

Grooving Tools 槽刀

ACGWS / AEVSC/M

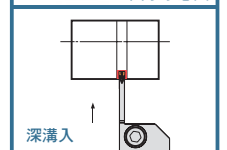
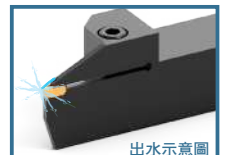
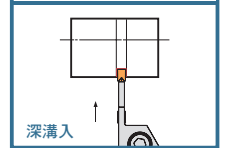
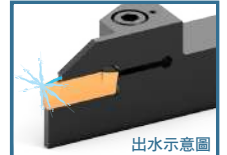
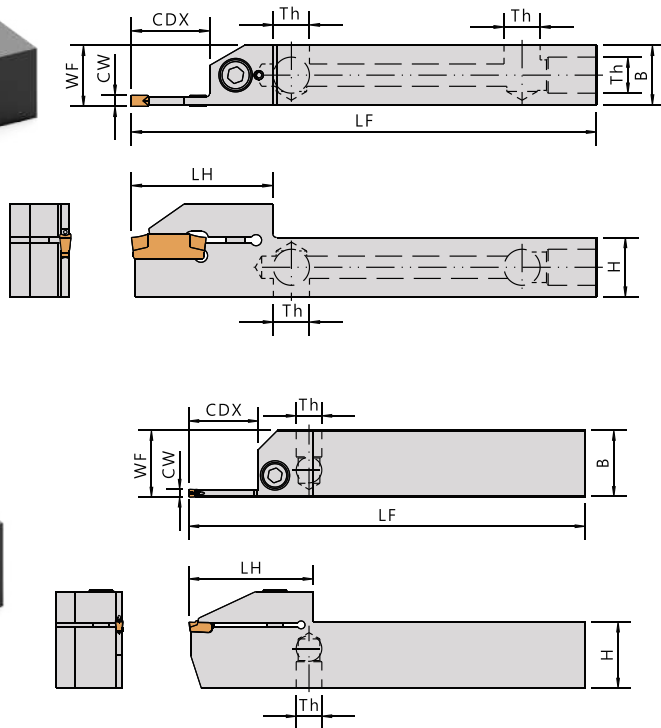
TUNGALOY/KENAMETAL / WIDIA



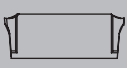
ACGWS



AEVSM



▼Recommended Inserts 建議刀片品牌：TUNGALOY

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔	刀片螺絲	止付螺絲	板手
		H	B	LF	WF	LH	CW	CDX	Th			
ACGWSR16B-3D40J	WGE30 GH730	16	16	125	16	38	3	20	1/8"	CSH0516	CS9NQ CS9-3003 CS9-25025	LW040
ACGWSR20B-5D50J	WGE50 GH730	20	20	125	20	42	5	25	1/8"			

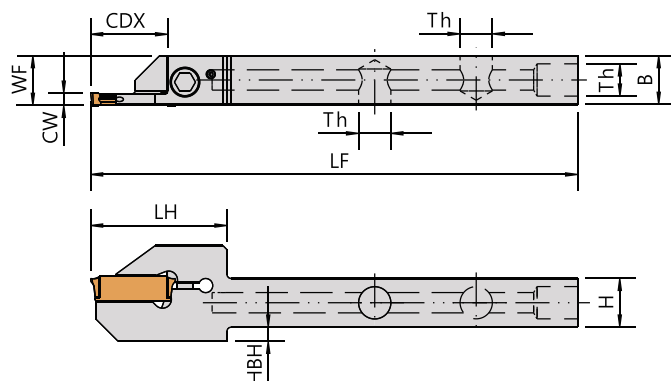
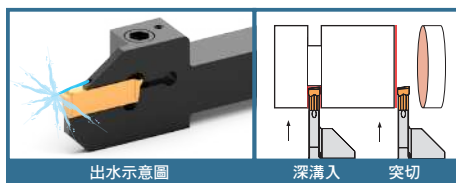
▼Recommended Inserts 建議刀片品牌：KENAMETAL/WIDIA

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔	刀片螺絲	止付螺絲	板手
		H	B	LF	WF	LH	CW	CDX	Th			
AEVSCR/L-1616K0216	EC020 WC020	16	16	125	16.35	27	2	8	1/8"	CSH0520	CS9NQ CS9-2002	TL-15 LW040
AEVSMR/L-2525M0326	EC030 WC030	25	25	150	25.25	43	3	13	1/8"			LW040

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ADGT

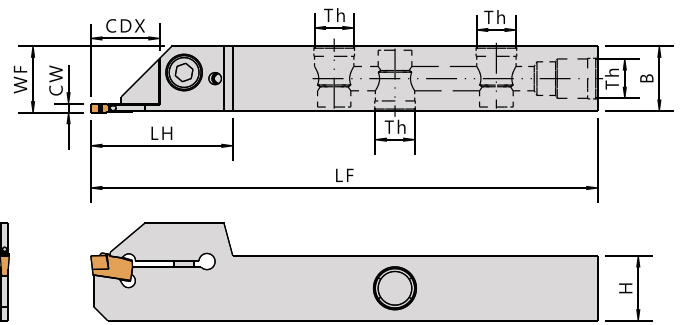
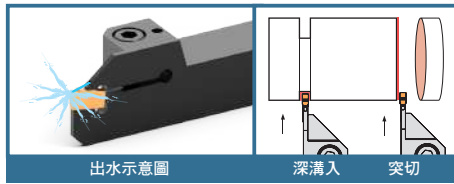
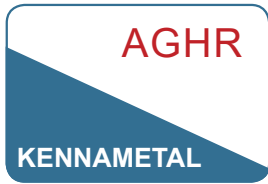
ISCAR / WIDIA



▼Recommended Inserts 建議刀片品牌：ISCAR / WIDIA

Order No.	Insert	Dimensions(mm)									Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高 H	柄寬 B	總長 LF	寬度 WF	頭長 LH	切寬 CW	切深 CDX	下巴厚 HBH	牙孔 Th	刀片螺絲 	止付螺絲 	轉接頭 	板手
ADGTR12B-2D24JS (100L)	DGR 2002Z-6D WDGN2202J	12	12	100	12.28	27	2	12	3.5	5/16"	CSH0412	CS9NN CS9-2002	AA-NP	LW030 LW040
ADGTR/L12B-2D26J		12	12	120	12.28	28	2	13	3.5	5/16"				
ADGTR/L12B-2D26JCB		12	12	140	12.28	28	2	13	3.5	5/16"				
ADGTR12B-2D26JS		12	12	120	12.28	28	2	13	3.5	5/16"				
ADGTL12B-2D26JU		12	12	120	12.28	28	2	13	3.5	5/16"		CS9NN CS9-25025	AA-NP	
ADGTR/L12B-2D36J		12	12	120	12.28	33	2	18	3.5	5/16"			AA-NP	
ADGTR/L12B-2D36JS		12	12	120	12.28	33	2	18	3.5	5/16"			AA-NP	
ADGTR/L12B-2D36JCB		12	12	140	12.28	33	2	18	3.5	5/16"			-	
ADGTR/L12B-3D36J	DGR 3003Z-6D WDGN3102J	12	12	120	12.25	33	3	18	3.5	5/16"	CSH0414	CS9NQ CS9-2002	AA-NP	
ADGTL12B-3D36JCB		12	12	140	12.25	33	3	18	3.5	5/16"			-	
ADGTR16B-2D24J	WDGN2202J TN6025	16	16	120	16.275	27	2	12	-	1/8"	CSH0412	CS9NQ CS9-2002	-	LW030
ADGTR/L16B-2D26J		16	16	120	16.275	28	2	13	-	1/8"			-	
ADGTL16B-2D26JCB		16	16	140	16.275	28	2	13	-	1/8"			-	
ADGTR16B-2D26JS		16	16	120	16.275	28	2	13	-	1/8"			-	
ADGTR/L16B-2D36JCB		16	16	140	16.275	33	2	18	-	1/8"			-	
ADGTL16B-2D36JF		16	16	120	16.275	33	2	18	-	1/8"			-	
ADGTR16B-2D36JS		16	16	120	16.275	33	2	18	-	1/8"			-	
ADGTL16B-2D36JSCB		16	16	140	16.275	33	2	18	-	1/8"			-	
ADGTR/L16B-3D40J	DGR 3003Z-6D	16	16	120	16.25	35	3	20	-	1/8"	CSH0414		-	
ADGTL16B-3D40JS		16	16	120	16.25	35	3	20	-	1/8"			-	
ADGTR/L20B-2D36JS	WDGN2202J TN6025	20	20	125	20.275	33	2	18	-	1/8"	CSH0516	CS9NQ CS9-2002	-	LW040
ADGTR/L20B-3D40J	DGR 3003Z-6D	20	20	125	20.25	35	3	20	-	1/8"			-	
ADGTL20B-3D40JS		20	20	125	20.25	35	3	20	-	1/8"			-	
ADGTR/L20B-3D44JS		20	20	125	20.25	37	3	22	-	1/8"			-	
ADGTR25B-2D36J	WDGN2202J TN6025	25	25	150	25.275	33	2	18	-	1/8"	CSH0516	CS9NQ CS9-2002	-	LW040
ADGTR25B-2D36JS		25	25	150	25.275	33	2	18	-	1/8"			-	
ADGTL25B-3D40J	DGR 3003Z-6D	25	25	150	25.25	35	3	20	-	1/8"			-	
ADGTR25B-3D40JS		25	25	150	25.25	35	3	20	-	1/8"			-	

Grooving Tools 槽刀



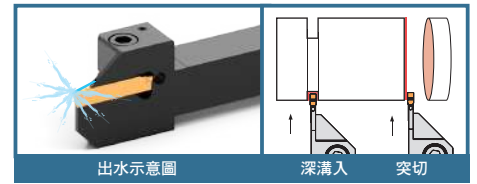
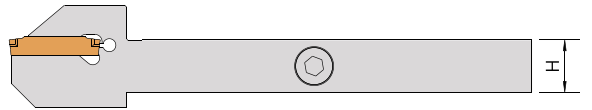
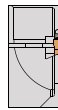
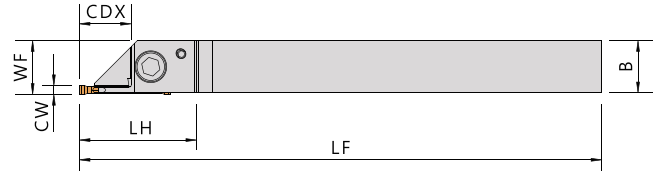
▼Recommended Inserts 建議刀片品牌：KENAMETAL

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔	刀片螺絲	止付螺絲	轉接頭	板手
		H	B	LF	WF	LH	CW	CDX	Th				
AGHR/L-1212K02-12	A2022 A2G02	12	12	125	12.4	30	2	12	5/16"	CSH0514	CS9NN CS9-3003	AA-NP	LW040
AGHR/L-1616K02-12		16	16	125	16.4	33	2	12	1/8"		CS9NQ CS9-3003	-	
AGHR/L-1616K03-16	A2030 A3G03	16	16	125	16.4	37	3	16	1/8"	-	CS9NQ CS9-3003		
AGHR/L-1616K03-20		16	16	125	16.4	41	3	20	1/8"		CS9NQ CS9-3003		
AGHR/L-2525M03-26		25	25	150	25.4	47	3	26	1/8"		CS9NQ CS9-3003		

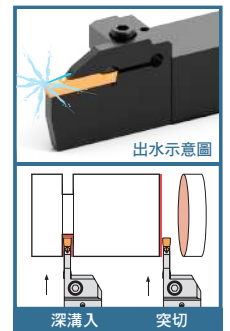
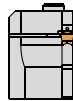
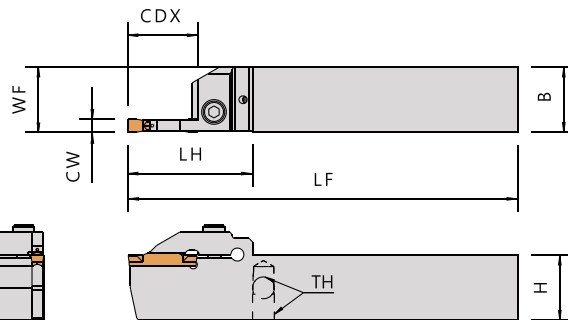
Grooving Tools 槽刀



AGNDRM1212JX-211JS



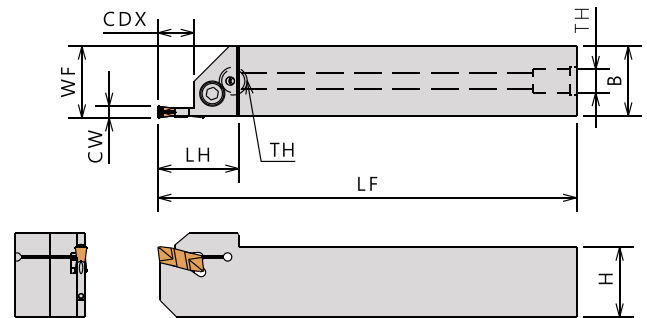
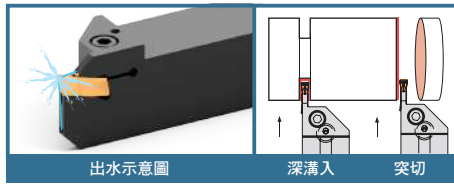
AGNDRM2525M-525



▼ Recommended Inserts 建議刀片品牌：SUMITOMO

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔	刀片螺絲	止付螺絲	板手
		H	B	LF	WF	LH	CW	CDX	Th			
AGNDRM1212JX-211JS	GCMN20	12	12	120	12.35	27	2	11	5/16"	CSH0412	CS9NN CS9-2002	LW030 LW040
AGNDRM1212JX-218JS	GCMN20	12	12	120	12.35	33	2	18	5/16"			
AGNDRM2525M-320	GCMN30	25	25	150	25.25	44.5	3	20	1/8"	CSH0514	CS9NQ CS9-3003	LW040
AGNDRM2525M-525	GCMN50	25	25	150	25.25	48	5	25	1/8"			

Grooving Tools 槽刀



▼Recommended Inserts 建議刀片品牌：ISCAR

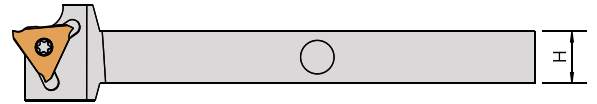
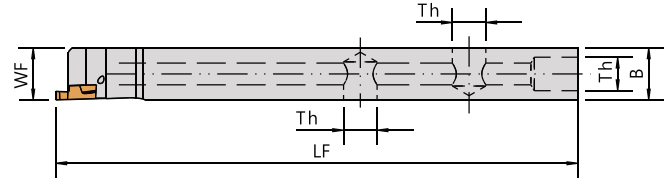
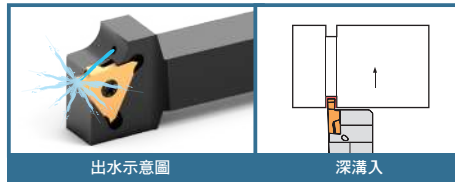
Order No.	Insert	Dimensions(mm)									Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	下巴厚	牙孔	刀片螺絲	止付螺絲	轉接頭	板手
		H	B	LF	WF	LH	CW	CDX	HBH	Th				
AGHSR1212JX03-10R	GIP 3.00-020	12	12	120	12.6	27	3	10	2	5/16"	CSH0512	CS9NN CS9-3003	AA-NP	LW040
AGHSR1616JX03-10R		16	16	120	16.6	26	3	10	2	1/8"		CS9NQ CS9-3003	-	
AGHSR2020K03-10		20	20	125	20.6	27	3	10	-	1/8"		CS9NQ CS9-3003		
AGHSR2525M03-12JS		25	25	150	25.6	29	3	12	-	1/8"	CS9NQ CS9-3003			
AGHSR2525M04-12JSWP	GIP 4.00	25	25	150	25.6	29	4	12	-	1/8"	CSH0516	CS9NQ CS9-2002 CS9-3003		

WP : Multiple coolant direction 上下雙出水

Grooving Tools 槽刀

AGWC

ACC /
SUMITOMO



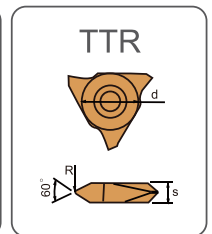
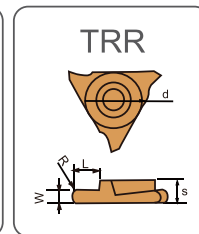
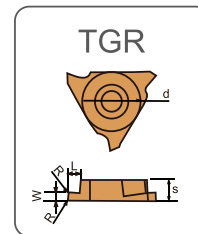
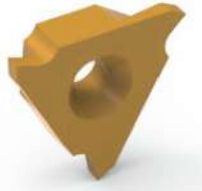
▼ Recommended Inserts 建議刀片品牌：SUMITOMO/ACC

Without coolant thru-TGWCR Series 無油孔系列

Order No.	Insert	Dimensions(mm)					Insert Screw	Coolant plug	Adapter	Wrench	
Right / Left		柄高	柄寬	總長	寬度	牙孔	刀片螺絲	止付螺絲	轉接頭	板手	
		H	B	LF	WF	Th					
AGWCR1212-3	TGAR3 TGR16	12	12	120	12	5/16"	CS40090	CSPNN CS9-3003	AA-NP	TL-15	LW040
AGWCR1616-3		16	16	120	16	1/8"		CS9NQ CS9-3003	-	TL-15	LW040

T#R

槽刀片

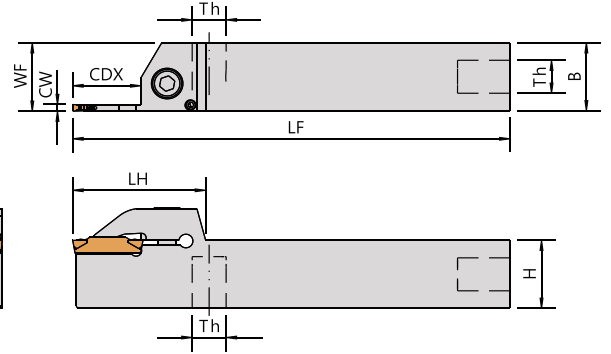
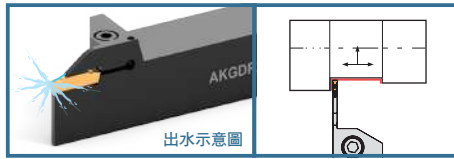


Ordering Code	UA3F2	W	L	R	d	S
TGR16050	*	0.50	1.4	0.00	9.525	3.18
TGR16075	*	0.75	2.5	0.10	9.525	3.18
TGR16095	*	0.95	2.5	0.10	9.525	3.18
TGR16100	*	1.00	2.5	0.10	9.525	3.18
TGR16125	*	1.25	2.5	0.10	9.525	3.18
TGR16135	*	1.35	2.5	0.10	9.525	3.18
TGR16150	*	1.50	2.5	0.20	9.525	3.18
TGR16200	*	2.00	3.0	0.20	9.525	3.18
TGR22100	*	1.00	2.5	0.10	12.70	4.76
TGR22125	*	1.25	2.5	0.20	12.70	4.76
TGR22135	*	1.35	2.5	0.20	12.70	4.76
TGR22145	*	1.45	2.5	0.20	12.70	4.76
TGR22150	*	1.50	3.9	0.20	12.70	4.76
TGR22200	*	2.00	3.9	0.20	12.70	4.76
TGR22250	*	2.50	5.4	0.30	12.70	4.76
TGR22300	*	3.00	5.4	0.30	12.70	4.76

Ordering Code	UA3F2	W	L	R	d	S
TRR22050	*	1.00	2.5	0.50	12.70	4.76
TRR22075	*	1.50	3.9	0.75	12.70	4.76
TRR22100	*	2.00	3.9	1.00	12.70	4.76
TRR22125	*	2.50	5.4	1.25	12.70	4.76
TRR22150	*	3.00	5.4	1.50	12.70	4.76
TRR22175	*	3.50	5.4	1.75	12.70	4.76
TRR22200	*	4.00	5.4	2.00	12.70	4.76

Ordering Code	UA3F2	Pitch (mm)	R	d	S
TTR226001	*	1.0~1.75	0.10	12.70	4.76
TTR226002	*	2.0~2.5	0.20	12.70	4.76

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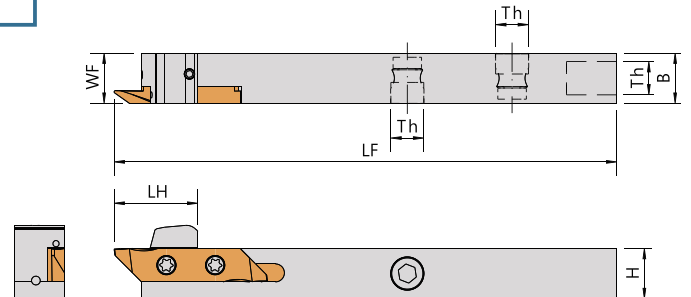
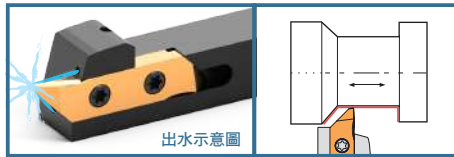
▼Recommended Inserts 建議刀片品牌：KYOCERA

Order No.	Insert	Dimensions(mm)									Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	下巴厚	牙孔	刀片螺絲	止付螺絲	轉接頭	板手
		H	B	LF	WF	LH	CW	CDX	HBH	Th				
AKGDR1212H-2T13	GDM20	12	12	100	12.15	24	2	13	2	5/16"	CSB0414	CS9NN CS9-2002 CS9-5005	AA-NP	FT-15 LW025 LW040
AKGDR/L1212JX-2T12JF		12	12	120	12.15	24	2	12	2	5/16"	CSR50140	CS9NN CS9-2002 CS9-5005	-	FT-15 LW040
AKGDL1212JX-2T13JF		12	12	120	12.15	25	2	13	2	5/16"	CSR50140	CS9NN CS9-2002 CS9-5005	-	FT-15 LW040
AKGDR1212K-2T18		12	12	125	12.15	30	2	18	2	5/16"	CSB0414	CS9NN CS9-2002 CS9-5005	AA-NP	LW025 LW040
AKGDR1616H-2T13		16	16	100	16.15	33	2	13	4	1/8"	CSH0514	CS9NQ CS9-3003	-	LW040
AKGDR/L1616JX-2T17JF		16	16	120	16.15	29	2	17	-	1/8"	CSR50140	CS9NQ CS9-2002 CS9-6006	-	FT-15 LW040
AKGDR1616K-2T18		16	16	125	16.15	36	2	18	4	1/8"	CSH0514	CS9NQ CS9-3003	-	LW040
AKGDR/L2020K-2T18S		20	20	125	20.15	38	2	18	-	1/8"	CSH0520	CS9NQ CS9-25025	-	LW040
AKGDR2525M-2T18S		25	25	150	25.15	38	2	18	-	1/8"	CSH0520	CS9NQ CS9-25025	-	
AKGDR1212K-3T18	GDM30	12	12	125	12.3	30	3	18	2	5/16"	CSH0520	CS9NN CS9-3003	AA-NP	LW040
AKGDR1616K-3T18		16	16	125	16.3	36	3	18	4	1/8"	CSH0520	CS9NQ CS9-3003	-	LW040
AKGDR2020K-3T18		20	20	125	20.3	38	3	18	-	1/8"	CSH0520	CS9NQ CS9-3003	-	LW040
AKGDR2525M-3T13		25	25	150	25.3	33	3	13	-	1/8"	CSH0520	CS9NQ CS9-3003	-	LW040
AKGDR2525M-3T20		25	25	150	25.3	38	3	20	-	1/8"		CS9NQ CS9-3003	-	

Grooving Tools 槽刀

ASLAL-38

ACC

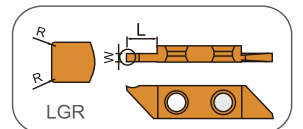
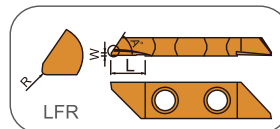
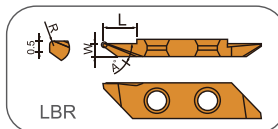


▼Recommended Inserts 建議刀片品牌：ACC

Order No.	Insert	Dimensions(mm)						Insert Screw	Coolant plug	Adapter	Wrench	
Right / Left		柄高	柄寬	總長	寬度	頭長	牙孔	刀片螺絲	止付螺絲	轉接頭	板手	
		H	B	LF	WF	LH	Th					
ASLALR1010JX38	L*R/L38	10	10	120	10	20	5/16"	CS35119S	CS9NN CS9-25025	AA-NP	FT-15	LW040
ASLALR1212JX38		12	12	120	12	20	5/16"					
ASLALR1616JX38		16	16	120	16	20	1/8"					

L#R

槽刀片



Ordering Code	UN212	W	A°	R	L
LBR382020V	*	2.0	35°	0.2	3.5
LBR383020V	*	3.0	35°	0.2	6.0
LBR384020V	*	4.0	35°	0.2	9.0

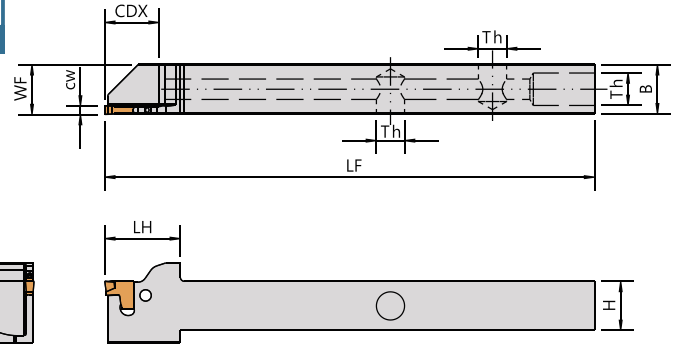
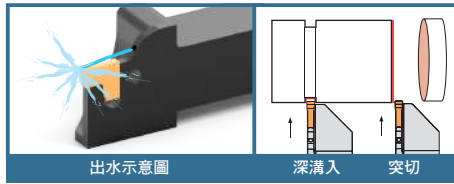
Ordering Code	UN212	W	A°	R	L
LFR383500V	*	0.5	35°	0.0	6.5
LFR383502V	*	0.5	35°	0.2	6.5
LFR385500V	*	0.5	55°	0.0	6.5
LFR385502V	*	0.5	55°	0.2	6.5

Ordering Code	UN212	W	R	L
LGR381000U	*	1.0	0.0	2.5
LGR381500U	*	1.5	0.0	5.0
LGR382020U	*	2.0	0.2	6.0
LGR382520U	*	2.5	0.2	8.0
LGR383020U	*	3.0	0.2	8.0

Grooving Tools 槽刀

ATGTR

ISCAR

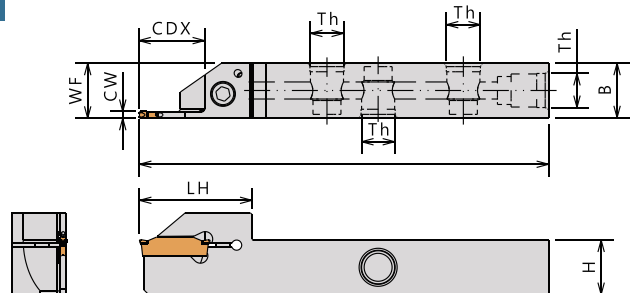
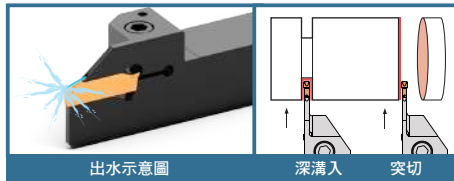


▼Recommended Inserts 建議刀片品牌：ISCAR

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	刀寬	切深	牙孔	刀片螺絲	止付螺絲	轉接頭	板手
		H	B	LF	WF	LH	CW	CDX	Th				
ATGTR1212-2J24	TAG-N2J	12	12	110	12.2	18.5	2	12	5/16"	-	CS9NN CS9-3003	AA-NP	LW040

ATSE

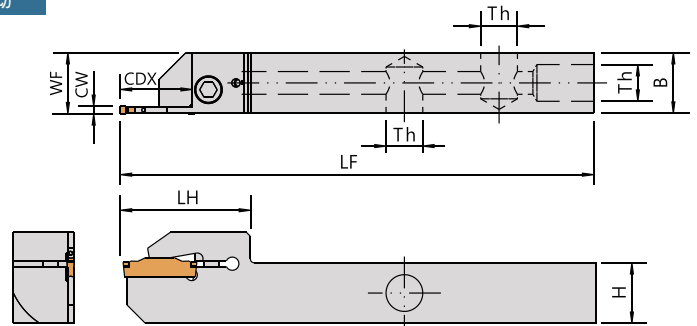
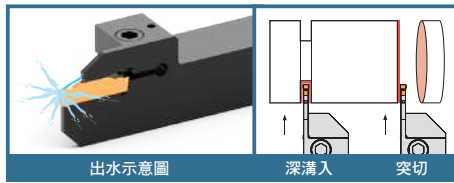
ACHTECK



▼Recommended Inserts 建議刀片品牌：ACHTECK

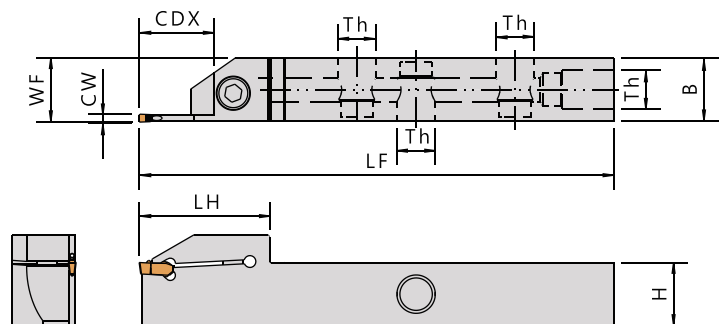
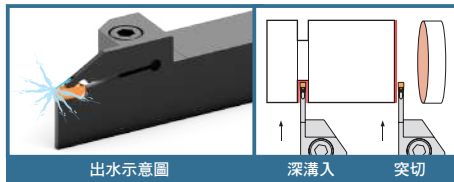
Order No.	Insert	Dimensions(mm)									Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	下巴厚	牙孔	刀片螺絲	止付螺絲	轉接頭	板手
		H	B	LF	WF	LH	CW	CDX	HBH	Th				
ATSER/L12B-2D24JS		12	12	120	12.15	33	2	12	3.5	5/16"	CSH0412	CS9NN CS9-2002	AA-NP	LW030 LW040
ATSER/L12B-2D36JS		12	12	120	12.15	33	2	18	3.5	5/16"		CS9NN CS9-2002		
ATSER/L16B-2D26JS		16	16	120	16.15	33	2	13	-	1/8"		CS9NQ CS9-2002	-	
ATSER/L16B-2D36JS		16	16	120	16.15	33	2	18	-	1/8"				

Grooving Tools 槽刀



▼Recommended Inserts 建議刀片品牌：TaeguTec

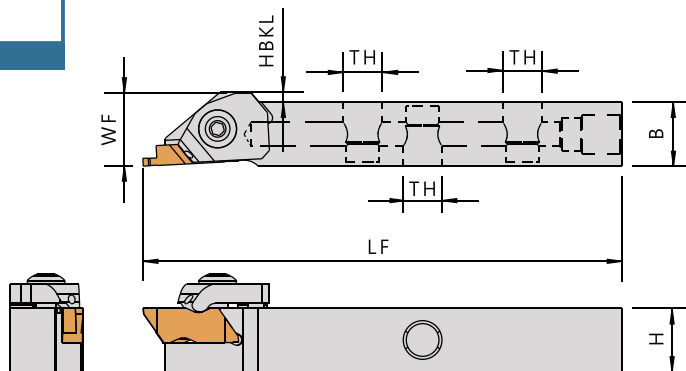
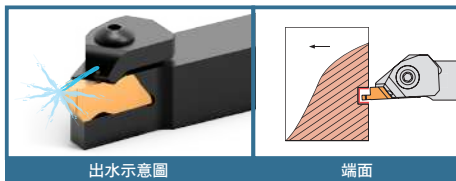
Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔				
		H	B	LF	WF	LH	CW	CDX	Th				
ATTER/L12B-2D36JS	TDJ2	12	12	125	12.2	33.6	2	18	5/16"	CSH0414	CS9NN CS9-2002	AA-NP	LW030 LW040
ATTER/L16B-2D36JS		16	16	125	16.2	33.6	2	18	1/8"	CSH0414	CS9NQ CS9-2002	-	



▼Recommended Inserts 建議刀片品牌：WIDIA

Order No.	Insert	Dimensions(mm)								Insert Screw	Coolant plug	Wrench
Right / Left		柄高	柄寬	總長	寬度	頭長	切寬	切深	牙孔			
		H	B	LF	WF	LH	CW	CDX	Th			
AWGCSMR/L16B-2D36JS	WC020M02	16	16	120	16.2	33	2	18	1/8"	CSH0516	CS9NQ CS9-3003	LW040
AWGCSMR25B-2D36J		25	25	150	25.2	33	2	18	1/8"	CSH0516	CS9NQ	

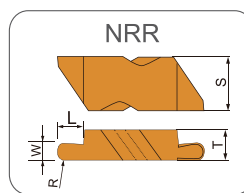
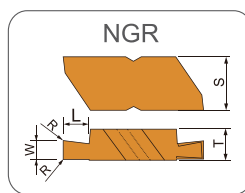
Grooving Tools 槽刀



▼Recommended Inserts 建議刀片品牌：KENNAMETAL/WIDIA/ACC

Order No.	Insert	Dimensions(mm)								Clamp	Clamp Screw	O-ring	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	頭長	切寬	切深	背面長度差	牙孔	壓板	壓板螺絲	O型環	止付螺絲	轉接頭	板手
		H	B	LF	LH	CW	CDX	HBKL	Th						
AUASR-1212JX2	N**R2 / NG2M	12	12	120	-	2	3.5	-	5/16"	CPK3A-A	CSH3512	WS04	CS9NN	AA-NP	LW025 LW040
AUASR-1616JX3	N**R3 / NG3M	16	16	120	-	3	5.3	2.5	1/8"	CPK1-A	CSB0516	WS04	CS9NQ	-	LW040

Order No.	Insert	Dimensions(mm)								Clamp	Clamp Screw	O-ring	Coolant plug	Adapter	Wrench
Right / Left		柄高	柄寬	總長	頭長	切寬	切深	背面長度差	牙孔	壓板	壓板螺絲	O型環	止付螺絲	轉接頭	板手
		H	B	LF	LH	CW	CDX	HBKL	Th						
AUSR/L-2525M3	N**R3 / NG3M	25	25	150	33	3	5.3	-	1/8"	CPK1-U	CSH0516	WS04	CS9NQ	-	LW040



Ordering Code	UN123	W	L	R	T	S
NGR21000	*	1.00	1.3	0.0	3.81	5.56
NGR21500	*	1.50	2.8	0.0	3.81	5.56
NGR22020	*	2.00	2.8	0.2	3.81	5.56
NGR22520	*	2.50	2.8	0.2	3.81	5.56
NGR31500	*	1.50	2.4	0.0	4.95	8.74
NGR32020	*	2.00	2.4	0.2	4.95	8.74
NGR32520	*	2.50	3.8	0.2	4.95	8.74
NGR33020	*	3.00	3.8	0.2	4.95	8.74

Ordering Code	UN123	W	L	R	T	S
NRR210050	*	1.00	1.5	0.50	3.81	5.56
NRR215075	*	1.50	2.5	0.75	3.81	5.56
NRR220100	*	2.00	2.5	1.00	3.81	5.56
NRR225125	*	2.50	2.5	1.25	3.81	5.56
NRR320100	*	2.00	2.0	1.00	4.95	8.74
NRR325125	*	2.50	3.5	1.25	4.95	8.74
NRR330150	*	3.00	3.5	1.50	4.95	8.74
NRR335175	*	3.50	3.5	1.75	4.95	8.74
NRR340200	*	4.00	3.5	2.00	4.95	8.74
NRR345225	*	4.50	3.5	2.25	4.95	8.74

Joint			Coupler		
Exterior	Item No.	Th	Exterior	Item No.	Th
	AA-NP1/8	R1/8-G1/8		AA-NWC1/8	R1/8
	AA-NP1/8L	R1/8-G1/8		AA-NWCP	Rc1/8

Hose			
Exterior	Item No.	牙孔	總長
		Th	LF
	AA-NHS200	G1/8	200
	AA-NHS300		300
	AA-NHS400		400
	AA-NHS500		500
	AA-NHS600		600
	AA-NHS800		800

※NPT=NPTF=美制錐螺紋

※BSPT=PT=R=RC=英制錐螺紋

※BSPP=BSP=PF=G=英制直螺紋