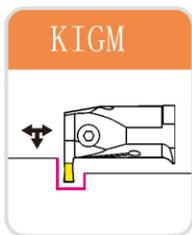
小松鼠系列



Item code	Dimensions,mm					Insert	Screw	Wrench	
	H×B	L	f	W	T				
QXFD	2020R/L03-45	20×20	125	23	3.0	3.0	ZR(T)FD03-EG ZR(T)FD03-MG	BX6012	LH050
	2525R/L03-45	25×25	150	28					
	3232R/L03-45	32×32	170	35					
QXGD	2020R/L03-45	20×20	125	23	4.0	3.0	ZR(T)GD04-EG ZR(T)GD04-MG	BX6012	LH050
	2525R/L03-45	25×25	150	28					
	3232R/L03-45	32×32	170	35					
QXHD	2020R/L04-45	20×20	125	24	5.0	4.0	ZR(T)HD05-EG ZR(T)HD05-MG	BX6012	LH050
	2525R/L04-45	25×25	150	29					
	3232R/L04-45	32×32	170	36					
QXKD	2020R/L04-45	20×20	125	24	6.0	4.0	ZR(T)KD06-EG ZR(T)KD06-MG	BX6012	LH050
	2525R/L04-45	25×25	150	29					
	3232R/L04-45	32×32	170	36					

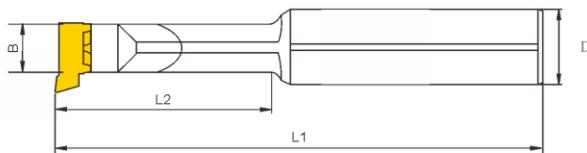
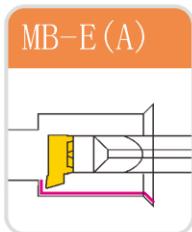
内徑開槽

TOOL HOLDERS



Right-hand shown

Item code	Dimensions,mm								Insert	Screw	Wrench	
	$\varnothing A$	$\varnothing D$	H	L_1	L_2	F	T	W_{min}				W_{max}
KIGMR/L 2016B-3V	20	16	15	150	25	11.5	5.5	3.0	3.0	GMM3015-04V GMM3015-15VR	BFTX4008	TRX15
KIGMR/L 2520B-3V	25	20	18	180	32	14.5	6.0					
KIGMR/L 3525B-3V	32	25	23	200	40	19	8.0	4.0	5.0	GMM4020-04V GMM5020-08V GMM4020-20VR GMM5020-25VR	BFTX5010	TRX20
KIGMR/L 3525B-4V	32	25	23	200	40	19	8.5					
KIGMR/L 4032B-4V	40	32	29	220	50	23.5	11.0					



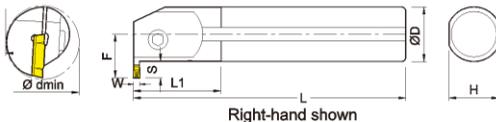
Right-hand shown

Item code	Dimensions,mm				Insert	Screw	Wrench
	$\varnothing D$	B	L_1	L_2			
MB-E12-24-07R	12	7.4	92	24	MB-07..	BFTX3008	TRX10
MB-E12-32-07R	12	7.4	100	32			
MB-E12-48-07R	12	7.4	115	48			
MB-A16-16-07R	16	7.4	97	16	MB-09..	BFTX4010	TRX15
MB-E12-34-09R	12	9.5	100	34			
MB-E12-45-09R	12	9.5	110	45			
MB-E12-64-09R	12	9.5	130	64			
MB-A16-20-09R	16	9.5	100	20			
MB-E16-30-09R	16	9.5	100	34			
MB-E16-45-09R	16	9.5	110	45			
MB-E16-64-09R	16	9.5	130	64			

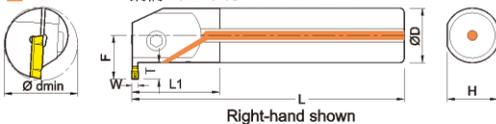
INTERNAL GROOVING



■ DGIR-.... 鋼柄 Steel shank



■ DGIR-A.... 鋼柄+中心水孔 Steel shank+coolant hole

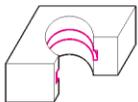
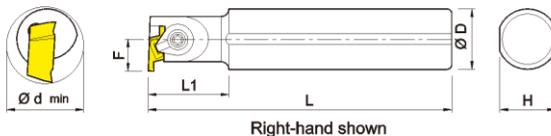
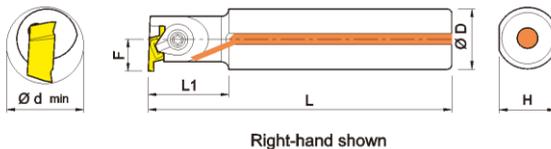


Item code	Dimensions,mm							Insert	Screw	Wrench
	D	L	L1	F	dmin	T	W			
DGIR/L-0020Q-3M-6.5L	20	180	40	16.5	31	6.5	3	DGM30CT	BX5016 BX5020	LH040
DGIR/L-0025R-3M-7.5L	25	200	40	20	37	7.5				
DGIR-0032S-3M-9.0L	32	250	48	25	46	9.0				
DGIR/L-0020Q-4M-6.5L	20	180	40	16.5	31	6.5	4	DGM40CT		
DGIR/L-0025R-4M-7.5L	25	200	40	20	37	7.5				
DGIR/L-0032S-4M-9.0L	32	250	48	25	46	9.0				
DGIR-0032S-5-17.5L	32	250	48	33.5	55	17.5	5	DGM50CT	BX5025	
DGIR-0040S-5-20L	40	250	48	40	65	20				
DGIR-A0020Q-3M-6.5L	20	180	40	16.5	31	6.5	3	DGM30CT	BX5016 BX5020	
DGIR-A0032S-3M-9.0L	32	250	48	25	46	9.0				

Description	Insert Shape	Dimensions,mm			
		W	L	H	Re
DGM 30CT		3	20	5	0.4
DGM 40CT		4	20	5	0.4
DGM 50CT		5	25	6	0.4
DGJ 30CE		3	25	5	0.2
DGJ 40CE		4	25	6	0.2

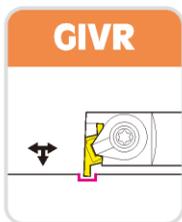
螺紋及開槽刀
THREADING & GROOVING

GIVR

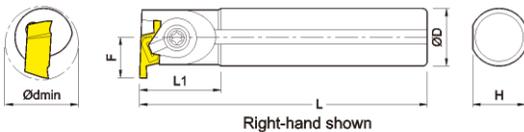

■ GIVR-... 鋼柄 Steel shank

■ GIVR-A-... 鋼柄+中心水孔 Steel shank+coolant hole


Item code	Dimensions,mm					Insert		Clamp	Wrench
	D	L	L1	F	dmin				
GIVR-1116L-1SS	16	140	20	7	11	GVR _{○○○} SS	GVR100SS-300SS	CPS4V	TRX10
GIVR-1316L-1S	16	140	25	8	13	GVR _{○○○} S	GVR100S-340S	CPS5F-1	TRX15
GIVR-1516L-1A	16	140	30	9	15	GVR _{○○○} A	GVR100A-340A	CPS5F	TRX15
GIVR-A1116L-1SS	16	140	20	7	11	GVR _{○○○} SS	GVR100SS-300SS	CPS4V	TRX10
GIVR-A1316L-1S	16	140	25	8	13	GVR _{○○○} S	GVR100S-340S	CPS5F-1	TRX15
GIVR-A1516L-1A	16	140	30	9	15	GVR _{○○○} A	GVR100A-340A	CPS5F	TRX15

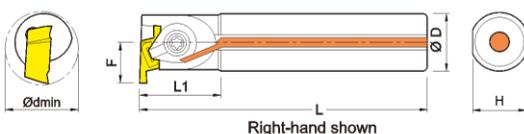
INTERNAL GROOVING



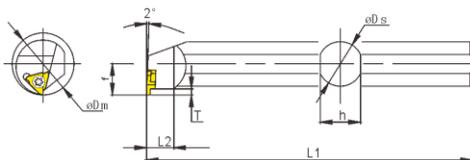
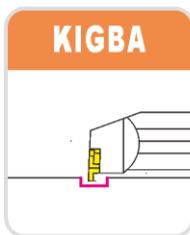
■ GVR-... 鋼柄 Steel shank



■ GVR-A... 鋼柄+中心水孔 Steel shank+coolant hole



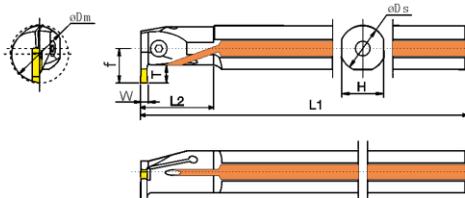
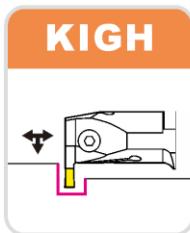
Item code	Dimensions,mm					Insert		Clamp	Wrench
	D	L	L1	F	dmin				
GVR-1108K-1SS	8	125	20	7	11	GVR _{○○○} SS	GVR100SS~300SS	CPS4V	TRX10
GVR-1310K-1S	10	125	25	8	13	GVR _{○○○} S	GVR100S~340S	CPS5F-1	TRX15
GVR-1512M-1A	12	150	30	9	15	GVR _{○○○} A	GVR100A~340A	CPS5F	
GVR-2016Q-1A	16	180	35	11	20	GVR _{○○○} A	GVR100A~340A	CPS5V	
GVR-2520R-1B	20	200	40	14	25	GVR _{○○○} B	GVR145B~400B	CPS5V	
GVR-3225R-1C	25	200	40	19.5	32	GVR _{○○○} C	GVR280C~500C	CPS6V	LH030
GVR-3225S-1C	25	250	40	19.5	32				
GVR-4032S-2C	32	250	48	23	40				
GVR-A1108K-1SS	8	125	20	7	11	GVR _{○○○} SS	GVR100SS~300SS	CPS4V	TRX10
GVR-A1310K-1S	10	125	25	8	13	GVR _{○○○} S	GVR100S~340S	CPS5F-1	TRX15
GVR-A1512M-1A	12	150	30	9	15	GVR _{○○○} A	GVR100A~340A	CPS5F	
GVR-A2016Q-1A	16	180	35	11	20	GVR _{○○○} A	GVR100A~340A	CPS5V	
GVR-A2520R-1B	20	200	40	14	25	GVR _{○○○} B	GVR145B~400B	CPS5V	
GVR-A3225R-1C	25	200	40	19.5	32	GVR _{○○○} C	GVR280C~500C	CPS6V	LH030
GVR-A4032S-2C	32	250	48	23	40				



Right-hand shown

Item code	Dimensions,mm							Insert	Screw	Wrench
	ϕD_s	h	L_1	f	L_2	Tmax	ϕD_m			
KIGBAR/L 3525-16	25	23	220	175	30	2.8	35	GBA32	BFTX6025	TRX20
KIGBAR/L 4032-22	32	30	250	230	30	3.0	40	GBA43	BFTX6025	TRX20

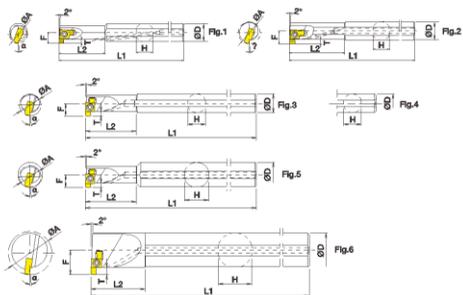
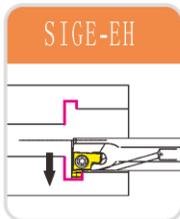
溝紋及开槽刀



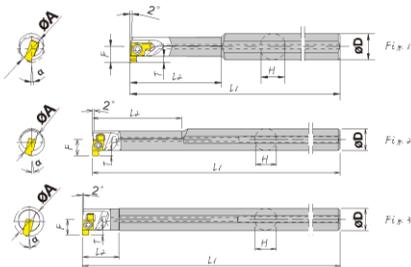
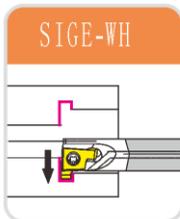
Right-hand shown

Item code	Dimensions,mm								Insert	Screw	Wrench
	ϕD_s	h	L_1	f	L_2	T	W	ϕD_m			
KIGHR/L 4532B-4	32	30	200	282	27	12	4	45	GH 4020-□□	BX6025	LH050
KIGHR/L 5540B-4	40	38	250	322	27	12	4	55			
KIGHR/L 6550B-4	50	48	300	372	27	12	4	65			
KIGHR/L 4532B-5	32	30	200	282	27	12	5	45			
KIGHR/L 5540B-5	40	38	250	322	27	12	5	55			
KIGHR/L 6550B-5	50	48	300	372	27	12	5	65			
KIGHR/L 5540B-7	40	38	250	322	27	12	7	55			
KIGHR/L 6550B-7	50	48	300	372	27	12	7	65			

INTERNAL GROOVING

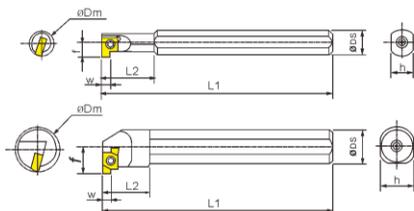


Item code	Dimensions,mm								Fig	Screw	Wrench	Insert
	ϕA	ϕD	H	L1	L2	F	T	ϕd				
SIGER/L 0808A-EH	8	8	7.2	100	20	4.8	1.5	3	Fig.1	BFTX2004	TRX06	GER/L100-005A-GER/L300-010A GER100-050AR-GER200-100AR
SIGER/L 1010B-EH	10	10	9	125	25	6.2		3	Fig.1	BFTX2205	TRX06	GER/L100-005B-GER/L300-020B GER100-050BR-GER200-100BR
SIGER/L 1210B-EH	12	10	9	125	30	7	2.2	3	Fig.2			
SIGER/L 1412C-EH	14	12	11.4	150	33	8		4	Fig.3	BFTX2507	TRX08	GER/L100-005C-GER/L350-020C GER150-010CM-GER350-020CM GER200-100CP-GER300-150CP
SIGER/L 1612C-EH	16	12	11.4	150	20	8.5	2.5	4	Fig.4			
SIGER/L 1616C-EH	16	16	15	160	36	9		5	Fig.5	BFTX3008	TRX10	GER/L100-005D-GER/L400-020D GER150-010DM-GER400-020DM GER200-100DP-GER300-150DP
SIGER/L 2020D-EH	20	20	19	180	40	12.1	4.5	5	Fig.5			
SIGER/L 2525E-EH	25	25	24	200	45	15.6		5	Fig.6	BFTX4008	TRX15	GER/L100-005E-GER/L500-020E GER150-010EM-GER500-020EM
SIGER/L 3232E-EH	32	32	30.4	220	55	19	6.5					
SIGER/L 4032E-EH	40	32	30.4	250	45	23						



Item code	Dimensions,mm								Fig	Screw	Wrench	Insert
	ϕA	ϕD	H	L1	L2	F	T	ϕd				
SIGER/L 0808A-WH	8	8	7.2	145	20	4.8	1.5	3	Fig.1	BFTX2004	TRX06	GER/L100-005A-GER/L200-010A GER100-050AR-GER200-100AR
SIGER/L 1010B-WH	10	10	9	145	35	6.2		3		BFTX2205	TRX06	GER/L100-005B-GER/L300-020B GER100-050BR-GER200-100BR
SIGER/L 1210B-WH	12	10	9	140	45	7		4	Fig.2	BFTX2205	TRX06	GER/L100-005B-GER/L300-020B GER100-050BR-GER200-100BR
SIGER/L 1412C-WH	14	12	11.4	150	1.0	8.7						
SIGER/L 1612C-WH	16	14	11.4	170	20	8.5		4	Fig.3	BFTX2507	TRX08	GER/L100-005C-GER/L350-020C GER150-010CM-GER350-020CM GER200-100CP-GER300-150CP
SIGER/L 1616C-WH	16	16	15	170	20	8.5						

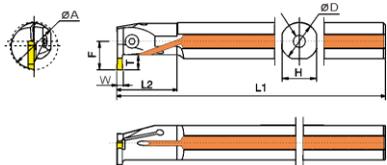
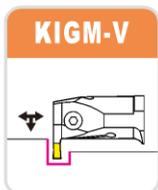
螺紋及开槽刀
THREADING & GROOVING



Right-hand shown

鑽攻及開槽刀
 DRILLING & GROOVING
 TOOLS

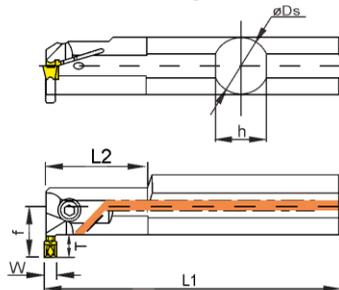
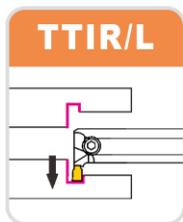
Item code	Dimensions,mm								Insert	Screw	Wrench
	ϕD_s	h	L_1	f	L_2	T	ϕD_m	W			
SNGR/L08H06	8	7	100	4.7	18	1.5	8	2	6GR/L□□□	BFTX2004	TRX06
SNGR/L08H07				5.8	23		12				
SNGR/L10K07	10	9	125	6.8	29	2	10	3.5	7GR/L□□□	BFTX2004	ETF06
SNGR/L10K08				7.6	15		14		8GR/L□□□	BFTX2206	
SNGR/L12M08	12	11	150	8.6	18	3	16	3.5	9GR/L□□□	BFTX2508	TRX08
SNGR/L16Q09	16	15	180	11.6	20		20				
SNGR/L20R09	20	18	200	13.6	25	1.5	24	2	6GR/L□□□	BFTX2004	TRX06
SNGR/L08K06SC	8	7	125	4.7	28		8				
SNGR/L08K07SC	10	9	150	5.8	35	2	12	3.5	7GR/L□□□	BFTX2206	TRX06
SNGR/L10M07SC				6.8	45		14		8GR/L□□□	BFTX2206	
SNGR/L10M08SC	10			7.6			16		9GR/L□□□	BFTX2508	TRX08
SNGR/L12Q08SC	12	11	180	8.6		3	20	3.5	6GR/L□□□	BFTX2004	TRX06
SNGR/L16R09SC	16	15	200	11.6			20				



Right-hand shown

Item code	Dimensions,mm								Screw	Wrench
	ϕD	H	L_1	F	L_2	T	W	ϕA		
KIGMR/L 2016B-3V	16	15	150	11.5	25	5.5	3.0	20	BX5020	LH040
KIGMR/L 2520B-3V	20	18	180	14.5	32	6.0	3.0	25		
KIGMR/L 3225B-3V	25	23	200	19	40	8.0	3.0	32		
KIGMR/L 3225B-4V	25	23	200	19	40	8.5	4.0	32		
KIGMR/L 4032B-4V	32	29	220	23.5	50	11.0	4.0	40		

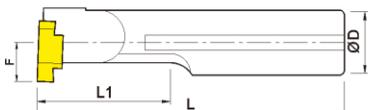
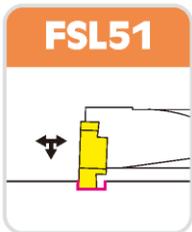
INTERNAL GROOVING



Right-hand shown

Item code	Dimensions mm								Insert	Screw	Wrench
	$\varnothing D_1$	h	L ₁	f	L ₂	T	W	$\varnothing D_s$			
TTIR/L 16-2C	16	15	125	165	—	8.5	2	25	TDC ⁽¹⁾ / J ⁽¹⁾ / T TDXU / XT / FT / IT TSC ⁽¹⁾ / J ⁽¹⁾	BX5010/16/20	LH040
TTIR/L 20-2C	20	18	160	158	40	6.0	2	25			
TTIR/L 25-2C	25	23	200	175	40	5.0	2	25			
TTIR/L 20-3C	20	18	160	158	40	6.0	3	25			
TTIR/L 25-3C	25	23	200	175	40	5.1	3	25			
TTIR/L 32-3C	32	28	250	198	60	4.7	3	31			
TTIR/L 20-4C	20	18	160	158	40	6.0	4	25			
TTIR/L 25-4C	25	23	200	175	40	5.2	4	25			
TTIR/L 32-4C	32	28	250	208	60	4.7	4	31			
TTIR/L 25-5C	25	23	200	173	40	5.2	5	31			
TTIR/L 32-5C	32	28	250	208	60	4.7	5	31			
TTIR/L 32-6C	32	28	250	208	60	4.7	6	31			
TTIR/L 32-8C	32	29	250	213	60	5.5	8	37			
TTIR/L 40-8C	40	38	300	258	65	5.8	8	42			
TTIR/L 25-3C-T8	25	23	200	215	40	8	3	32			
TTIR/L 32-3C-T10	32	30	250	27	60	10	3	40			
TTIR/L 40-3C-T12	40	38	300	33	65	12	3	50			
TTIR/L 25-4C-T8	25	23	200	215	40	8	4	32			
TTIR/L 32-4C-T10	32	30	250	27	60	10	4	40			
TTIR/L 40-4C-T12	40	38	300	33	65	12	4	50			
TTIR/L 50-4C-T14	50	47	350	40	70	14	4	60			
TTIR/L 32-5C-T10	32	30	250	27	60	10	5	40			
TTIR/L 40-5C-T12	40	38	300	33	65	12	5	50			
TTIR/L 50-5C-T14	50	47	350	40	70	14	5	60			
TTIR/L 32-6C-T10	32	30	250	27	60	10	6	40			
TTIR/L 40-6C-T12	40	38	300	33	65	12	6	50			
TTIR/L 50-6C-T14	50	47	350	40	70	14	6	60			

螺紋及開槽刀
THREADING & GROOVING



Right-hand shown

THREADING & GROOVING 螺紋及开槽刀

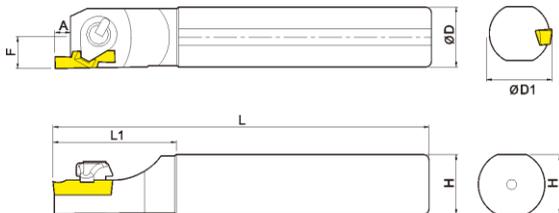
Item code	Dimensions,mm					Insert		Screw	Wrench
	D	L	L1	F	dmin	槽加工	螺紋加工		
FSL5108R	8	125	25	4.8	10	MLG10..L	MLT1001L	BFTX2506	TRX08
FSL5110R	10	125	25	5.8	12	MLG14..L	MLT1401L	BFTX3008	TRX10
FSL5112R	12	150	36	6.8	14				
FSL5114R	14	150	36	7.8	16	MLG20..L	MLT2001L	BFTX4010	TRX15
FSL5116R-14-D16	16	180	42	8	17				
FSL5116R	16	180	50	9.7	20				
FSL5120R	20	200	50	11.7	24				

Description	Insert Shape	Dimensions,mm						
		W	L	H	A	S	Re	Rc
MLT 1001L	<p>MLT10.. MLT14,20..</p>	-	7	5	-	2.38	0.1	-
MLT 1401L		-	11.8	6.5	-	4.76	0.1	-
MLT 2001L		-	16.8	9.03	-	6.35	0.1	-
MLG 1012L	<p>MLG10.. MLG14,20..</p>	1.2	7	5	1.0	2.38	-	0.1
MLG 1015L		1.5						
MLG 1020L		2						
MLG 1415L		1.5	11.8	6.5	2.0	4.76	-	0.1
MLG 1420L		2						
MLG 1430L		3						
MLG 2020L		2	16.8	9.03	3.0	6.35	-	0.1
MLG 2030L		3						
MLG 2040L		4						

端面開槽

TOOL HOLDERS

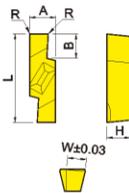
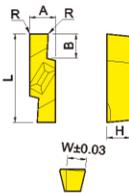
FACE GROOVING

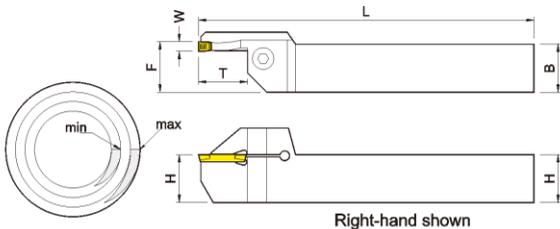
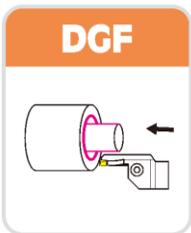


Right-hand shown

Item code	Dimensions,mm						端面切槽外径 ØD1		Insert 	Screw 	Wrench 
	ØD	F	A	L	L1	H	min	max			
GIVFR-2220Q-B	20	10.5	5.1	180	30	18	22	∞	GVFR...B	CPS6F	LH030
GIVFR-2825R-B	25	13	5.1	200	45	23	28	∞		CPS6V	
GIVFR-3532S-B	32	16.5	5.1	200	45	30	35 (25)	∞			

螺紋 & 开槽刀
THREADING & GROOVING

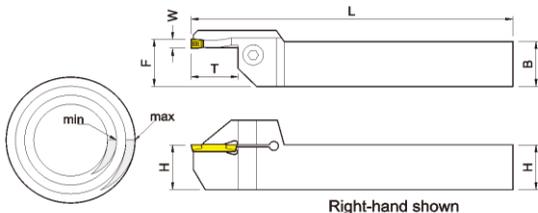
Description	Insert Shape 	Dimensions,mm					
		W	B	R	A	L	H
GVFR 250B		2.50	4.8	0.2	5.8	2.0	5
GVFR 300B		3.00					
GVFR 350B		3.50					
GVFR 400B		4.00					
GVFR 430B		4.30					
GVFR 460B		4.60					
GVFR 490B		4.90					



Item code	Dimensions,mm						Hole Diameter ØD		Insert	Screw	Wrench					
	H	B	L	F	W	T	min	max								
DGFR-20-50-5T15	20	20	125	21	5	15	50	70	DGM50CTF	BX5025	LH040					
DGFR-20-50-5T20						20	50	70								
DGFR-20-70-5T20						70	120									
DGFR-20-120-5T20						120	240									
DGFR-20-240-5T20						240	800									
DGFR-20-50-5T25						25	50	70								
DGFR-20-70-5T25						70	120									
DGFR-20-120-5T25						120	240									
DGFR-20-240-5T25						240	800									
DGFR-25-50-5T15						25	25	150				26	5	15	50	70
DGFR-25-50-5T20														20	50	70
DGFR-25-70-5T20														70	120	
DGFR-25-120-5T20														120	240	
DGFR-25-240-5T20														240	800	
DGFR-25-50-5T25	25	50	70													
DGFR-25-70-5T25	70	120														
DGFR-25-120-5T25	120	240														
DGFR-25-240-5T25	240	800														

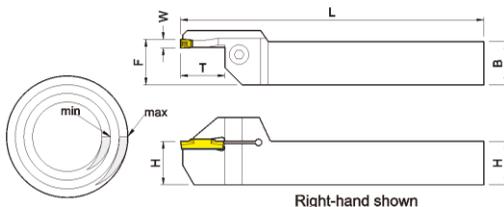
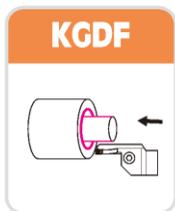
Description	Insert Shape	Dimensions,mm			
		W	L	H	Re
DGM 30CTF		3	20	3	0.4
DGM 40CTF		4	20	3	0.4
DGM 50CTF		5	25	5	0.4

FACE GROOVING



Item code	Dimensions,mm						Hole Diameter ØD		Insert	Screw 	Wrench 		
	H	B	L	F	W	T	min	max					
DGFR/L-20-28-3T15	20	20	125	21	3	15	28	34	DGM30CTF	BX5025	LH040		
DGFR/L-20-34-3T15							34	45					
DGFR/L-20-45-3T20							20	45				70	
DGFR-20-70-3T20								70				100	
DGFR-20-100-3T20								100				140	
DGFR-20-140-3T20								140				200	
DGFR-20-200-3T20								200				800	
DGFR/L-25-28-3T15								25				25	150
DGFR/L-25-34-3T15	34	45											
DGFR/L-25-45-3T15	20	45	70										
DGFR/L-25-45-3T20		45	70										
DGFR-25-70-3T20		70	100										
DGFR-25-100-3T20		100	140										
DGFR-25-140-3T20		140	200										
DGFR-25-200-3T20		200	800										
DGFR/L-20-28-4T15	20	20	125	21	4	15	28	34	DGM40CTF	BX5025	LH040		
DGFR/L-20-34-4T20							20	34				45	
DGFR/L-20-45-4T20							20	45				70	
DGFR-20-70-4T20							20	70				100	
DGFR-20-100-4T20							20	100				140	
DGFR-20-140-4T20							20	140				200	
DGFR-20-200-4T20							20	200				800	
DGFR-20-70-4T25							20	20				125	21
DGFR-20-100-4T25	25	100	140										
DGFR-20-140-4T25	25	140	200										
DGFR-20-200-4T25	25	200	800										
DGFR/L-25-28-4T15	25	25	150	26	4	15	28	34	DGM40CTF	BX5025	LH040		
DGFR/L-25-34-4T20							20	34				45	
DGFR/L-25-45-4T20							20	45				70	
DGFR-25-70-4T20								20				70	100
DGFR-25-100-4T20								20				100	140
DGFR-25-140-4T20								20				140	200
DGFR-25-200-4T20								20				200	800
DGFR-25-70-4T25								25				25	150
DGFR-25-100-4T25	25	100	140										
DGFR-25-140-4T25	25	140	200										
DGFR-25-200-4T25	25	200	800										

螺紋 & 開槽刀
THREADING & GROOVING



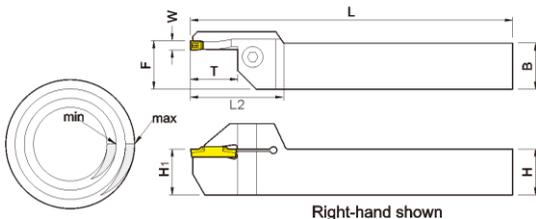
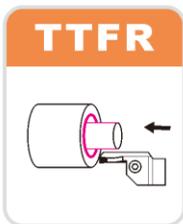
Right-hand shown

螺紋及開槽刀

Item code	Dimensions,mm					Hole Diameter $\varnothing D$		Insert	Screw	Wrench	
	H	B	L	F	W	T	min				max
KGDFR-2020K-3045-3T15	20	20	125	21	3	15	30	45	GDFM3020..		
KGDFR-2020K-4565-3T15							45	65			
KGDFR-2020K-6585-3T20							20	65			85
KGDFR-2525M-3045-3T15	25	25	150	26	3	15	30	45	GDFM3020..		
KGDFR-2525M-4565-3T15							45	65			
KGDFR-2525M-6585-3T20							20	65			85
KGDFR-2525M-85110-3T20						20	85	110			
KGDFR-2525M-110145-3T20							110	145			
KGDFR-2020K-5070-4T20	20	20	125	21	4	20	50	70	GDFM4020..	BX5025	LH040
KGDFR-2020K-70100-4T20							70	100			
KGDFR-2525M-3550-4T15	25	25	150	26	4	15	35	50	GDFM4020..		
KGDFR-2525M-5070-4T20							20	50			70
KGDFR-2525M-70100-4T20							20	70			100
KGDFR-2525M-100150-4T25						25	100	150			
KGDFR-2525M-150220-4T25							150	220			
KGDFR-2525M-220800-4T25							220	800			
KGDFR-2525M-5075-5T25							25	25			150
KGDFR-2525M-75115-5T25	75	115									
KGDFR-2525M-115180-5T25	115	180									
KGDFR-2525M-180235-5T25	180	235									
KGDFR-2525M-235800-5T25	235	800									

Description	Insert Shape	Dimensions,mm				
		W	Re	M	L	H
GDFM 3020N-030GM		3	0.3	2.3	20	4.3
GDFM 4020N-040GM		4	0.4	3.3		
GDFM 5020N-040GM		5	0.4	4.2		

FACE GROOVING

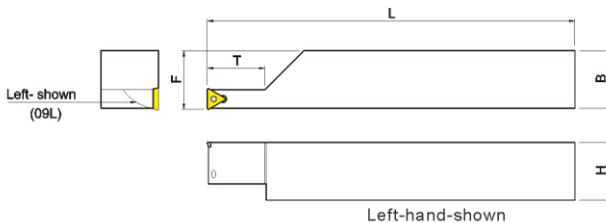
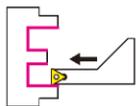


Right-hand shown

Item code	Dimensions,mm							Hole Diameter ØD		Screw 	Wrench 	Insert
	H	B	L	F	H1	L2	T	min	max			
TTFR/L 25-30-3 RN	25	25	150	24	25	38	10.0	24	35	BX6025	LH050	TDC/TSC(1) TDJ/TSJ(1) TDXU TDT TDTT
TTFR/L 25-35-3 RN	25	25	150	24	25	38	10.0	29	40			
TTFR/L 25-40-3 RN	25	25	150	24	25	38	10.0	34	50			
TTFR/L 25-50-3 RN	25	25	150	24	25	38	15.0	44	70			
TTFR/L 25-70-3 RN	25	25	150	24	25	38	15.0	64	100			
TTFR/L 25-30-4 RN	25	25	150	23.6	25	39	10.0	22	36			
TTFR/L 25-36-4 RN	25	25	150	23.6	25	39	20.0	28	42			
TTFR/L 25-42-4 RN	25	25	150	23.6	25	39	20.0	34	50			
TTFR/L 25-50-4 RN	25	25	150	23.6	25	39	20.0	42	70			
TTFR/L 25-70-4 RN	25	25	150	23.6	25	39	20.0	62	120			
TTFR/L 25-120-4 RN	25	25	150	23.6	25	39	20.0	112	200			
TTFR/L 25-200-4 RN	25	25	150	23.6	25	39	20.0	200	∞			
TTFR/L 25-60-5 RN	25	25	150	23.1	25	49	25.0	50	80			
TTFR/L 25-80-5 RN	25	25	150	23.1	25	49	25.0	70	110			
TTFR/L 25-110-5 RN	25	25	150	23.1	25	49	25.0	100	150			
TTFR/L 25-150-5 RN	25	25	150	23.1	25	49	25.0	140	200			
TTFR/L 25-200-5 RN	25	25	150	23.1	25	49	25.0	200	∞			
TTFR/L 25-60-6 RN	25	25	150	22.6	25	49	25.0	48	70			
TTFR/L 25-70-6 RN	25	25	150	22.6	25	49	25.0	58	100			
TTFR/L 25-100-6 RN	25	25	150	22.6	25	49	25.0	88	180			
TTFR/L 25-180-6 RN	25	25	150	22.6	25	49	25.0	168	400			
TTFR/L 25-400-6 RN	25	25	150	22.6	25	49	25.0	400	∞			
										BX8025	LH060	

螺紋
& 开槽刀
THREADING & GROOVING

STCP



FACE GROOVING 螺紋及开槽刀

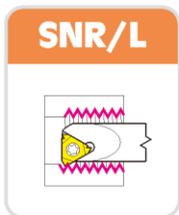
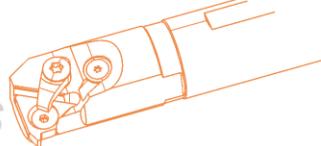
Item code	Dimensions,mm					Insert	Screw 	Wrench
	H	B	L	F	T			
STCPR/L-2525M-09R-R38	25	25	150	25.5	25	TPMT090204	BFTX2506	TRX08
STCPR/L-2525M-09L-R38								

Description	Insert Shape	Dimensions,mm			
		A	s	d	r
TPMT090204		5.56	2.38	2.9	0.4

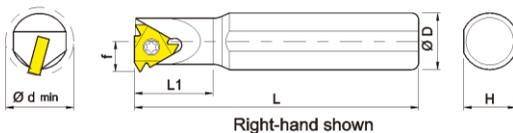
螺紋

TOOL HOLDERS

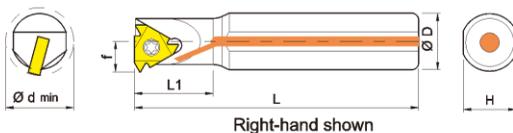
THREADING TOOLS



■ SNR/L-00...-... 鋼柄 Steel shank

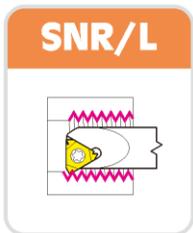


■ SNR/L-A00...-... 鋼柄+中心水孔 Steel shank+coolant hole

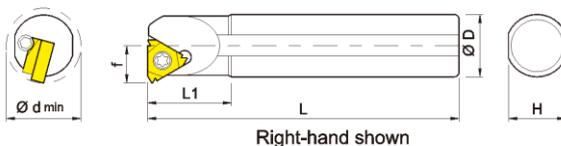


螺紋及開槽刀
threading & grooving

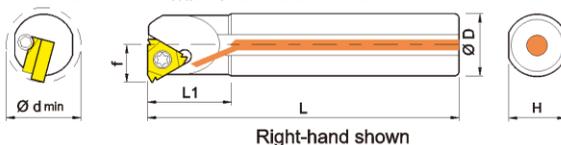
Item code	Dimensions,mm					Insert	Screw 	Wrench 	Shim 	Screw 	Wrench 
	D	L	L1	f	dmin						
SNR/L-0005H-06	12	100	12	3.6	7	06NR/L...	BFTX2004	TRX06	-	-	-
SNR/L-0006H-06	12	100	15	4.1	8						
SNR/L-0007K-08	16	125	18	4.5	9	08NR/L...	BFTX2206	TRX06			
SNR/L-0008K-08	16	125	21	5.5	11						
SNR/L-0010K-11	16	125	25	6.5	13	11NR/L...	BFTX2506	TRX08			
SNR/L-0010K-11-L18	16	125	18	6.5	13						
SNR/L-0013M-11	16	150	32	8.0	16						
SNR/L-0013M-11-L18	16	150	18	8.0	16						
SNR/L-0013M-16	16	150	32	8.5	17	16NR/L...	BFTX3508	TRX15			
SNR/L-0016Q-16-S20	20	180	36	10	19						
SNR/L-A0005H-06	12	100	12	3.6	7	06NR/L...	BFTX2004	TRX06	-	-	-
SNR/L-A0006H-06	12	100	15	4.1	8						
SNR/L-A0007K-08	16	125	18	4.5	9	08NR/L...	BFTX2206	TRX06			
SNR/L-A0008K-08	16	125	21	5.5	11						
SNR/L-A0010K-11	16	125	25	6.5	13	11NR/L...	BFTX2506	TRX08			
SNR/L-A0013M-11	16	150	32	8.0	16						
SNR/L-A0013M-16	16	150	32	8.5	17	16NR/L...	BFTX3508	TRX15			



■ SNR/L-00...-.. 鋼柄 Steel shank

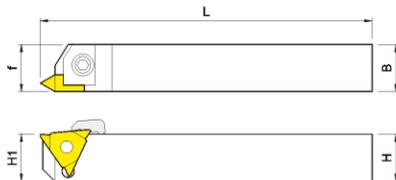
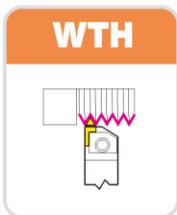
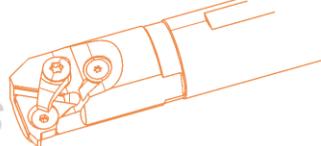


■ SNR/L-A00...-.. 鋼柄+中心水孔 Steel shank+coolant hole



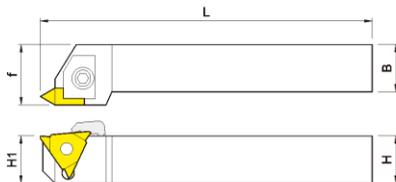
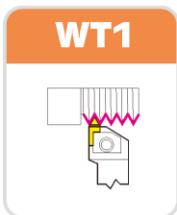
Item code	Dimensions,mm					Insert	Screw	Wrench	Shim	Screw	Wrench
	D	L	L1	f	dmin						
SNR/L-0008K-08-S08	8	125	20	6.5	11	08NR/L...	BFTX2206	TRX06	-	-	-
SNR/L-0010K-11-S10	10	125	22	6.5	13	11NR/L...	BFTX2506	TRX08	-	-	-
SNR/L-0012M-11-S12	12	150	26	8.0	16						
SNR/L-0016Q-16	16	180	36	10	19	16NR/L...	BFTX3508	TRX15	-	-	-
SNR/L-0020R-16	20	200	40	12	24		BFTX3512	TRX15	GXN/E16	BH0308	LH025
SNR/L-0025R-16	25	200	45	14.5	29						
SNR/L-0032S-16	32	250	45	18.5	36						
SNR/L-0032T-16	32	300	45	18.5	36						
SNR/L-0040T-16	40	300	60	22	44						
SNR/L-0050V-16	50	400	60	27	54						
SNR/L-0060V-16	60	400	60	32	64						
SNR/L-0080V-16	80	400	80	42	82						
SNR/L-0020R-22	20	200	40	14	28	22NR/L...	BFTX4510	TRX20	-	-	-
SNR/L-0025R-22	25	200	45	16.5	32		BFTX4516	TRX20	GXN/E22	BH0412	LH030
SNR/L-0025S-22	25	250	45	16.5	32						
SNR/L-0032S-22	32	250	45	20	40						
SNR/L-0040T-22	40	300	60	24	46						
SNR/L-A0008K-08-S08	8	125	20	5.5	11	08NR/L...	BFTX2206	TRX06	-	-	-
SNR/L-A0010K-11-S10	10	125	22	6.5	13	11NR/L...	BFTX2506	TRX08	-	-	-
SNR/L-A0012M-11-S12	12	150	26	8.0	16						
SNR/L-A0016Q-16	16	180	36	10	19	16NR/L...	BFTX3508	TRX15	-	-	-
SNR/L-A0020R-16	20	200	40	12	24		BFTX3512	TRX15	GXN/E16	BH0308	LH025
SNR/L-A0025R-16	25	200	45	14.5	29						
SNR/L-A0032S-16	32	250	45	18.5	36						

THREADING TOOLS



Right-hand shown

Item code	Dimensions,mm					Insert	Clamp	Spring	Screw	Wrench
	H	B	L	H1	f					
WTHR/L-2020K4	20	20	125	20	20	MTTR/L43...	MTK1R/L	MES3	BH0622	LH040
WTHR/L-2525M4	25	25	150	25	25					
WTHR/L-3232P4	32	32	170	32	32					

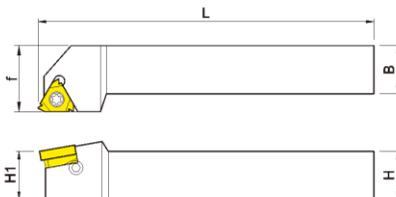
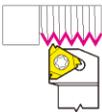


Right-hand shown

Item code	Dimensions,mm					Insert	Clamp	Spring	Screw	Wrench
	H	B	L	H1	f					
WT1R/L-1616K4	16	16	125	16	20	MTTR/L43...	MTK1R/L	MES3	BH0622	LH040
WT1R/L-2020K4	20	20	125	20	25					
WT1R/L-2525M4	25	25	150	25	32					

螺紋及開槽刀
threading & grooving

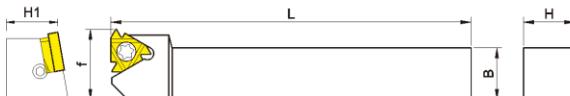
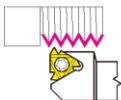
SER/L



Right-hand shown

Item code	Dimensions,mm					Insert	Screw	Wrench	Shim	Screw	Wrench
	H	B	L	H1	f						
SER/L-1010K-16	10	10	125	10	10	16ER/L..	BFTX3508	TRX15	-	-	-
SER/L-1212K-16	12	12	125	12	12						
SER/L-1216K-16	12	16	125	12	16						
SER/L-1616K-16	16	16	125	16	20	16ER/L..	BFTX3512	TRX15	GXE/N16	BH0308	LH025
SER/L-2020K-16	20	20	125	20	25						
SER/L-2525M-16	25	25	150	25	32						
SER/L-3232P-16	32	32	170	32	40	22ER/L..	BFTX4516	TRX20	GXE/N22	BH0412	LH030
SER/L-2020K-22	20	20	125	20	25						
SER/L-2525M-22	25	25	150	25	32						
SER/L-3232P-22	32	32	170	32	40						

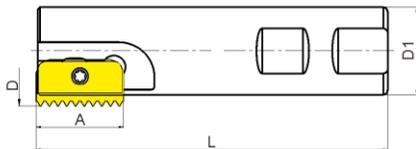
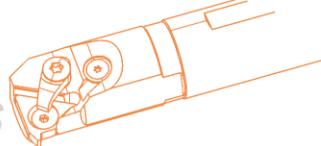
SKER/L



Right-hand shown

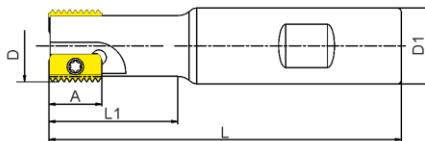
Item code	Dimensions,mm					Insert	Screw	Wrench	Shim	Screw	Wrench
	H	B	L	H1	f						
SKER/L-1212K-16	12	12	125	12	18	16ER/L..	BFTX3508	TRX15	-	-	-
SKER/L-1616K-16	16	16	125	16	22						
SKER/L-2020K-16	20	20	125	20	27	16ER/L..	BFTX3512	TRX15	GXE/N16	BH0308	LH025
SKER/L-2525M-16	25	25	150	25	34						

THREADING TOOLS

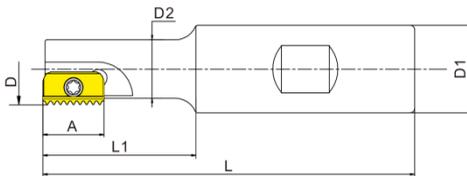


Item code	Dimensions,mm				Screw 	Wrench 
	A	D	D1	L		
SR0025K21	21	25	20	125	BFTX3510	TRX15
SR0031M30	30	31	25	150	BFTX4015	TRX20
SR0038M30	30	38	32	150		
SR0048R40	40	48	40	210	BFTX5018	TRX20

螺紋及開槽刀
threading & grooving



Item code	Dimensions,mm							Screw 	Wrench 
	A	D	D1	D2	L	L2	Teeth		
SR0020H14-2	14	20	20	16	93	41	2	BFTX3008	TRX10
SR0030J21-2	21	30	25	24	108	52	2	BFTX3510	TRX15
SR0040L30-2	30	40	32	30	130	70	2	BFTX4015	TRX20
SR0050M40-2	40	50	40	38	153	78	2	BFTX5018	TRX20



Item code	Dimensions,mm						Screw	Wrench
	A	D	D1	D2	L	L1		
SR0009H12	12	9.5	20	7.5	85	14	BFTX2506	TRX08
SR0010H12	12	9.9	20	7.6	85	16		
SR0012F14	14	12.0	20	8.9	75	20	BFTX3008	TRX10
SR0014H14	14	14.5	20	11.2	85	25		
SR0017H14	14	17.0	20	13.4	85	30		
SR0018H21	21	18.0	20	14.4	85	30	BFTX3510	TRX15
SR0021H21	21	21.0	20	16.5	94	40		
SR0029J30	30	29.0	25	22.4	110	50	BFTX4015	TRX20
SR0048M40	40	48.0	40	35.0	153	78	BFTX5018	TRX20