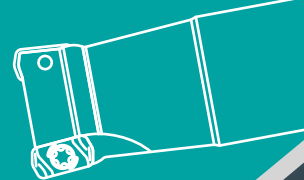
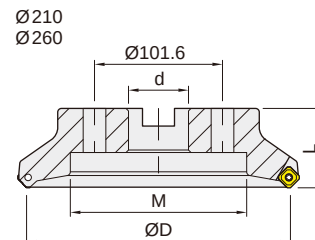
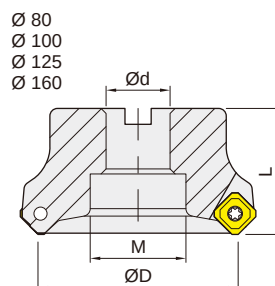
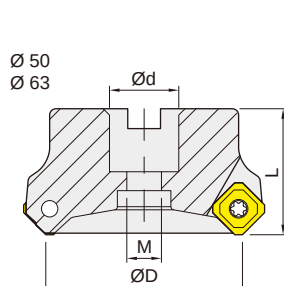
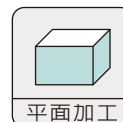


銑刀

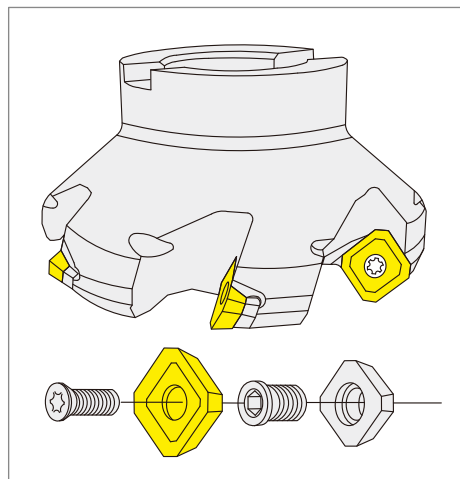
MILLING

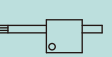




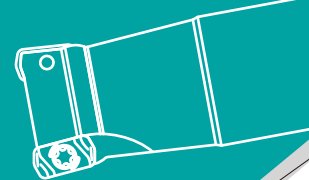
Metric

Item code		Dimensions,mm				Teeth		Insert	Weight Kg
Right hand	Left hand	D	d	L	M				
ASX445-050A03R-22.0	ASX445-050A03L-22.0	50	22.0	40	11	3	疏齒 Coarse	SE..13T3..	0.54
ASX445-063A04R-22.0	ASX445-063A04L-22.0	63	22.0	40	11	4		WE..13T3..	0.82
ASX445-080B04R-27.0	ASX445-080B04L-27.0	80	27.0	50	38	4			1.40
ASX445-100B05R-32.0	ASX445-100B05L-32.0	100	32.0	50	45	5			1.98
ASX445-125B06R-40.0	ASX445-125B06L-40.0	125	40.0	63	60	6			3.10
ASX445-160B07R-40.0	ASX445-160B07L-40.0	160	40.0	63	80	7			5.13
ASX445-050A04R-22.0	ASX445-050A04L-22.0	50	22.0	40	11	4	密齒 Normal	SE..13T3..	0.50
ASX445-063A05R-22.0	ASX445-063A05L-22.0	63	22.0	40	11	5		WE..13T3..	0.76
ASX445-080B06R-27.0	ASX445-080B06L-27.0	80	27.0	50	38	6			1.31
ASX445-100B07R-32.0	ASX445-100B07L-32.0	100	32.0	50	45	7			1.89
ASX445-125B08R-40.0	ASX445-125B08L-40.0	125	40.0	63	60	8			3.01
ASX445-160B10R-40.0	ASX445-160B10L-40.0	160	40.0	63	80	10			4.99
ASX445-050A05R-22.0	ASX445-050A05L-22.0	50	22.0	40	11	5	超密齒 Close	SE..13T3..	0.50
ASX445-063A06R-22.0	ASX445-063A06L-22.0	63	22.0	40	11	6		WE..13T3..	0.80
ASX445-080B08R-27.0	ASX445-080B08L-27.0	80	27.0	50	38	8			1.30
ASX445-100B10R-32.0	ASX445-100B10L-32.0	100	32.0	50	45	10			1.86
ASX445-125B12R-40.0	ASX445-125B12L-40.0	125	40.0	63	60	12			2.97
ASX445-160B16R-40.0	ASX445-160B16L-40.0	160	40.0	63	80	16			4.88



Shim	Screw	Wrench	Screw	Wrench
				
SSS445N	MDS05035S	PL35	MS3512B	ETF15

45 ° Face Milling Cutters (ASX)



Inch

Item code		Dimensions,mm				Teeth		Insert	Weight Kg
Right hand	Left hand	D	d	L	M				
ASX445-R05003C-25.4	ASX445-L05003C-25.4	50	25.4	50	13	3	疏齒 Coarse	SE..13T3..	0.64
ASX445-R06304C-25.4	ASX445-L06304C-25.4	63	25.4	50	13	4		WE..13T3..	0.99
ASX445-R08004C-25.4	ASX445-L08004C-25.4	80	25.4	50	38	4			1.44
ASX445-R10005D-31.75	ASX445-L10005D-31.75	100	31.75	50	45	5			2.00
ASX445-R12506E-38.1	ASX445-L12506E-38.1	125	38.1	63	60	6			3.18
ASX445-R16007F-50.8	ASX445-L16007F-50.8	160	50.8	63	80	7			4.75
ASX445-R21008K-47.625	ASX445-L21008K-47.625	210	47.625	63	140	8			8.70
ASX445-R26010K-47.625	ASX445-L26010K-47.625	260	47.625	63	180	10			13.29
ASX445-R05004C-25.4	ASX445-L05004C-25.4	50	25.4	50	13	4	密齒 Normal	SE..13T3..	0.61
ASX445-R06305C-25.4	ASX445-L06305C-25.4	63	25.4	50	13	5		WE..13T3..	0.96
ASX445-R08006C-25.4	ASX445-L08006C-25.4	80	25.4	50	38	6			1.35
ASX445-R10007D-31.75	ASX445-L10007D-31.75	100	31.75	50	45	7			1.91
ASX445-R12508E-38.1	ASX445-L12508E-38.1	125	38.1	63	60	8			3.09
ASX445-R16010F-50.8	ASX445-L16010F-50.8	160	50.8	63	80	10			4.60
ASX445-R21012K-47.625	ASX445-L21012K-47.625	210	47.625	63	140	12			8.53
ASX445-R26014K-47.625	ASX445-L26014K-47.625	260	47.625	63	180	14			13.12
ASX445-R05005C-25.4	ASX445-L05005C-25.4	50	25.4	50	13	5	超密齒 Close	SE..13T3..	0.61
ASX445-R06306C-25.4	ASX445-L06306C-25.4	63	25.4	50	13	6		WE..13T3..	0.99
ASX445-R08008C-25.4	ASX445-L08008C-25.4	80	25.4	50	38	8			1.34
ASX445-R10010D-31.75	ASX445-L10010D-31.75	100	31.75	50	45	10			1.89
ASX445-R12512E-38.1	ASX445-L12512E-38.1	125	38.1	63	60	12			3.05
ASX445-R16016F-50.8	ASX445-L16016F-50.8	160	50.8	63	80	16			4.49

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

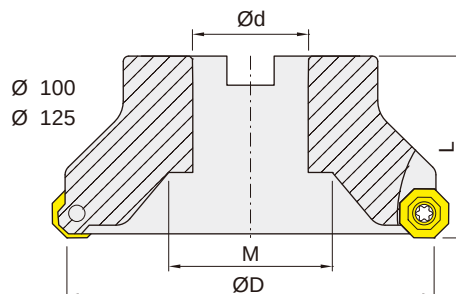
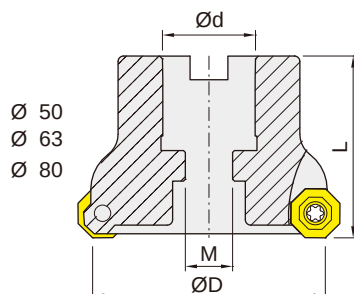
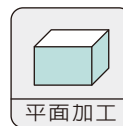
牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

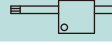
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Description	GRADE 材質					Insert Shape	Dimensions,mm			
	H1	ACP200	NV309	NM304	NW948		D	S	F	Re
SEMT13T3AGSN-JM			●		●		13.4	3.97	1.9	1.5
SEMT13T3AGSN-JH					●		13.4	3.97	1.9	1.5
SEGT13T3AGFN-JP				●			13.4	3.97	2.2	--
WEEW13T3AGER8C							16.6	3.97	7.5	1.5
WEEW13T3AGTR8C									7.5	

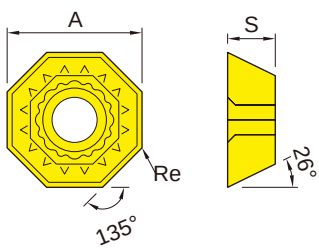


Metric

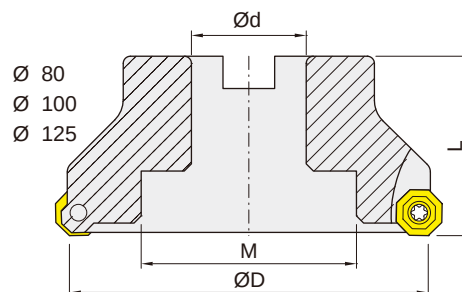
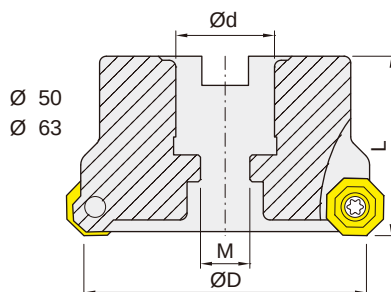
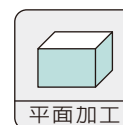
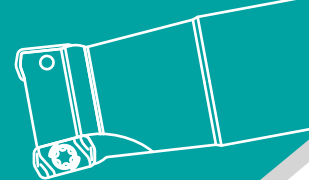
Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
MOF0545R-05004-22.0	50	22.0	40	11	4	OFMT050405ER-SH	MS4011A	ETF15	0.41
MOF0545R-06305-22.0	63	22.0	40	11	5				0.61
MOF0545R-08006-27.0	80	27.0	50	13	6				1.18
MOF0545R-10007-32.0	100	32.0	50	45	7				1.51
MOF0545R-12508-40.0	125	40.0	63	55	8				2.61

Inch

Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
MOF0545R-06305-25.4	63	25.4	50	13	5	OFMT050405ER-SH	MS4011A	ETF15	0.70
MOF0545R-08006-25.4	80	25.4	50	13	6				1.20
MOF0545R-10007-31.75	100	31.75	50	45	7				1.51
MOF0545R-12508-38.1	125	38.1	63	55	8				2.62

Description	GRADE 材質	Insert Shape	Dimensions,mm		
	PR830		A	S	Re
OFMT050405ER-SH			13.47	4.76	0.5

TFM45°面銑刀 45° Face Milling Cutters (TFM)



Metric

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
TFM435R-05005-22.0	50	22.0	40	11	5	OFMT05T3 TN-ML	MS4011A	ETF15	0.39
TFM435R-06306-22.0	63	22.0	40	11	6				0.66
TFM435R-08007-27.0	80	27.0	50	38	7				1.01
TFM435R-10008-32.0	100	32.0	50	46	8				1.48
TFM435R-12509-40.0	125	40.0	63	60	9				2.71

Inch

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
TFM435R-06306-25.4	63	25.4	50	13	6	OFMT05T3 TN-ML	MS4011A	ETF15	0.80
TFM435R-08007-25.4	80	25.4	50	13	7				1.05
TFM435R-10008-31.75	100	31.75	50	46	8				1.57
TFM435R-12509-38.1	125	38.1	63	60	9				2.81
TFM435R-16011-50.8	160	50.8	63	80	11				4.41

Description	GRADE 材質	Insert Shape	Dimensions,mm		
	TT8020		A	S	Re
OFMT05T3 TN-ML			12.7	3.8	0.6

內徑車刀
BORING BARS

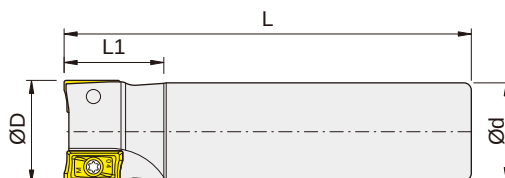
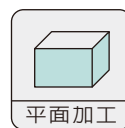
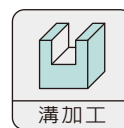
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



內徑車刀
BORING BARS

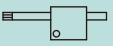
外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

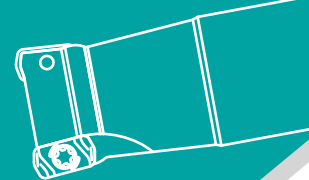
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
NEW APM121-S12-100	12	12	100	22	1	AOMT-1236..	MS2505B	ETF09	0.09
APM131-S12-130	13	12	130	22	1		MS2506B		0.13
APM162-S16-150	16	16	150	28	2				0.24
APM162-S16-200	16	16	200	28	2				0.32
APM172-S16-150	17	16	150	20	2				0.24
APM172-S16-200	17	16	200	20	2				0.32
APM182-S20-150	18	20	150	25	2				0.37
APM182-S20-200	18	20	200	25	2				0.49
APM192-S20-150	19	20	150	25	2				0.37
APM192-S20-200	19	20	200	25	2				0.49
APM202-S20-150	20	20	150	30	2				0.37
APM202-S20-200	20	20	200	30	2				0.49
APM203-S20-150	20	20	150	30	3				0.37
APM203-S20-200	20	20	200	30	3				0.49
APM212-S20-150	21	20	150	20	2				0.37
APM212-S20-200	21	20	200	20	2				0.49
APM213-S20-150	21	20	150	20	3				0.37
APM213-S20-200	21	20	200	20	3				0.49
APM222-S20-150	22	20	150	30	2				0.37
APM222-S20-200	22	20	200	30	2				0.49
APM223-S20-150	22	20	150	30	3				0.37
APM232-S25-150	23	25	150	30	2				0.58
APM232-S25-200	23	25	200	30	2				0.77
APM243-S25-150	24	25	150	35	3				0.58
APM243-S25-200	24	25	200	35	3				0.77
APM253-S25-150	25	25	150	35	3				0.58
APM253-S25-200	25	25	200	35	3				0.77
APM254-S25-150	25	25	150	35	4				0.58
NEW APM254-S25-200	25	25	200	35	4				0.77

Shoulder/Cutting End Mills (APM)



內徑車刀
BORING BARS

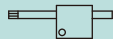
外徑車刀
TOOL HOLDERS

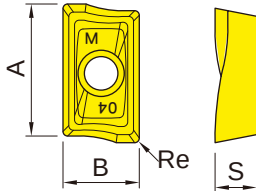
牙刀 & 開槽刀
THREADING & GROOVING

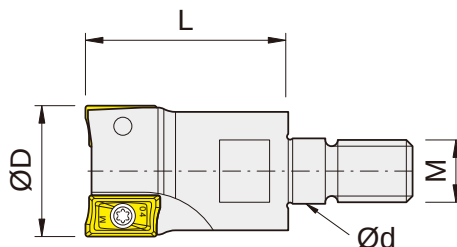
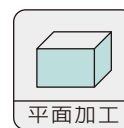
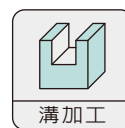
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

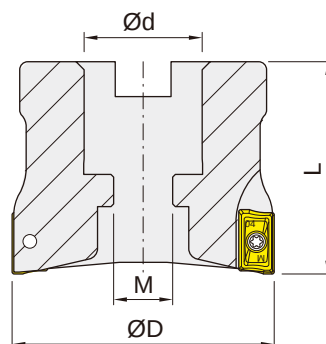
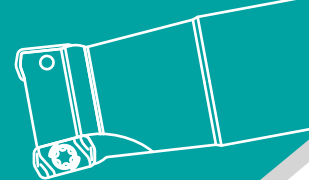
Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
APM263-S25-150	26	25	150	25	3	AOMT-1236..	MS2506B	ETF09	0.58
APM263-S25-200	26	25	200	25	3				0.77
APM264-S25-150	26	25	150	25	4				0.58
APM264-S25-200	26	25	200	25	4				0.77
APM323-S32-150	32	32	150	40	3				0.95
APM323-S32-200	32	32	200	40	3				1.26
NEW APM323-S32-250	32	32	250	40	3				1.58
APM324-S32-150	32	32	150	40	4				0.95
APM324-S32-200	32	32	200	40	4				1.26
NEW APM324-S32-250	32	32	250	40	4				1.58
APM333-S32-150	33	32	150	32	3				0.95
APM333-S32-200	33	32	200	32	3				1.26
NEW APM333-S32-250	33	32	250	32	3				1.58
APM334-S32-150	33	32	150	32	4				0.95
APM334-S32-200	33	32	200	32	4				1.26
NEW APM334-S32-250	33	32	250	32	4				1.58
APM353-S32-150	35	32	150	32	3				0.95
APM353-S32-200	35	32	200	32	3				1.26
NEW APM353-S32-250	35	32	250	32	3				1.58
APM354-S32-150	35	32	150	32	4				0.95
APM354-S32-200	35	32	200	32	4				1.26
NEW APM354-S32-250	35	32	250	32	4				1.58
NEW APM354-S32-300	35	32	300	32	4				1.89

Description	GRADE 材質				Insert Shape 	Dimensions,mm			
	NW948	NM413	NW950	NV313		A	B	S	Re
AOGT123604PEFR-GM		●				12	6.6	3.6	0.4
AOMT123604PEER-M	●								0.4
AOMT123608PEER-M	●								0.8
AOMT123604PEER-H	●								0.4

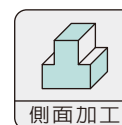


Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
APM162-MD14	16	8.5	26	M8	2	AOMT-1236..	MS2506B	ETF09	0.05
APM172-MD14	17	8.5	26	M8	2				0.05
APM202-MD18	20	10.5	30	M10	2				0.07
APM203-MD18	20	10.5	30	M10	3				0.07
APM212-MD18	21	10.5	30	M10	2				0.07
APM213-MD18	21	10.5	30	M10	3				0.07
APM253-MD23	25	12.5	35	M12	3				0.12
APM254-MD23	25	12.5	35	M12	4				0.12
APM263-MD23	26	12.5	35	M12	3				0.12
APM264-MD23	26	12.5	35	M12	4				0.12
APM323-MD29	32	17	43	M16	3				0.25
APM324-MD29	32	17	43	M16	4				0.24
APM333-MD29	33	17	43	M16	3				0.25
APM334-MD29	33	17	43	M16	4				0.25
APM353-MD29	35	17	43	M16	3				0.26
APM354-MD29	35	17	43	M16	4				0.26

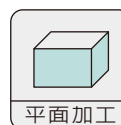
Shoulder/Cutting End Mills (APM)



溝加工



側面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

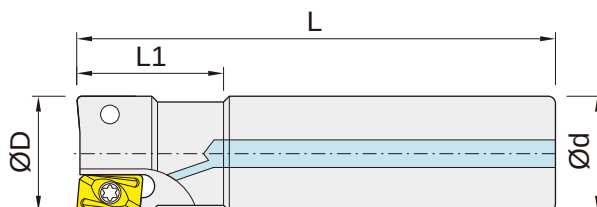
Metric

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
APM05004-22.0	50	22.0	40	11	4	AOMT-1236..	MS2506B	ETF09	0.41
APM05007-22.0	50	22.0	40	11	7				0.38
APMB05005-22.0	50	22.0	40	11	5	AOMT1848..	MS4009A	ETF15	0.34
APMB06306-22.0	63	22.0	40	11	6		MS4011A		0.55

Inch

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
APM05007-25.4	50	25.4	50	13	7	AOMT-1236..	MS2506B	ETF09	0.40
APM06308-25.4	63	25.4	50	13	8				0.73
APM08009-25.4	80	25.4	50	13	9				1.12
APMB08007-25.4	80	25.4	50	13	7	AOMT1848..	MS4011A	ETF15	1.29

Description	GRADE 材質				Insert Shape	Dimensions,mm			
	NW948	NM413	NW950	NV313		A	B	S	Re
AOGT123604PEFR-GM		●				12	6.6	3.6	0.4
AOMT123604PEER-M	●								0.4
AOMT123608PEER-M	●								0.8
AOMT123604PEER-H	●								0.4
AOMT184804PEER-H				●		18	9	4.8	0.4
AOMT184808PEER-M			●						0.8



內徑車刀
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TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

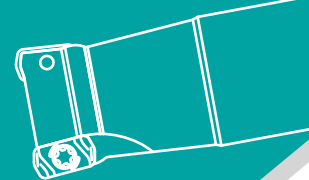
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1	Teeth			
BAP3-14.22-S16-100		14.2	16	100	20	2	APMT1135....	①	0.16
BAP3-15.5-S16-100		15.5			25				0.16
BAP3-162-S16-100	BAP3-162-A16-100	16			28				0.16
BAP3-162-S16-150	BAP3-162-A16-150		150	0.24					
BAP3-162-S16-200			200	0.32					
BAP3-172-S16-150		17	150	20	0.24				
BAP3-172-S16-200			200		0.32				
BAP3-182-S20-100		18	20	100	28				0.25
BAP3-182-S20-150				150					0.37
BAP3-202-S20-110		20		110					0.27
BAP3-202-S20-150			150	0.37					
BAP3-202-S20-200			200	0.49					
BAP3-203-S20-110	BAP3-203-A20-110		110	25	3				0.27
BAP3-203-S20-125			125						0.31
BAP3-203-S20-150			150						0.37
BAP3-203-S20-200	BAP3-203-A20-200		200						0.49
BAP3-212-S20-150		21	150		2				0.37
BAP3-212-S20-200			200						0.49
BAP3-213-S20-150					150				3
BAP3-213-S20-200			200	0.49					
BAP3-21.3-S20-150		21.3	150						0.37
BAP3-222-S20-150		22	150		2				0.37
BAP3-222-S20-200			200						0.49
BAP3-223-S20-150					150				3
BAP3-243-S25-125		24	25	125	35				0.48
BAP3-243-S25-150				150					0.58
BAP3-253-S25-100		25		100					0.39
BAP3-253-S25-125			125	0.48					
BAP3-253-S25-150			150	0.58					
BAP3-253-S25-200			200	0.77					
BAP3-254-S25-100			100	4					0.39
BAP3-254-S25-120	BAP3-254-A25-120		120						0.46
BAP3-254-S25-150			150						0.58
BAP3-254-S25-200			200	0.77					
BAP3-263-S25-150		26	150	3					0.58
BAP3-263-S25-200			200						0.77
BAP3-264-S25-150				150					4
BAP3-264-S25-200			200	0.77					

Shoulder/Cutting End Mills (BAP)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

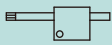
牙刀 & 開槽刀
THREADING & GROOVING

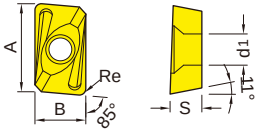
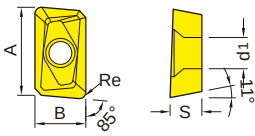
銑刀
MILLING

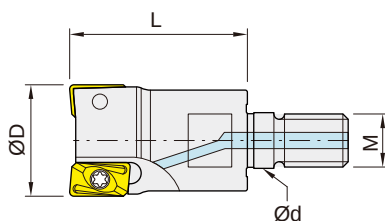
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1	Teeth			
NEW BAP3-323-S32-150		32	32	150	35	3	APMT1135....	①	0.95
NEW BAP3-323-S32-200		32	32	200	35	3			1.26
BAP3-324-S32-150		32	32	150	35	4			0.95
BAP3-324-S32-200		32	32	200	35	4			1.26
NEW BAP3-325-S32-130	BAP3-325-A32-130	32	32	130	35	5			0.82
NEW BAP4-252-S25-120	BAP4-252-A25-120	25	25	120	40	2	APMT1604....	②	0.45
NEW BAP4-252-S25-125		25	25	125	40	2			0.48
BAP4-252-S25-150		25	25	150	40	2			0.58
BAP4-252-S25-200		25	25	200	40	2			0.77
BAP4-262-S25-150		26	25	150	30	2			0.58
NEW BAP4-262-S25-200		26	25	200	30	2			0.77
BAP4-292-S32-150		29	32	150	40	2			0.95
BAP4-322-S32-150		32	32	150	45	2			0.95
BAP4-322-S32-200		32	32	200	45	2			1.26
NEW BAP4-322-S32-250		32	32	250	45	2			1.58
NEW BAP4-323-S32-130	BAP4-323-A32-130	32	32	130	45	3	APMT1604....	③	0.82
NEW BAP4-323-S32-150		32	32	150	45	3			0.95
BAP4-323-S32-200		32	32	200	45	3			1.26
NEW BAP4-323-S32-250		32	32	250	45	3			1.58
BAP4-332-S32-150		33	32	150	35	2			0.95
BAP4-332-S32-200		33	32	200	35	2			1.26
BAP4-332-S32-250		33	32	250	35	2			1.58
BAP4-333-S32-150		33	32	150	35	3			0.95
BAP4-333-S32-200		33	32	200	35	3			1.26
BAP4-333-S32-250		33	32	250	35	3			1.58
BAP4-353-S32-150		35	32	150	35	3			0.95
BAP4-353-S32-200		35	32	200	35	3			1.26
BAP4-353-S32-250		35	32	250	35	3			1.58

Insert	Spare parts	Screw 	Wrench 
APMT1135....	①	MS2506E	ETF08
APMT1604....	②	MS4009A	ETF15
APMT1604....	③	MS4011A	ETF15

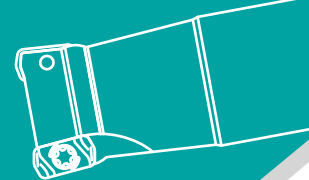
Description	GRADE 材質		Insert Shape	Dimensions,mm				
	NW948	NM304		A	B	S	d1	Re
APMT1135PDER-H2	●	●		11.0	6.350	3.50	2.85	0.8
APMT1135PDER-M2	●							
APMT1604PDER-H2	●			16.5	9.525	4.76	4.40	0.8
APMT1604PDER-M2	●							
APGT1604PDRF-G2		●						



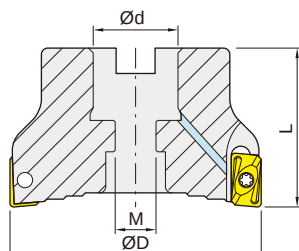
SPARE PARTS 配件

Insert	Spare parts	Screw 	Wrench 
APMT1135....	①	MS2506E	ETF08
APMT1604....	②	MS4009A	ETF15
APMT1604....	③	MS4011A	ETF15

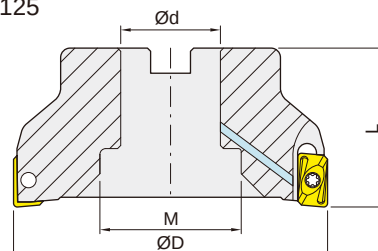
Shoulder/Cutting End Mills (BAP)



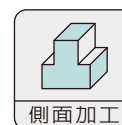
Ø 50
Ø 63
Ø 66
Ø 80



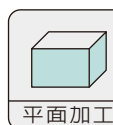
Ø 100
Ø 125



溝加工



側面加工



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銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Metric

Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M	Teeth			
NEW BAP3-405-16.0		40	16.0	40	9	5	APMT1135...	①	0.33
	BAP3-406-A16.0	40	16.0	40	9	6			0.33
BAP3-505-22.0		50	22.0	40	11	5			0.41
NEW BAP3-507-22.0	BAP3-507-A22.0	50	22.0	40	11	7			0.40
NEW BAP3-638-22.0	BAP3-638-A22.0	63	22.0	40	11	8			0.75
NEW BAP3-809-27.0		80	27.0	50	13	9	APMT1604...	③	1.15
NEW BAP4-404-16.0	BAP4-404-A16.0	40	16.0	40	9	4			0.23
BAP4-504-22.0		50	22.0	50	11	4			0.54
NEW BAP4-505-22.0	BAP4-505-A22.0	50	22.0	50	11	5			0.51
NEW BAP4-635-22.0		63	22.0	50	11	5			0.77
NEW BAP4-636-22.0	BAP4-636-A22.0	63	22.0	50	11	6			0.75
BAP4-806-27.0		80	27.0	50	13	6			1.18
NEW BAP4-808-27.0	BAP4-808-A27.0	80	27.0	50	13	8			1.14
BAP4-1008-32.0		100	32.0	50	45	8			1.65
NEW BAP4-1259-40.0		125	40.0	63	60	9			2.33

Inch

Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M	Teeth			
BAP3-638-25.4		63	25.4	50	13	8	APMT1135...	①	0.75
BAP3-809-25.4		80	25.4	50	13	9			1.17
BAP4-504-25.4		50	25.4	50	13	4	APMT1604...	③	0.50
BAP4-605-25.4		60	25.4	50	13	5			0.68
BAP4-635-25.4		63	25.4	50	13	5			0.73
BAP4-664-25.4		66	25.4	50	13	4			0.80
BAP4-665-25.4		66	25.4	50	13	5			0.72
BAP4-806-25.4		80	25.4	50	13	6			1.21
BAP4-1008-31.75		100	31.75	50	45	8			1.65
NEW BAP4-1108-31.75		110	31.75	50	45	8			2.00
BAP4-1259-38.1		125	38.1	50	60	9			2.33

Description	GRADE 材質		Insert Shape	Dimensions,mm				
	NW948	NM304		A	B	S	d1	Re
APMT1135PDER-H2	●	●		11.0	6.35	3.5	2.85	0.8
APMT1135PDER-M2	●							
APMT1604PDER-H2	●			16.5	9.525	4.76	4.4	0.8
APMT1604PDER-M2	●							
APGT1604PDFR-G2		●						



FIG-1

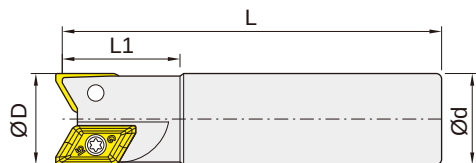


FIG-2

Ø 50

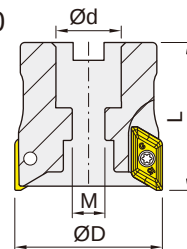


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
BXD15-252-S25-125	25	25	125	50	2	XDGT1550PD..	①	0.48
BXD15-252-S25-160	25	25	160	50	2			0.62
BXD15-252-S25-200	25	25	200	50	2			0.77
BXD15-322-S32-150	32	32	150	50	2		②	0.95
BXD15-322-S32-200	32	32	200	50	2			1.26
BXD15-322-S32-250	32	32	250	50	2			1.58

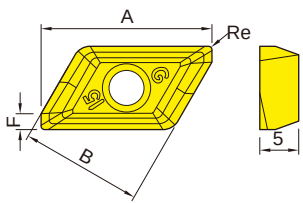
Metric

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
BXD15-504A-22.0	50	22.0	50	11	4	XDGT1550PD..	③	0.42
BXD15-635A-22.0	63	22.0	50	11	5			0.73

Inch

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
BXD15-504A-25.4	50	25.4	50	13	4	XDGT1550PD..	③	0.34
BXD15-635A-25.4	63	25.4	50	13	5			0.61
BXD15-805A-25.4	80	25.4	50	13	5			1.08

Insert	Spare parts	Screw	Wrench
XDGT1550PD...	①	MS4008A	ETF15
XDGT1550PD...	②	MS4009A	ETF15
XDGT1550PD...	③	MS4011A	ETF15

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	NW948	LC15TF		A	B	F	Re
XDGT1550PDER-G04	●			22	16	1.5	0.4
XDGT1550PDER-G08				22		1.1	0.8
XDGT1550PDER-G12				22		0.7	1.2
XDGT1550PDER-G16				22		0.4	1.6
XDGT1550PDER-G20				21.7		0.2	2.0
XDGT1550PDER-G30				20		0.6	3.0
XDGT1550PDER-G32				20		0.4	3.2

ASV 直角端銑刀 Shoulder/Cutting End Mills (ASV)

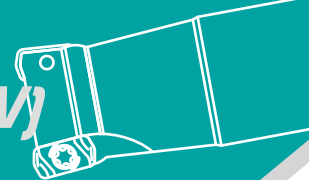
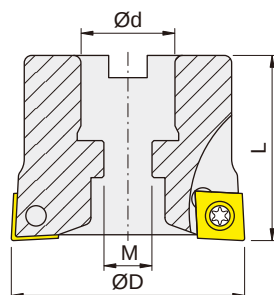
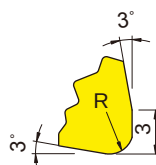


FIG-1



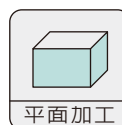
Magnified diagram of set insert



溝加工



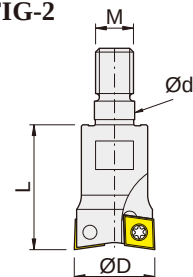
側面加工



平面加工



FIG-2



Metric

FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
ASV503-22.0	50	22.0	50	11	3	MPHW120516ZEL	MS5011A	ETF20	0.44
ASV805-32.0	80	32.0	50	13	5				0.94

Inch

FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
ASV634-25.4	63	25.4	50	13	4	MPHW120516ZEL	MS5011A	ETF20	0.68
ASV805-31.75	80	31.75	50	13	5				0.95

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
AJC162-MD14	16	8.5	23	M8	2	CCMT060204	MS2506A	ETF09	0.04
AJC173-MD14	17	8.5	23	M8	3				0.05
AJC203-MD18	20	10.5	30	M10	3				0.08
AJC214-MD18	21	10.5	30	M10	4				0.07
AJC254-MD23	25	12.5	35	M12	4				0.13
AJC265-MD23	26	12.5	35	M12	5				0.12

NEW

NEW

Description	GRADE 材質			Insert Shape	Dimensions,mm			
	CY100H	CY250V	CY250		A	S	Re	d1
MPHW120516ZEL	○	○			12.7	5.56	1.6	
MPHW120516ZFL					12.7	5.56	1.6	
MPMT120508ZEL					12.7	5.56	0.8	
MPMT120516ZEL					12.7	5.56	1.6	
CCMT060204			●		6.35	2.38	0.4	2.8

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孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



FIG-1

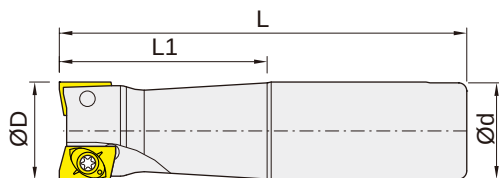


FIG-2

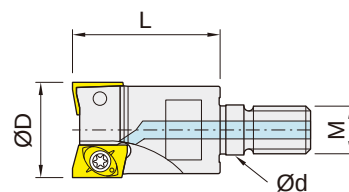


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
ASM07-081-S10-100		8	10	100	14	1	JDMT0702..	①	0.06
ASM07-091-S10-100		9	10	100	14	1			0.06
ASM07-102-S10-120		10	10	120	18	2			0.07
NEW ASM07-112-S10-120		11	10	120	16	2			0.07
NEW ASM07-122-S12-120		12	12	120	18	2			0.11
ASM07-123-S12-120		12	12	120	18	3			0.11
NEW ASM07-133-S12-120		13	12	120	18	3			0.13
ASM07-143-S12-120		14	12	120	18	3			0.11
ASM07-164-S16-150		16	16	150	25	4			0.24
ASM07-174-S16-150		17	16	150	25	4			0.24

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
NEW ASM07-102-MD10		10	5.5	16	M5	2	JDMT0702..	①	0.02
NEW ASM07-112-MD10	ASM07-112-AMD10	11	5.5	16	M5	2			0.02
NEW ASM07-123-MD11	ASM07-123-AMD11	12	6.5	18	M6	3			0.03
NEW ASM07-132-MD11	ASM07-132-AMD11	13	6.5	18	M6	2			0.03
NEW ASM07-133-MD11		13	6.5	18	M6	3			0.03
NEW ASM07-164-MD14	ASM07-164-AMD14	16	8.5	20	M8	4			0.05
NEW ASM07-174-MD14	ASM07-174-AMD14	17	8.5	20	M8	4			0.05
ASM07-205-MD18		20	10.5	25	M10	5			0.07
ASM07-255-MD23		25	12.5	28	M12	5			0.12

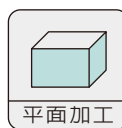
ASM..R 直角端銑刀 Shoulder/Cutting End Mills (ASM..R)



溝加工



側面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



FIG-1

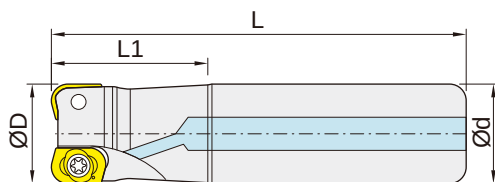


FIG-2

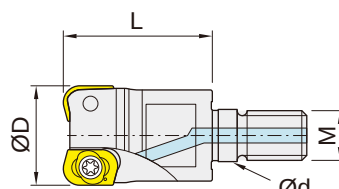
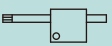
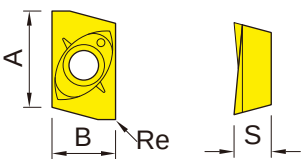
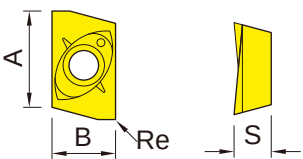
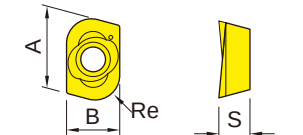
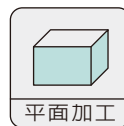
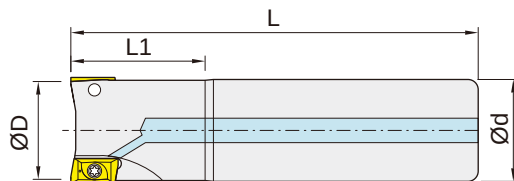


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
NEW ASM07-102-S10-120R	ASM07-102-A10-120R	10	10	120	18	2	EDMT070220R	②	0.07
NEW ASM07-123-S12-120R	ASM07-123-A12-120R	12	12	120	18	3			0.11
NEW	ASM07-143-A12-120R	14	12	120	18	3			0.11
NEW ASM07-164-S16-150R	ASM07-164-A16-150R	16	16	150	25	4			0.24
NEW ASM07-174-S16-150R	ASM07-174-A16-150R	17	16	150	25	4			0.24

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
NEW ASM07-102-MD10R	ASM07-102-AMD10R	10	5.5	16	M5	2	EDMT070220R	②	0.02
NEW ASM07-112-MD10R	ASM07-112-AMD10R	11	5.5	16	M5	2			0.02
NEW ASM07-123-MD11R	ASM07-123-AMD11R	12	6.5	18	M6	3			0.03
NEW ASM07-132-MD11R	ASM07-132-AMD11R	13	6.5	18	M6	2			0.03
NEW ASM07-164-MD14R	ASM07-164-AMD14R	16	8.5	20	M8	4			0.05
NEW ASM07-174-MD14R	ASM07-174-AMD14R	17	8.5	20	M8	4			0.05
NEW ASM07-205-MD18R	ASM07-205-AMD18R	20	10.5	25	M10	5			0.07
NEW ASM07-255-MD23R	ASM07-255-AMD23R	25	12.5	28	M12	5			0.12

Insert	Spare parts	Screw 	Wrench 
JDMT0702..	①	MS1804A	ETF06
EDMT070220R	②	MS1804A	ETF06

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	PTH30E	JP4120		A	B	S	Re
JDMT070202R	●			6.4	4.3	2.45	0.2
JDMT070204R						2.45	0.4
JDMT070208R						2.45	0.8
EDMT070220R-T		○				2.5	2.0



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

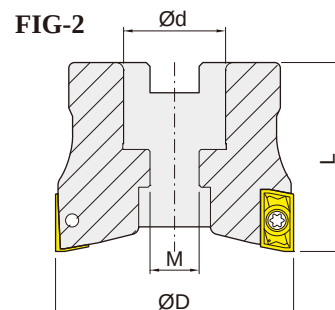
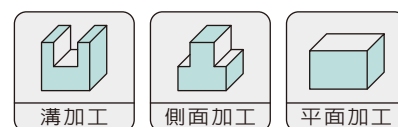
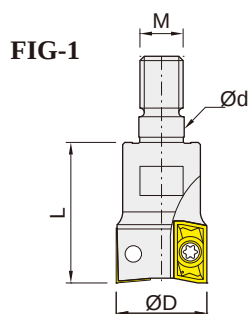
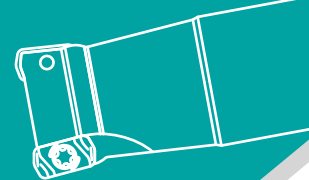
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
AHU10-162-S16-100		16	16	100	30	2	JDMT1003..R	①	0.16
AHU10-162-S16-150				150					0.24
AHU10-162-S16-200				200					0.32
AHU10-172-S16-150		17	16	150	25	2			0.24
AHU10-172-S16-200				200					0.32
AHU10-182-S16-150		18	16	150	25	2			0.24
AHU10-182-S16-200				200					0.32
AHU10-203-S20-110		20	20	110	30	3			0.27
NEW AHU10-203-S20-150	AHU10-203-A20-150			150					0.37
AHU10-203-S20-200				200					0.49
AHU10-213-S20-150		21	20	150	30	3			0.37
AHU10-213-S20-200				200					0.49
AHU10-222-S20-150		22	20	150	30	2			0.37
AHU10-222-S20-200				200					0.49
AHU10-253-S25-150		25	25	150	35	3			0.58
AHU10-253-S25-200				200					0.77
AHU10-254-S25-125		25	25	125	35	4			0.48
NEW AHU10-254-S25-150	AHU10-254-A25-150			150					0.58
AHU10-254-S25-200				200					0.77
NEW AHU10-254-S25-250				250					0.96
AHU10-263-S25-150		26	25	150	30	3			0.58
AHU10-263-S25-200				200					0.77
NEW AHU10-264-S25-150	AHU10-264-A25-150	26	25	150	30	4			0.58
AHU10-264-S25-200				200					0.77
AHU10-335-S32-200		33	32	200	35	5	JDMT1505..R	②	1.26
AHU15-252-S25-125		25	25	125	40	2			0.48
AHU15-252-S25-150				150					0.58
AHU15-252-S25-200				200					0.77
NEW AHU15-252-S25-250				250					0.96
NEW AHU15-262-S25-150		26	25	150	40	2			0.59
NEW AHU15-262-S25-200				200					0.79
AHU15-302-S25-125		30	25	125	35	2			0.48
AHU15-302-S25-150				150					0.58
AHU15-302-S25-200				200					0.77
AHU15-323-S32-150		32	32	150	45	3			0.95
AHU15-323-S32-200				200					1.26
AHU15-323-S32-250				250					1.58
AHU15-323-S32-300				300					1.89
AHU15-333-S32-150		33	32	150	45	3			0.95
AHU15-333-S32-200				200					1.26
NEW AHU15-333-S32-250				250					1.58
NEW AHU15-333-S32-300				300					1.89
AHU15-353-S32-150		35	32	150	45	3			0.95
AHU15-353-S32-200				200					1.26
AHU15-353-S32-250				250					1.58
AHU15-353-S32-300				300					1.89

Shoulder/Cutting End Mills (AHU)



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

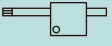
孔加工
BORING TOOLS COMPONENTS

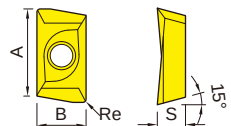
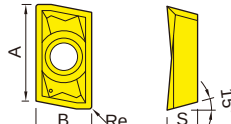
配件
SPARE PARTS

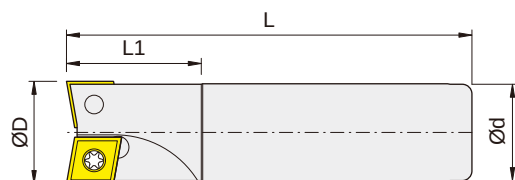
FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
AHU10-162-MD14		16	8.5	25	M8	2	JDMT1003..R..	①	0.04
AHU10-172-MD14		17							0.05
AHU10-203-MD18		20	10.5	30	M10	3			0.07
AHU10-213-MD18		21							0.07
AHU10-253-MD23		25	12.5	32	M12	3			0.13
AHU10-254-MD23		25				4			0.12
AHU10-263-MD23		26				3			0.14
AHU10-264-MD23		26				4	JDMT1505..R..	②	0.14
AHU15-252-MD23		25	12.5	35	M12	2			0.14
AHU15-323-MD29		32	17.0	43	M16	3			0.29
AHU15-332-MD29		33				2			0.31
AHU15-353-MD29		35				3			0.34
AHU15-404-MD29		40				4			0.43

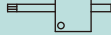
Metric

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
AHU15-505-22.0		50	22.0	40	11	5	JDMT1505..R..	②	0.36
AHU15-505-27.0		50	27.0	50	13	5			0.44
AHU15-635-27.0		63						③	0.74
AHU15-805-27.0		80							1.34

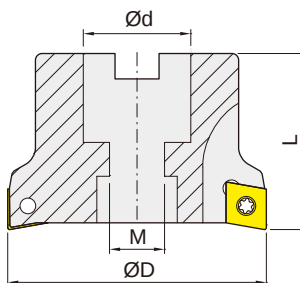
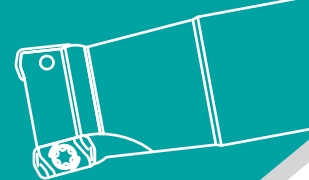
Insert	Spare parts	Screw 	Wrench 
JDMT1003..R	①	MS2506A	ETF09
JDMT1505..R	②	MS4009A	ETF15
JDMT1505..R	③	MS4011A	ETF15

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	PTH30E	WH10		A	B	S	Re
JDMT100308R	●			10.8	6.1	3.5	0.8
JDET100304R-FA		●					0.4
JDMT150508R	●			15.8	9.1	5	0.8
JDET150504R-FA		●					0.4



Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg	
	D	d	L	L1						
HCP09-161-S16-150	16	16	150	30	1	CPMT090308	MS4008A	ETF15	0.24	
HCP09-161-S16-200			200						0.32	
HCP09-171-S16-150	17	16	150	20	1				0.24	
HCP09-171-S16-200			200						0.32	
HCP09-212-S20-150	21	20	150	25	2				MS4009A	0.37
HCP09-212-S20-200			200							0.49
HCP09-252-S25-150	25	25	150	40	2		0.58			
HCP09-252-S25-200			200				0.77			
HCP09-262-S25-150	26	25	150	30	2		MS4011A			0.58
HCP09-262-S25-200			200							0.77
HCP09-262-S25-250			250						0.96	
HCP09-332-S32-150	33	32	150	40	2				0.95	
HCP09-332-S32-200			200						1.26	
HCP09-332-S32-250			250						1.58	
HCP09-332-S32-300			300				1.89			
HCP09-333-S32-150	33	32	150	40	3		0.95			
HCP09-333-S32-200			200				1.26			
HCP09-333-S32-250			250				1.58			
HCP09-333-S32-300			300				1.89			
HCP12-332-S32-150	33	32	150	40	2	CPMT120408	MS5011A	ETF20	0.95	
HCP12-332-S32-200			200						1.26	
HCP12-332-S32-250			250						1.58	
HCP12-332-S32-300			300						1.89	

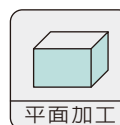
Shoulder/Cutting End Mills (HCP)



溝加工



側面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

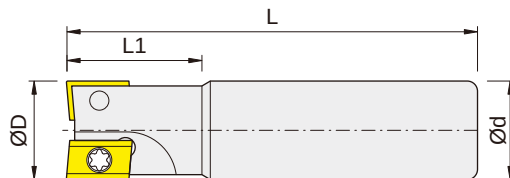
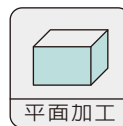
Metric

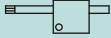
Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
HCP09-504-22.0	50	22.0	50	11	4	CPMT090308	MS4011A	ETF15	0.44
HCP12-504-22.0	50	22.0	50	11	4	CPMT120408	MS5011A	ETF20	0.46

Inch

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
HCP09-504-25.4	50	25.4	50	13	4	CPMT090308	MS4011A	ETF15	0.43
HCP09-634-25.4	63				4	CPMT120408	MS5011A	ETF20	0.69
HCP12-504-25.4	50				4				0.43
HCP12-634-25.4	63				4				0.72
HCP12-664-25.4	66	80	80	13	5	CPMT120408	MS5011A	ETF20	0.78
HCP12-805-25.4	80								1.16

Description	GRADE 材質		Insert Shape	Dimensions,mm				
	CY100H	CY250		A	S	Re	d1	θ°
CPMT090308		●		9.525	3.18	0.8	4.4	11
CPMT120408		●		12.7	4.76	0.8	5.5	11



Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg		
	D	d	L	L1							
C12-SS121-150	12	12	150	25	1	APET120204	MS3506A	ETF15	0.13		
C12-SS131-150	13	12	150	20	1				0.13		
C16-SS161-150	16	16	150	30	1		MS3507A			0.24	
C16-SS161-200			200							0.32	
C16-SS171-150	17	16	150	30	1					0.24	
C16-SS171-200			200							0.32	
C20-SS202-150	20	20	150	30	2					0.37	
C20-SS202-200			200							0.49	
C20-SS212-150	21	20	150	30	2					0.37	
C20-SS212-200			200							0.49	
C25-SS252-150	25	25	150	40	2	ADET160308		MS4009A		ETF15	0.58
C25-SS252-200			200								0.77
C25-SS252-250			250				0.96				
C25-SS262-150	26	25	150	30	2		0.58				
C25-SS262-200			200				0.77				
C25-SS262-250			250				0.96				
C32-SS322-150	32	32	150	45	2		0.95				
C32-SS322-200			200				1.26				
C32-SS322-250			250				1.58				
C32-SS322-300			300				1.89				
C32-SS323-150	32	32	150	45	3		0.95				
C32-SS323-200			200				1.26				
C32-SS323-250			250				1.58				
C32-SS323-300			300				1.89				
C32-SS332-150	33	32	150	35	2		0.95				
C32-SS332-200			200				1.26				
C32-SS332-250			250				1.58				
C32-SS332-300			300				1.89				
C32-SS333-150	33	32	150	35	3		0.95				
C32-SS333-200			200				1.26				
C32-SS333-250			250				1.58				
C32-SS333-300			300				1.89				

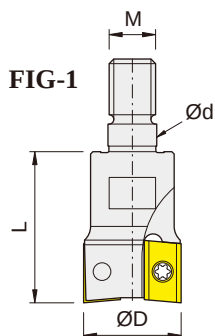
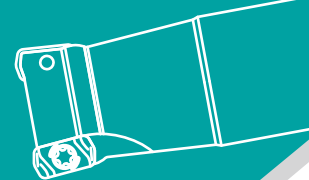
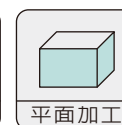
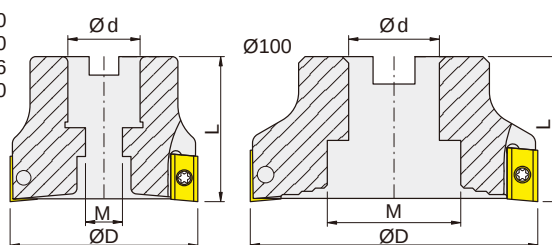


FIG-2

Ø40
Ø50
Ø66
Ø80



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

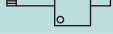
配件
SPARE PARTS

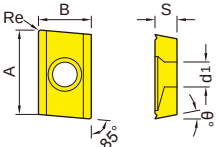
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
UEX161-MD14	16	8.5	28	M8	1	APET120204	MS3507A	ETF15	0.04
UEX171-MD14	17								0.05
UEX172-MD14	17	8.5	28	M8	2				0.05
UEX182-MD14	18								0.06
UEX192-MD14	19								0.06
UEX202-MD18	20	10.5	30	M10	2				0.06
UEX212-MD18	21								0.07
UEX222-MD18	22								0.09
UEX253S-MD23	25	12.5	35	M12	3	ADET160308	MS4009A	ETF15	0.12
UEX263S-MD23	26								0.12
UEX324S-MD29	32	17	43	M16	4				0.24
UEX334S-MD29	33								0.25
UEX252-MD23	25	12.5	35	M12	2				0.12
UEX262-MD23	26								0.12
UEX323-MD29	32	17	43	M16	3				0.24
UEX333-MD29	33								0.25

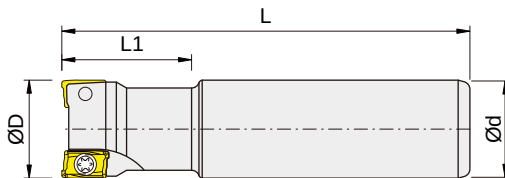
Metric

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
UEX403-22.0	40	22.0	40	11	3	ADET160308	MS4011A	ETF15	0.25
UEX504-22.0	50	22.0	50	11	4				0.49

Inch

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
UEX504-25.4	50	25.4	50	13	4	ADET160308	MS4011A	ETF15	0.44
UEX665-25.4	66				5				0.79
UEX806-25.4	80				6				1.12
UEX1007-31.75	100	31.75	50	45	7				1.48

Description	GRADE 材質		Insert Shape	Dimensions,mm					
	CH550	WH10		A	B	S	Re	d1	θ°
APNT120208ER		○		12.7	7.938	2.5	0.8	3.8	11
APET120204SR	○			12.7	7.938	2.5	0.4	3.8	11
ADNT160308ER		○		15.875	9.525	3.18	0.8	4.4	15
ADET160304SR	○			15.875	9.525	3.18	0.4	4.4	15



Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg				
	D	d	L	L1									
WEX12-101-S16-100	10	16	100	15	1	AXMT1235....	MS3005A	ETF09	0.16				
WEX12-111-S16-100	11						0.16						
WEX12-121-S16-100	12						0.16						
WEX12-162-S16-100	16	16	100	25	2		MS3006A		0.16				
WEX12-162-S16-150			150						0.24				
WEX12-162-S16-200			200						0.32				
WEX12-172-S16-100	17	16	100	25	2				MS3006A	0.16			
WEX12-172-S16-150			150							0.24			
WEX12-172-S16-200			200							0.32			
WEX12-202-S20-150	20	20	150	30	2					MS3006A	0.37		
WEX12-202-S20-200			200								0.49		
WEX12-203-S20-150			150		3						0.37		
WEX12-203-S20-200											200	0.49	
WEX12-213-S20-150	21	20	150	30	3	MS3006A		0.37					
WEX12-213-S20-200			200					0.49					
WEX12-223-S20-110	22	20	110	30	3			MS3006A			0.27		
WEX12-223-S20-150			150				0.37						
WEX12-223-S20-200			200				0.49						
WEX12-253-S25-150	25	25	150	35	3		MS3006A				0.58		
WEX12-253-S25-200			200						0.77				
WEX12-254-S25-150			150		4				0.58				
WEX12-254-S25-200									200		0.77		
WEX12-263-S25-150	26	25	150	35	3				MS3006A	0.58			
WEX12-263-S25-200			200							0.77			
WEX12-263-S25-250			250							0.96			
WEX12-264-S25-150			150		4					0.58			
WEX12-264-S25-200						200				0.77			
WEX12-325-S32-150	32	32	150	40	5	MS3006A				0.95			
WEX12-325-S32-200			200					1.26					
WEX12-335-S32-150	33	32	150	40	5			MS3006A		0.95			
WEX12-335-S32-200			200							1.26			
WEX17-252-S25-150	25	25	150	35	2		AXMT1705...			MS4009A	ETF15	0.58	
WEX17-252-S25-200			200							0.77			
WEX17-252-S25-250			250							0.96			
WEX17-262-S25-150	26	25	150	30	2					AXMT1705...	MS4009A	ETF15	0.58
WEX17-262-S25-200			200						0.77				
WEX17-262-S25-250			250						0.96				
WEX17-323-S32-150	32	32	150	40	3				AXMT1705...		MS4009A	ETF15	0.95
WEX17-323-S32-200			200								1.26		
WEX17-333-S32-150	33	32	150	40	3						AXMT1705...	MS4009A	ETF15
WEX17-333-S32-200			200			1.26							
WEX17-333-S32-250			250			1.58							

NEW

NEW

NEW

NEW

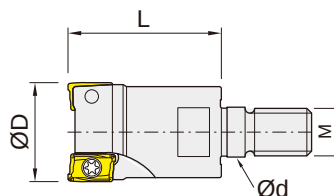
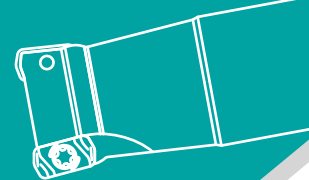
NEW

NEW

NEW

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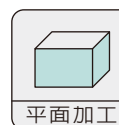
Shoulder/Cutting End Mills (WEX)



溝加工



側面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

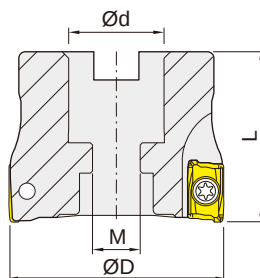
NEW

Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
WEX12-101-MD14	10	8.5	23	M8	1	AXMT1235....	MS3005A	ETF09	0.02
WEX12-111-MD14	11								0.02
WEX12-121-MD14	12								0.02
WEX12-131-MD14	13								0.03
WEX12-141-MD14	14								0.03
WEX12-151-MD14	15								0.04
WEX12-162-MD14	16	8.5	23	M8	2				0.04
WEX12-172-MD14	17								0.04
WEX12-182-MD18	18	10.5	30	M10	2				0.06
WEX12-192-MD18	19				2				0.07
WEX12-193-MD18	19				3				0.07
WEX12-202-MD18	20				2				0.08
WEX12-203-MD18	20				3				0.08
WEX12-213-MD18	21	12.5	35	M12	3				0.08
WEX12-223-MD18	22				3				0.09
WEX12-254-MD23	25				4				0.14
WEX12-264-MD23	26								0.15
WEX12-325-MD29	32				5				0.29
WEX12-335-MD29	33	17	43	M16					0.31
WEX17-262-MD23	26				2				0.15
WEX17-333-MD29	33				3				0.24

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	ACP200	ACK200		A	B	S	Re
AXMT123504PEER-G				12	7	3.58	0.4
AXMT123508PEER-G	●						0.8
AXMT123512PEER-G							1.2
AXMT123504PEER-H							0.4
AXMT123508PEER-H	●						0.8
AXMT123512PEER-H				17.54	10.2	5.59	1.2
AXMT170508PEER-G	●						0.8
AXMT170512PEER-G							1.2
AXMT170516PEER-G							1.6
AXMT170520PEER-G							2.0
AXMT170530PEER-G							3.0
AXMT170508PEER-H	●						0.8
AXMT170512PEER-H							1.2



FIG-2

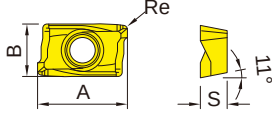
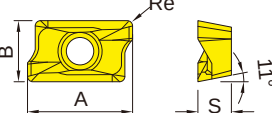


Metric

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
WEX12-507-22.0	50	22.0	40	11	7	AXMT1235...	MS3006A	ETF09	0.39
WEXM17-404-16.0	40	16.0	40	9	4	AXMT1705...	MS4009A	ETF15	0.20

Inch

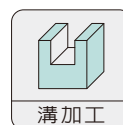
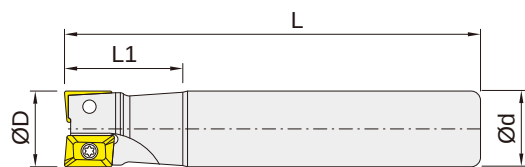
FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
WEX12-507-25.4	50	25.4	50	13	7	AXMT1235...	MS3006A	ETF09	0.50

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	ACP200	ACK200		A	B	S	Re
AXMT123504PEER-G				12	7	3.58	0.4
AXMT123508PEER-G	●						0.8
AXMT123512PEER-G							1.2
AXMT123504PEER-H							0.4
AXMT123508PEER-H	●			17.54	10.2	5.59	0.8
AXMT123512PEER-H							1.2
AXMT170508PEER-G	●						0.8
AXMT170512PEER-G							1.2
AXMT170516PEER-G				17.54	10.2	5.59	1.6
AXMT170520PEER-G							2.0
AXMT170530PEER-G							3.0
AXMT170508PEER-H	●						0.8
AXMT170512PEER-H							1.2

WEM 直角端銑刀 Shoulder/Cutting End Mills (WEM)



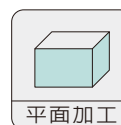
FIG-1



溝加工



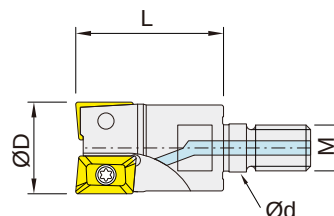
側面加工



平面加工



FIG-2



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

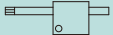
銑刀
MILLING

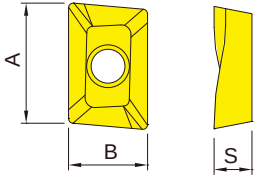
孔加工
BORING TOOLS COMPONENTS

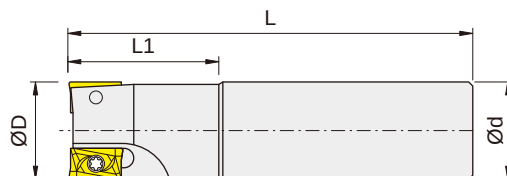
配件
SPARE PARTS

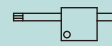
FIG-1 Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1	Teeth			
WEM10-152-S16-100		15	16	100	25	2	APMT1035..	①	0.16
NEW WEM10-162-S16-150		16		150					0.24
NEW WEM10-162-S16-200		16		200					0.32
NEW WEM10-203-S20-150		20	20	150	30	3			0.37
NEW WEM10-203-S20-200		20		200					0.49
WEM10-222-S20-150		22	20	150	25	2			0.37
NEW WEM10-253-S25-150		25	25	150	35	3			0.58
NEW WEM10-253-S25-200		25		200					0.77

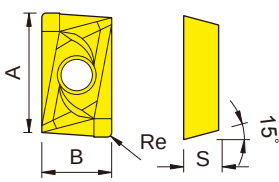
FIG-2 Item code		Dimensions,mm					Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M	Teeth			
NEW WEM10-162-MD14	WEM10-162-AMD14	16	8.5	25	M8	2	APMT1035..	①	0.05
WEM10-172-MD14		17							0.05
NEW WEM10-203-MD18	WEM10-203-AMD18	20	10.5	30	M10	3			0.07
WEM10-213-MD18		21							0.07
NEW WEM10-253-MD23	WEM10-253-AMD23	25	12.5	35	M12	3			0.12
NEW WEM10-263-MD23	WEM10-263-AMD23	26							0.12

Insert	Spare parts	Screw 	Wrench 
APMT1035..	①	MS2506A	ETF09

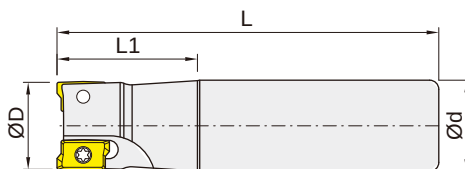
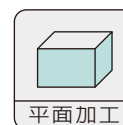
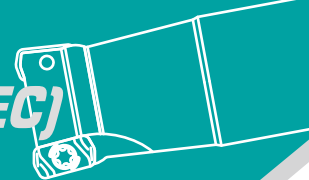
Description	GRADE 材質	Insert Shape 	Dimensions,mm			
	ACZ310		A	B	S	Re
APMT103504PDER-H	●		10	6.6	3.5	0.4



Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
MEA3-121-S12-120	12	12	120	25	1	NDKW090304ER	MS2506A	ETF09	0.11
MEA3-141-S16-100	14	16	100	28	1				0.16
MEA3-141-S16-150	14	16	150	28	1				0.24
MEA3-162-S16-150	16	16	150	30	2				0.24
MEA3-162-S16-200	16	16	200	30	2				0.32
MEA3-172-S16-150	17	16	150	20	2				0.24
MEA3-172-S16-200	17	16	200	20	2				0.32
MEA3-182-S20-150	18	20	150	30	2				0.37
MEA3-182-S20-200	18	20	200	30	2				0.49
MEA3-202-S20-150	20	20	150	30	2				0.37
MEA3-202-S20-200	20	20	200	30	2				0.49
MEA3-203-S20-150	20	20	150	30	3				0.37
MEA3-203-S20-200	20	20	200	30	3				0.49
MEA3-212-S20-150	21	20	150	25	2				0.37
MEA3-212-S20-200	21	20	200	25	2				0.49
MEA3-213-S20-150	21	20	150	25	3				0.37
MEA3-213-S20-200	21	20	200	25	3				0.49
MEA3-253-S25-150	25	25	150	35	3				0.58
MEA3-253-S25-200	25	25	200	35	3				0.77
MEA3-263-S25-150	26	25	150	35	3				0.58
MEA3-263-S25-200	26	25	200	35	3				0.77

Description	GRADE 材質	Insert Shape 	Dimensions,mm			
	PR660		A	B	S	Re
NDKT090304ER	●		9.5	6.35	3.18	0.4

MEC 直角端銑刀 Shoulder/Cutting End Mills (MEC)



Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
MEC07-102-S10-120	10	10	120	20	2	BDMT0703..	MS2004C	ETF06	0.07
MEC07-112-S10-120	11	10	120	13	2				0.07
MEC07-122-S12-120	12	12	120	20	2				0.11
MEC07-132-S12-120	13	12	120	20	2				0.11
MEC11-162-S16-150	16	16	150	28	2	BDMT11T3..	MS2506A	ETF09	0.24
MEC11-162-S16-200	16	16	200	28	2				0.32
MEC11-172-S16-150	17	16	150	28	2				0.24
MEC11-172-S16-200	17	16	200	28	2				0.32
MEC11-203-S20-150	20	20	150	30	3				0.37
MEC11-203-S20-200	20	20	200	30	3				0.49
MEC11-253-S25-150	25	25	150	35	3				0.58
MEC11-253-S25-200	25	25	200	35	3				0.77
MEC11-324-S32-150	32	32	150	35	4				0.95
MEC11-324-S32-200	32	32	200	35	4				1.26
MEC11-325-S32-150	32	32	150	35	5				0.95
MEC11-325-S32-200	32	32	200	35	5				1.26

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	PR830	PR905		A	B	S	Re
BDMT070302ERJT	●			6.7	4.7	2.6	0.2
BDMT070304ERJS		●					0.4
BDMT11T304ERJT	●			11	6.7	3.8	0.4
BDMT11T308ERJT							0.8

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOL COMPONENTS

配件
SPARE PARTS

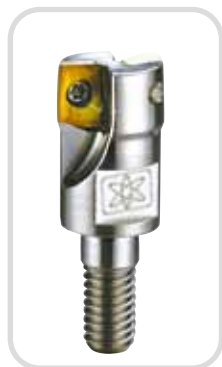


FIG-1

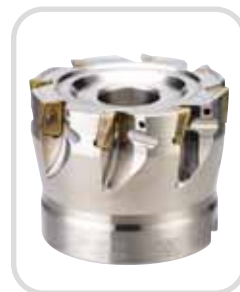
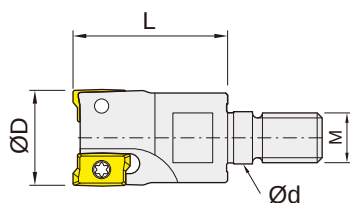


FIG-2

Ø 40
Ø 50
Ø 63

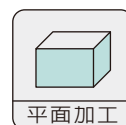
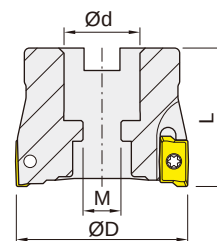


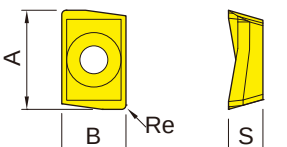
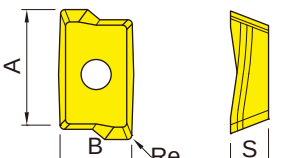
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
MEC07-102-MD10	10	5.5	16	M5	2	BDMT0703..	MS2004C	ETF06	0.01
MEC07-112-MD10	11	5.5	16	M5	2				0.01
MEC07-122-MD11	12	6.5	18	M6	2				0.01
MEC07-132-MD11	13	6.5	18	M6	2				0.02
MEC11-162-MD14	16	8.5	25	M8	2	BDMT11T3..	MS2506A	ETF09	0.04
MEC11-172-MD14	17	8.5	25	M8	2				0.04
MEC11-203-MD18	20	10.5	30	M10	3				0.07
MEC11-253-MD23	25	12.5	35	M12	3				0.14
MEC11-324-MD29	32	17	43	M16	4				0.29
MEC11-325-MD29	32	17	43	M16	5				0.29

Metric

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
MEC11-406-16.0	40	16.0	40	9	6	BDMT11T3..	MS2506A	ETF09	0.25
MEC11-507-22.0	50	22.0	40	11	7				0.38
MEC11-638-27.0	63	27.0	50	13	8				0.79

Inch

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
MEC11-507-25.4	50	25.4	50	13	7	BDMT11T3..	MS2506A	ETF09	0.46
MEC11-638-25.4	63	25.4	50	13	8				0.82

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	PR830	PR905		A	B	S	Re
BDMT070302ERJT	●			6.7	4.7	2.6	0.2
BDMT070304ERJS		●					0.4
BDMT11T304ERJT	●			11	6.7	3.8	0.4
BDMT11T308ERJT							0.8

TE90A 直角端銑刀 Shoulder/Cutting End Mills (TE90A)

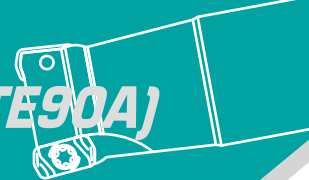
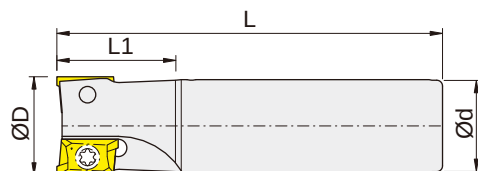


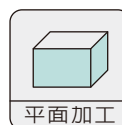
FIG-1



溝加工



側面加工



平面加工



FIG-2

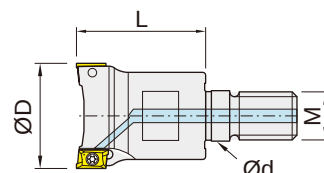


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
TE90A06-081-S10-100		8	10	100	12	1	AXMT0602...	①	0.06
TE90A06-102-S10-120		10	10	120	16	2			0.07
TE90A06-112-S10-120		11	10	120	12	2			0.07
TE90A06-122-S12-130		12	12	130	16	2			0.12
TE90A06-123-S12-130		12	12	130	16	3			0.12
TE90A06-132-S12-130		13	12	130	16	2			0.12
TE90A06-133-S12-130		13	12	130	16	3			0.12
TE90A06-163-S16-150		16	16	150	25	3			0.24
TE90A06-164-S16-150		16	16	150	25	4			0.24
TE90A06-173-S16-150		17	16	150	20	3			0.24

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
TE90A06-091-MD08		9	4.5	15	M4	1	AXMT0602..	①	0.02
TE90A06-102-MD10		10	5.5	16	M5	2			0.02
TE90A06-112-MD10	TE90A06-112-AMD10	11	5.5	16	M5	2			0.02
TE90A06-122-MD11	TE90A06-122-AMD11	12	6.5	18	M6	2			0.03
TE90A06-123-MD11		12	6.5	18	M6	3			0.03
TE90A06-132-MD11		13	6.5	20	M6	2			0.03
TE90A06-133-MD11		13	6.5	20	M6	3			0.03
TE90A06-163-MD14		16	8.5	20	M8	3			0.04
TE90A06-164-MD14		16	8.5	20	M8	4			0.04
TE90A06-173-MD14		17	8.5	20	M8	3			0.05
TE90A06-174-MD14		17	8.5	20	M8	4			0.04

NEW
NEW

Insert	Spare parts	Screw	Wrench
AXMT0602...	①	MS1804A	ETF06

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	TT9030	TT9080		A	B	S	Re
AXMT0602PER-EM	●			6.1	4.1	2.6	--

內徑車刀
BORING BARS

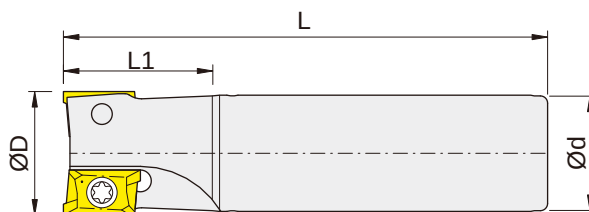
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

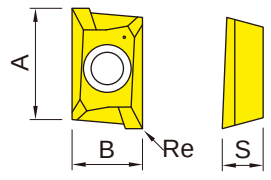
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

NEW

NEW

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
TE90A09-121-S12-150	12	12	150	20	1	APKT09T3...	①	0.13
TE90A09-141-S16-150	14	16	150	24	1		②	0.24
TE90A09-162-S16-150	16	16	150	24	2			0.24
TE90A09-162-S16-200	16	16	200	24	2			0.32
TE90A09-172-S16-150	17	16	150	20	2			0.24
TE90A09-172-S16-200	17	16	200	20	2			0.32
TE90A09-182-S20-150	18	20	150	30	2			0.37
TE90A09-202-S20-150	20	20	150	30	2			0.37
TE90A09-202-S20-200	20	20	200	30	2			0.49
TE90A09-203-S20-150	20	20	150	30	3			0.37
TE90A09-203-S20-200	20	20	200	30	3			0.49
TE90A09-213-S20-150	21	20	150	20	3			0.37
TE90A09-213-S20-200	21	20	200	20	3			0.49
TE90A09-253-S25-150	25	25	150	35	3			0.58
TE90A09-253-S25-200	25	25	200	35	3			0.77
TE90A09-254-S25-150	25	25	150	35	4			0.58
TE90A09-263-S25-150	26	25	150	25	3			0.58
TE90A09-263-S25-200	26	25	200	25	3			0.77
TE90A09-333-S32-150	33	32	150	32	3			0.95
TE90A09-333-S32-200	33	32	200	32	3			1.26
TE90A09-353-S32-150	35	32	150	32	3	APKT1705..	③	0.95
TE90A09-353-S32-200	35	32	200	32	3			1.26
TE90A09-354-S32-150	35	32	150	32	4			0.95
TE90A09-354-S32-200	35	32	200	32	4			1.26
TE90A17-252-S25-150	25	25	150	35	2			0.58
TE90A17-252-S25-200	25	25	200	35	2			0.77
TE90A17-323-S32-150	32	32	150	40	3			0.95
TE90A17-323-S32-200	32	32	200	40	3			1.26
TE90A17-323-S32-250	32	32	250	40	3			1.58

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	TT9030	TT9080		A	B	S	Re
APKT09T3PER-EM	●			9.8	6.2	3.8	--
APKT1705PER-EML	●			17	10.7	5.56	--

Shoulder/Cutting End Mills (TE90A)

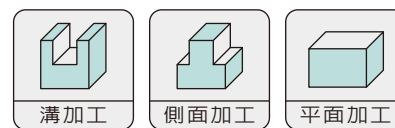
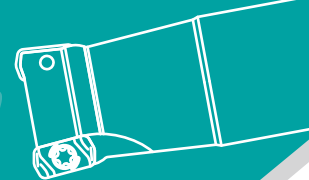


FIG-1

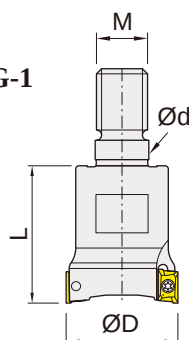


FIG-2

Ø50
Ø63
Ø80

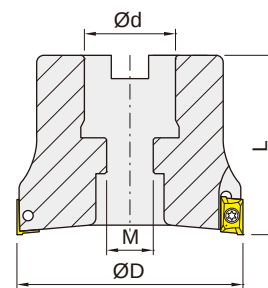


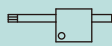
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TE90A09-162-MD14	16	8.5	23	M8	2	APKT09T3...	②	0.05
TE90A09-172-MD14	17	8.5	25	M8	2			0.05
TE90A09-202-MD18	20	10.5	30	M10	2			0.07
TE90A09-203-MD18	20	10.5	30	M10	3			0.07
TE90A09-212-MD18	21	10.5	30	M10	2			0.07
TE90A09-213-MD18	21	10.5	30	M10	3			0.07
TE90A09-222-MD18	22	10.5	30	M10	2			0.08
TE90A09-223-MD18	22	10.5	30	M10	3			0.08
TE90A09-253-MD23	25	12.5	35	M12	3			0.12
TE90A09-263-MD23	26	12.5	35	M12	3			0.12
TE90A09-333-MD29	33	17	43	M16	3			0.25
TE90A09-353-MD29	35	17	43	M16	3			0.26
TE90A09-354-MD29	35	17	43	M16	4			0.26
TE90A17-262-MD23	26	12.5	35	M12	2	APKT1705..	③	0.12
TE90A17-353-MD29	35	17	43	M16	3		④	0.26

Metric

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TE90A09-5005-22.0	50	22.0	50	11	5	APKT09T3...	②	0.55
TE90A09-5006-22.0	50	22.0	50	11	6			0.40

Inch

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TE90A09-5006-25.4	50	25.4	50	13	6	APKT09T3...	②	0.51
TE90A09-6307-25.4	63	25.4	50	13	7			0.73
TE90A09-8008-25.4	80	25.4	50	13	8			1.14

Insert	Spare parts	Screw 	Wrench 
APKT09T3...	①	MS2505B	ETF09
APKT09T3...	②	MS2506B	ETF09
APKT1705..	③	MS4009A	ETF15
APKT1705..	④	MS4011A	ETF15

內徑車刀
BORING BARS

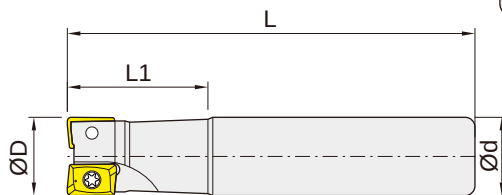
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



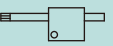
Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
AKS06-102-S10-120	10	10	120	20	2	XOMT0602..	①	0.07
AKS06-112-S10-110	11	10	110	13	2			0.07
AKS06-112-S10-150	11	10	150	13	2			0.09
AKS06-122-S12-100	12	12	100	25	2			0.09
AKS06-122-S12-130	12	12	130	25	2			0.12
AKS06-123-S12-100	12	12	100	25	3			0.09
AKS06-123-S12-130	12	12	130	25	3			0.12
AKS06-132-S12-130	13	12	130	18	2			0.12
AKS06-133-S12-130	13	12	130	18	3			0.12
AKS06-164-S16-150	16	16	150	28	4			0.24
AKS06-164-S16-200	16	16	200	28	4			0.32
AKS06-174-S16-150	17	16	150	20	4			0.24
AKS09-162-S16-150	16	16	150	28	2	XOMT0903..	②	0.24
AKS09-162-S16-200	16	16	200	28	2			0.32
AKS09-172-S16-150	17	16	150	20	2			0.24
AKS09-172-S16-200	17	16	200	20	2			0.32
AKS09-202-S20-150	20	20	150	30	2			0.37
AKS09-202-S20-200	20	20	200	30	2			0.49
AKS09-203-S20-150	20	20	150	30	3			0.37
AKS09-203-S20-200	20	20	200	30	3			0.49
AKS09-212-S20-150	21	20	150	30	2			0.37
AKS09-212-S20-200	21	20	200	30	2			0.49
AKS09-213-S20-150	21	20	150	30	3			0.37
AKS09-213-S20-200	21	20	200	30	3			0.49
AKS09-253-S25-150	25	25	150	35	3			0.58
AKS09-253-S25-200	25	25	200	35	3			0.77
AKS09-263-S25-150	26	25	150	30	3	XOMT10T3..	③	0.58
AKS09-263-S25-200	26	25	200	30	3			0.77
AKS09-325-S32-150	32	32	150	35	5			0.95
AKS09-325-S32-200	32	32	200	35	5	XOMT1204..	④	1.26
AKS09-335-S32-150	33	32	150	30	5			0.95
AKS09-335-S32-200	33	32	200	30	5			1.26
AKS10T-162-S16-150	16	16	150	22	2	XOMT10T3..	③	0.24
AKS10T-202-S20-150	20	20	150	28	2			0.37
AKS12-181-S16-150	18	16	150	30	1	XOMT1204..	⑤	0.24
AKS12-282-S25-150	28	25	150	35	2			0.58

NEW

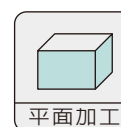
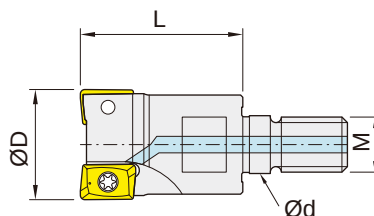
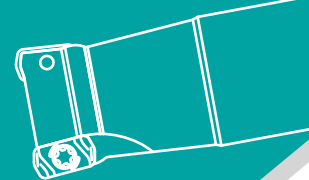
NEW

NEW

NEW

Insert	Spare parts	Screw 	Wrench 
XOMT0602..	①	MS1804B	ETF06
XOMT0903..	②	MS2506E	ETF08
XOMT10T3..	③	MS2506E	ETF08
XOMT1204..	④	MS3507E	ETF10
XOMT1204..	⑤	MS3508E	ETF10

Shoulder/Cutting End Mills (AKS)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

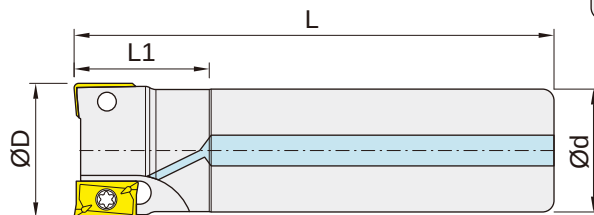
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

NEW

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
AKS06-102-MD10	AKS06-102-AMD10	10	5.5	16	M5	2	XOMT0602..	①	0.01
AKS06-112-MD10		11	5.5	16	M5	2			0.01
AKS06-122-MD11		12	6.5	18	M6	2			0.02
AKS06-123-MD11		12	6.5	18	M6	3			0.01
AKS06-132-MD11		13	6.5	18	M6	2			0.02
AKS06-133-MD11		13	6.5	18	M6	3			0.02
AKS06-164-MD14		16	8.5	20	M8	4			0.03
AKS06-184-MD11		18	6.5	18	M6	4			0.03
AKS06-184-MD14		18	8.5	20	M8	4			0.04
AKS06-204-MD18		20	10.5	24	M10	4			0.07
AKS06-205-MD18		20	10.5	24	M10	5			0.06
AKS06-254-MD23		25	12.5	28	M12	4			0.12
AKS06-255-MD23		25	12.5	28	M12	5			0.12
AKS09-162-MD14		16	8.5	25	M8	2	XOMT0903..	②	0.04
AKS09-172-MD14		17	8.5	25	M8	2			0.05
AKS09-202-MD18		20	10.5	30	M10	2			0.07
AKS09-203-MD18		20	10.5	30	M10	3			0.07
AKS09-212-MD18		21	10.5	30	M10	2			0.07
AKS09-213-MD18		21	10.5	30	M10	3			0.07
AKS09-253-MD23		25	12.5	35	M12	3			0.12
AKS09-263-MD23		26	12.5	35	M12	3			0.12
AKS09-264-MD23		26	12.5	35	M12	4			0.12
AKS09-324-MD29		32	17	43	M16	4			0.23
AKS09-325-MD29		32	17	43	M16	5			0.23
AKS09-334-MD29		33	17	43	M16	4			0.25
AKS09-335-MD29		33	17	43	M16	5			0.24

Description	GRADE 材質			Insert Shape	Dimensions,mm			
	GW762	GM471	GY83		A	B	S	Re
XOET060204...		○			6.94	4.09	2.45	0.4
XOMT060204...	●		●		6.91-6.94	4.09	2.45	0.4
XOMT090304...	●				9.9-10.8	6.35	3.21-3.65	0.4
XOMT10T304...	○				9.7-11.07	6.86	3.83	0.4
XOMT120408...	○				11.41-12.16	8.18	3.93-4.15	0.8



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

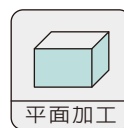
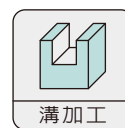
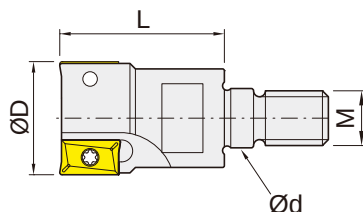
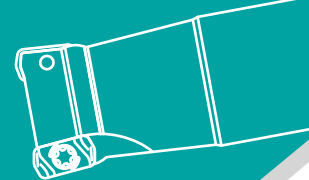
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

	Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	Non-coolant	Coolant	D	d	L	L1				
NEW	CAP3-162-S16-100	CAP3-162-A16-150	16	16	100	28	2	APKT1003..	①	0.16
	CAP3-162-S16-150		16	16	150	28	2			0.24
	CAP3-162-S16-200		16	16	200	28	2			0.32
	CAP3-172-S16-150		17	16	150	26	2			0.24
NEW	CAP3-172-S16-200	CAP3-182-S20-100	17	16	200	26	2			0.32
	CAP3-182-S20-100		18	20	100	30	2			0.25
	CAP3-182-S20-150		18	20	150	30	2			0.37
	CAP3-182-S20-200		18	20	200	30	2			0.49
	CAP3-192-S20-120		19	20	120	30	2			0.30
	CAP3-202-S20-100		20	20	100	30	2			0.25
	CAP3-202-S20-150		20	20	150	30	2			0.37
	CAP3-202-S20-200		20	20	200	30	2			0.49
NEW	CAP3-203-S20-100	CAP3-203-A20-150	20	20	100	30	3			0.25
	CAP3-203-S20-150		20	20	150	30	3			0.37
	CAP3-203-S20-200		20	20	200	30	3			0.49
	CAP3-212-S20-150		21	20	150	30	2			0.37
	CAP3-212-S20-200	CAP3-213-S20-150	21	20	200	30	2			0.49
	CAP3-213-S20-150		21	20	150	30	3			0.37
NEW	CAP3-253-S25-125	CAP3-253-A25-150	25	25	125	30	3			0.48
	CAP3-253-S25-150		25	25	150	30	3			0.58
	CAP3-263-S25-150		26	25	150	30	3			0.58
	CAP3-263-S25-200		26	25	200	30	3			0.77
	CAP3-264-S25-150	CAP3-264-S25-200	26	25	150	30	4			0.58
	CAP3-264-S25-200		26	25	200	30	4			0.77
NEW	CAP3-324-S32-150	CAP3-324-A32-150	32	32	150	40	4			0.95
	CAP3-324-S32-200		32	32	200	40	4			1.26
	CAP4-242-S25-125	CAP4-252-S25-125	24	25	125	40	2	APKT1604..	②	0.48
	CAP4-252-S25-125		25	25	125	40	2			0.48
	CAP4-252-S25-150		25	25	150	40	2			0.58
NEW	CAP4-252-S25-200		25	25	200	40	2			0.77
	CAP4-262-S25-150		26	25	150	30	2			0.58
	CAP4-262-S25-200		26	25	200	30	2			0.77
NEW	CAP4-262-S25-250		26	25	250	30	2			0.96
	CAP4-323-S32-150	CAP4-323-S32-200	32	32	150	45	3	APKT1604..	③	0.95
	CAP4-323-S32-200		32	32	200	45	3			1.26
	CAP4-323-S32-250		32	32	250	45	3			1.58
	CAP4-333-S32-150		33	32	150	35	3			0.95
	CAP4-333-S32-200		33	32	200	35	3			1.26
NEW	CAP4-333-S32-250		33	32	250	35	3			1.58
NEW	CAP4-333-S32-300		33	32	300	35	3			1.89
	CAP4-352-S32-150		35	32	150	35	2			0.95
	CAP4-352-S32-200		35	32	200	35	2			1.26
	CAP4-353-S32-150		35	32	150	35	3			0.95
	CAP4-353-S32-200		35	32	200	35	3			1.26

Shoulder/Cutting End Mills (CAP)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

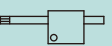
牙刀 & 開槽刀
THREADING & GROOVING

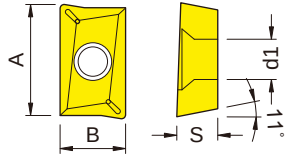
銑刀
MILLING

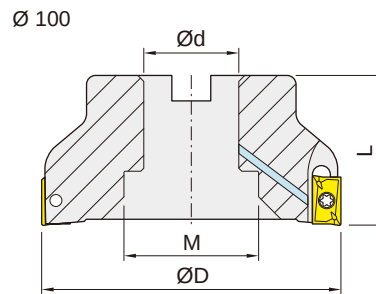
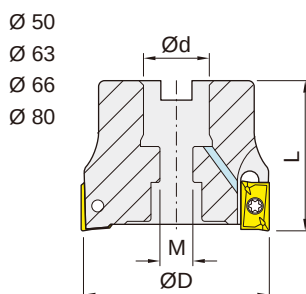
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
CAP3-162-MD14		16	8.5	25	M8	2	APKT1003..	①	0.04
CAP3-172-MD14		17	8.5	25	M8	2			0.04
CAP3-182-MD14		18	8.5	25	M8	2			0.05
CAP3-202-MD18		20	10.5	30	M10	2			0.08
CAP3-203-MD18		20	10.5	30	M10	3			0.07
CAP3-212-MD18		21	10.5	30	M10	2			0.09
CAP3-213-MD18		21	10.5	30	M10	3			0.08
CAP3-253-MD23		25	12.5	35	M12	3			0.14
CAP3-263-MD23		26	12.5	35	M12	3			0.15
CAP3-264-MD23		26	12.5	35	M12	4			0.15

Insert	Spare parts	Screw 	Wrench 
APKT1003..	①	MS2506B	ETF09
APKT1604..	②	MS4009A	ETF15
APKT1604..	③	MS4011A	ETF15

Description	GRADE 材質			Insert Shape 	Dimensions,mm			
	LCM20	IC328	H01		A	B	S	d1
APKT1003PD..	●				10.5	6.7	3.5	2.85
APKT1604PD..			●		16.5	9.52	5.3	4.4



Metric

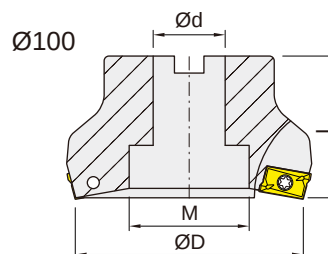
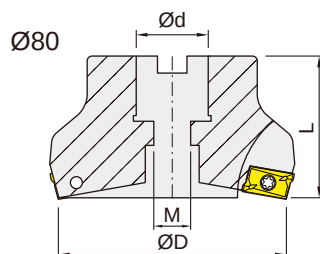
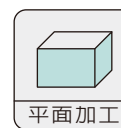
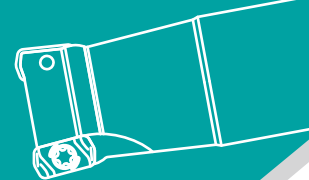
Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
CAP4-403-16.0		40	16.0	40	9	3	APKT1604..	①	0.25
CAP4-403-22.0		40	22.0	50	11	3			0.38
NEW CAP4-504-22.0	CAP4-504-A22.0	50	22.0	50	11	4			0.54
NEW CAP4-635-22.0	CAP4-635-A22.0	63	22.0	50	11	5			0.70
NEW CAP4-806-27.0	CAP4-806-A27.0	80	27.0	50	13	6			0.97

Inch

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
CAP4-403-25.4 ※		40	25.4	50	13	3	APKT1604..	①	0.33
CAP4-504-25.4		50	25.4	50	13	4			0.50
CAP4-635-25.4		63	25.4	50	13	5			0.73
CAP4-665-25.4		66	25.4	50	13	5			0.72
CAP4-806-25.4		80	25.4	50	13	6			1.21
CAP4-806-31.75		80	31.75	50	13	6			1.15
CAP4-1008-31.75		100	31.75	50	45	8			1.65

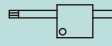
※另附刀把螺絲 HTM1247HS (※ The mill equips with a cap screw HTM1247HS)

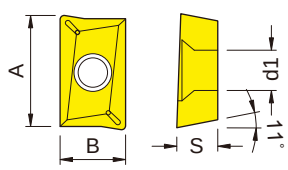
CAPW 銑刀 Milling Cutter (CAPW)



Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
CAPW4-806-25.4	80	25.4	50	13	6	APKT1604..	①	1.21
CAPW4-1007-31.75	100	31.75	50	45	7			1.70

Insert	Spare parts	Screw 	Wrench 
APKT1604..	①	MS4011A	ETF15

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	IC328	H01		A	B	S	d1
APKT1604PD..	●	●		16.5	9.52	5.3	4.4

內徑車刀
BORING BARS

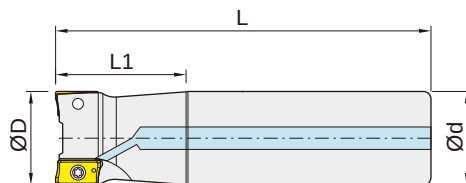
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

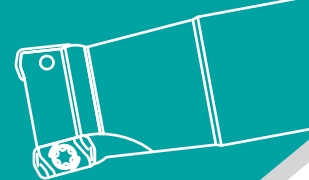
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
NEW VAX11-162-S16-150	VAX11-162-A16-150	16	16	150	28	2	R390-11T3..	①	0.24
VAX11-162-S16-200		16	16	200	28	2			0.32
VAX11-172-S16-150	VAX11-172-A16-150	17	16	150	20	2			0.24
VAX11-172-S16-200		17	16	200	20	2			0.32
VAX11-182-S16-150		18	16	150	20	2			0.24
VAX11-182-S16-200		18	16	200	20	2			0.32
VAX11-202-S20-150		20	20	150	30	2			0.37
NEW VAX11-202-S20-200	VAX11-202-A20-200	20	20	200	30	2			0.49
VAX11-203-S20-150		20	20	150	30	3			0.37
NEW VAX11-203-S20-200		20	20	200	30	3			0.49
VAX11-212-S20-150		21	20	150	20	2			0.37
VAX11-212-S20-200		21	20	200	20	2			0.49
VAX11-213-S20-150	VAX11-213-A20-150	21	20	150	20	3			0.37
VAX11-213-S20-200		21	20	200	20	3			0.49
VAX11-222-S20-150		22	20	150	30	2			0.37
VAX11-222-S20-200		22	20	200	30	2			0.49
VAX11-253-S25-150		25	25	150	35	3			0.58
VAX11-253-S25-200		25	25	200	35	3			0.77
VAX11-254-S25-150		25	25	150	35	4			0.58
VAX11-254-S25-200		25	25	200	35	4			0.77
VAX11-263-S25-150		26	25	150	25	3			0.58
VAX11-263-S25-200		26	25	200	25	3			0.77
VAX11-264-S25-150		26	25	150	25	4			0.58
VAX11-264-S25-200	VAX11-264-A25-200	26	25	200	25	4			0.77
NEW VAX11-304-S32-150		30	32	150	40	4			0.95
NEW VAX11-304-S32-200		30	32	200	40	4			1.26
NEW VAX11-304-S32-250		30	32	250	40	4			1.58
VAX11-324-S32-150		32	32	150	40	4			0.95
VAX11-324-S32-200		32	32	200	40	4			1.26
VAX11-324-S32-250		32	32	250	40	4			1.58
VAX11-334-S32-150		33	32	150	32	4			0.95
VAX11-334-S32-200	VAX11-334-A32-200	33	32	200	32	4			1.26
VAX11-334-S32-250		33	32	250	32	4			1.58
VAX11-354-S32-150		35	32	150	32	4			0.95
VAX11-354-S32-200		35	32	200	32	4			1.26
VAX11-354-S32-250		35	32	250	32	4			1.58

Shoulder/Cutting End Mills (VAX)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

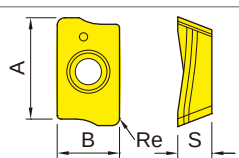
銑刀
MILLING

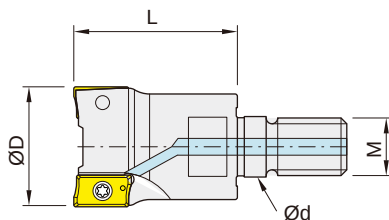
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
VAX17-252-S25-150		25	25	150	32	2	R390-1704..	②	0.58
VAX17-252-S25-200		25	25	200	32	2			0.77
VAX17-262-S25-150		26	25	150	32	2			0.58
VAX17-262-S25-200		26	25	200	32	2			0.77
VAX17-262-S25-250		26	25	250	32	2			0.96
VAX17-323-S32-150		32	32	150	35	3			0.95
VAX17-323-S32-200		32	32	200	35	3			1.26
VAX17-333-S32-150		33	32	150	35	3			0.95
VAX17-333-S32-200		33	32	200	35	3			1.26
VAX17-333-S32-250		33	32	250	35	3			1.58

Insert	Spare parts	Screw 	Wrench 
R390-11T3..	①	MS2506B	ETF09
R390-1704..	②	MS3509A	ETF15

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	1025	4240		A	B	S	Re
R390-11T308E-PL	●			11	6.8	3.59	0.8
R390-11T308M-PM		●		17	9.6	4.76	0.8
R390-170408E-PL		○					
R390-170408M-PM		○					



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

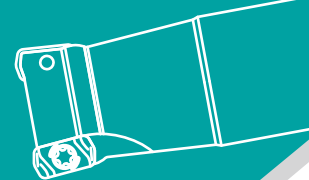
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

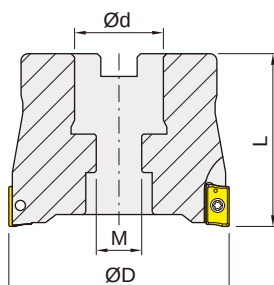
配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
VAX11-162-MD14		16	8.5	26	M8	2	R390-11T3..	①	0.05
VAX11-172-MD14		17	8.5	26	M8	2			0.05
VAX11-202-MD18		20	10.5	30	M10	2			0.07
VAX11-203-MD18		20	10.5	30	M10	3			0.07
VAX11-212-MD18		21	10.5	30	M10	2			0.07
VAX11-213-MD18		21	10.5	30	M10	3			0.07
NEW VAX11-253-MD23	VAX11-253-AMD23	25	12.5	35	M12	3			0.12
VAX11-254-MD23		25	12.5	35	M12	4			0.12
NEW VAX11-263-MD23	VAX11-263-AMD23	26	12.5	35	M12	3			0.12
VAX11-264-MD23		26	12.5	35	M12	4			0.12
VAX11-324-MD29		32	17	43	M16	4			0.24
VAX11-325-MD29		32	17	43	M16	5			0.24
VAX11-334-MD29		33	17	43	M16	4			0.25
VAX11-335-MD29		33	17	43	M16	5			0.24
VAX11-354-MD29		35	17	43	M16	4			0.26
VAX11-355-MD29		35	17	43	M16	5			0.25
VAX17-252-MD23		25	12.5	35	M12	2	R390-1704..	②	0.12
VAX17-262-MD23		26	12.5	35	M12	2			0.12
VAX17-323-MD29		32	17	43	M16	3			0.24
VAX17-333-MD29		33	17	43	M16	3			0.24

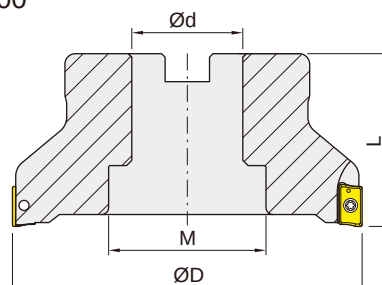
Shoulder/Cutting End Mills (VAX)



Ø 50
Ø 52
Ø 62
Ø 63
Ø 80



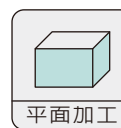
Ø 100



溝加工



側面加工



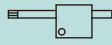
平面加工

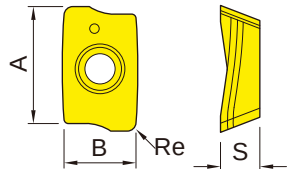
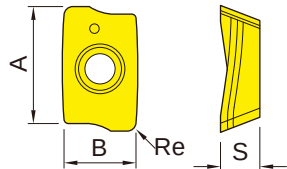
Metric

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
VAX11-05005-22.0	50	22.0	40	11	5	R390-11T3..	①	0.46
VAX11-05007-22.0	50	22.0	40	11	7			0.40
VAX17-05004-22.0	50	22.0	50	11	4	R390-1704..	②	0.46

Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
VAX11-05005-25.4	50	25.4	50	13	5	R390-11T3..	①	0.44
VAX11-05007-25.4	50	25.4	50	13	7			0.42
VAX11-06308-25.4	63	25.4	50	13	8			0.79
VAX11-08009-25.4	80	25.4	50	13	9			1.37
VAX11-10011-31.75	100	31.75	50	45	11			1.54
VAX17-05004-25.4	50	25.4	50	13	4	R390-1704..	②	0.47
VAX17-05005-25.4	50	25.4	50	13	5			0.45
VAX17-05205-25.4	52	25.4	50	13	5			0.50
VAX17-06206-25.4	62	25.4	50	13	6			0.68
VAX17-06306-25.4	63	25.4	50	13	6			0.69
VAX17-08006-25.4	80	25.4	50	13	6			1.16

Insert	Spare parts	Screw 	Wrench 
R390-11T3..	①	MS2506B	ETF09
R390-1704..	②	MS3509A	ETF15

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	1025	4240		A	B	S	Re
R390-11T308E-PL	●			11	6.8	3.59	0.8
R390-11T308M-PM		●					
R390-170408E-PL		○		17	9.6	4.76	0.8
R390-170408M-PM		○					

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

FIG-1

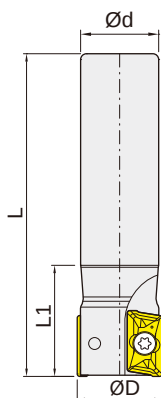


FIG-2

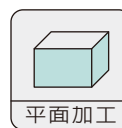
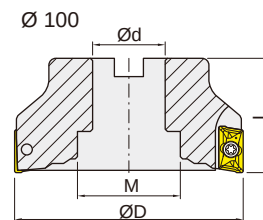
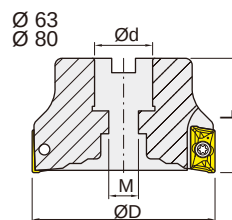
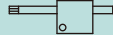
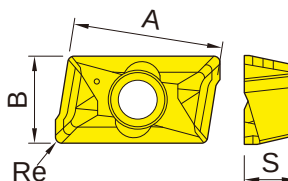


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
TPS17-252-S25-100	25	25	100	35	2	ASMT1705..	MS4009A	ETF15	0.39
TPS17-252-S25-150	25	25	150	35	2				0.58
TPS17-252-S25-200	25	25	200	35	2				0.77
TPS17-252-S25-250	25	25	250	35	2				0.96
TPS17-323-S32-150	32	32	150	40	3				0.95
TPS17-323-S32-200	32	32	200	40	3				1.26
TPS17-323-S32-250	32	32	250	40	3				1.58

Inch

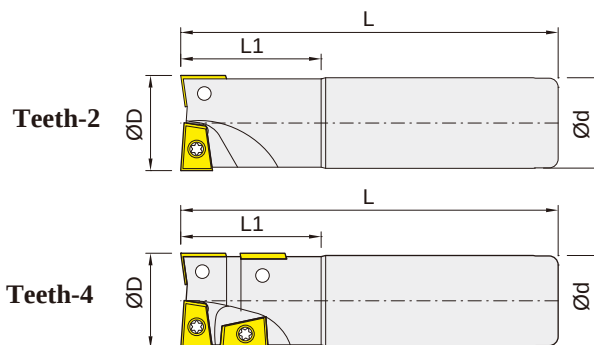
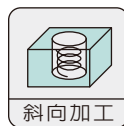
FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	M					
TPS17-R06305-25.4	63	25.4	50	13	5	ASMT1705..	MS4011A	ETF15	0.80
TPS17-R08006-25.4	80	25.4	50	13	6				1.20
TPS17-R10007-31.75	100	31.75	50	45	7				1.51

Description	GRADE 材質			Insert Shape	Dimensions,mm			
	AH120	T3030	NS740		A	B	S	Re
ASMT170504-MJ					16.9	9.8	5.6	0.4
ASMT170508-MJ		●						0.8
ASMT170512-MJ								1.2
ASMT170516-MJ								1.6

A Q X R 鑽 銑 刀

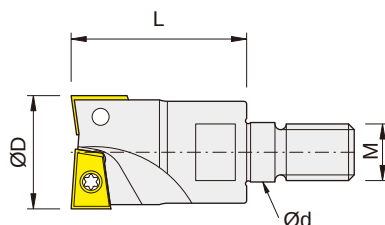
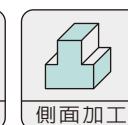
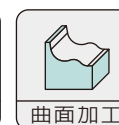
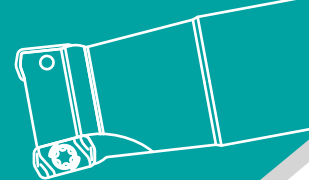
AQXR BORING & MILLING CUTTER





Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
AQXR162-S16-150	16	16	150	30	2	QOG/MT0830R-G1/M2	①	0.24
AQXR162-S16-200	16	16	200	30	2			0.32
AQXR172-S16-150	17	16	150	25	2			0.24
AQXR172-S16-200	17	16	200	25	2			0.32
AQXR202-S20-150	20	20	150	35	2	QOG/MT1035R-G1/M2	②	0.37
AQXR202-S20-200	20	20	200	35	2			0.49
AQXR212-S20-150	21	20	150	32	2			0.37
AQXR212-S20-200	21	20	200	32	2			0.49
AQXR252-S25-150	25	25	150	40	2	QOG/MT1342R-G1/M2	③	0.58
AQXR252-S25-200	25	25	200	40	2			0.77
AQXR252-S25-250	25	25	250	40	2			0.96
AQXR262-S25-150	26	25	150	30	2			0.58
AQXR262-S25-200	26	25	200	30	2	QOG/MT1651R-G1/M2	④	0.77
AQXR262-S25-250	26	25	250	30	2			0.96
AQXR322-S32-150	32	32	150	45	2			0.95
AQXR322-S32-200	32	32	200	45	2			1.26
AQXR322-S32-250	32	32	250	45	2	QOG/MT1856R-G1/M2	⑤	1.58
AQXR322-S32-300	32	32	300	45	2			1.89
AQXR332-S32-150	33	32	150	38	2			0.95
AQXR332-S32-200	33	32	200	38	2			1.26
AQXR332-S32-250	33	32	250	38	2	QOG/MT2062R-G1/M2	⑥	1.58
AQXR332-S32-300	33	32	300	38	2			1.89
AQXR334-S32-150	33	32	150	50	4			0.95
AQXR334-S32-200	33	32	200	50	4			1.26
AQXR334-S32-250	33	32	250	50	4	QOG/MT2062R-G1/M2	⑥	1.58
AQXR334-S32-300	33	32	300	50	4			1.89
AQXR352-S32-200	35	32	200	50	2			1.26
AQXR402-S32-160	40	32	160	50	2			1.01

NEW



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

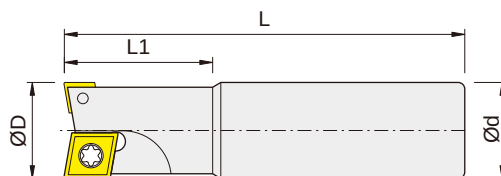
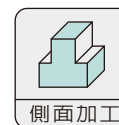
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
AQXR162-MD14	16	8.5	25	M8	2	QOG/MT0830R-G1/M2	①	0.05
AQXR172-MD14	17	8.5	25	M8	2			0.05
AQXR202-MD18	20	10.5	32	M10	2	QOG/MT1035R-G1/M2	②	0.07
AQXR212-MD18	21	10.5	32	M10	2			0.07
AQXR252-MD23	25	12.5	35	M12	2	QOG/MT1342R-G1/M2	③	0.12
AQXR262-MD23	26	12.5	35	M12	2			0.12
AQXR322-MD29	32	17	43	M16	2	QOG/MT1651R-G1/M2	④	0.25
AQXR332-MD29	33	17	43	M16	2			0.25

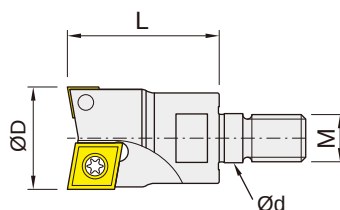
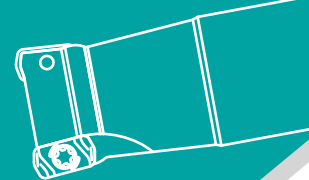
Insert	Spare parts	Screw 	Wrench
QOG/MT0830R-G1/M2	①	MS2205A	ETF07
QOG/MT1035R-G1/M2	②	MS2506A	ETF09
QOG/MT1342R-G1/M2	③	MS3008A	ETF09
QOG/MT1651R-G1/M2	④	MS4009A	ETF15
QOG/MT1856R-G1/M2	⑤	MS4011G	ETF15
QOG/MT2062R-G1/M2	⑥	MS5011A	ETF20

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	NM304	NW948		A	B	S	Re
QOMT0830R-M2		●		8.4	5.5	3.0	0.8
QOMT1035R-M2		●		10.6	7.0	3.5	0.8
QOMT1342R-M2		●		13.1	8.7	4.2	0.8
QOMT1651R-M2		●		16.5	11.0	5.1	0.8
QOMT1856R-M2				18.0	12.0	5.6	0.8
QOMT2062R-M2				20.4	13.6	6.2	0.8
QOGT0830R-G1		●		8.4	5.5	3.0	0.4
QOGT1035R-G1		●		10.6	7.0	3.5	0.4
QOGT1342R-G1		●		13.1	8.7	4.2	0.4
QOGT1651R-G1		●		16.5	11.0	5.1	0.4
QOGT1856R-G1				18.0	12.0	5.6	0.4
QOGT2062R-G1				20.4	13.6	6.2	0.4



Item code	Dimensions,mm				Teeth	Insert	Insert	Spare parts	Weight Kg
	D	d	L	L1					
C10-DM08-130	8	10	130	25	1	CCMT060204	--	①	0.08
C10-DM10-130	10	10	130	25	1			②	0.08
C10-DM10-150	10	10	150	25	1				0.09
C10-DM11-130	11	10	130	16	1				0.08
C10-DM11-150	11	10	150	16	1				0.09
C12-DM12-150	12	12	150	30	1	CPMT080204Z	--	③	0.13
C12-DM13-150	13	12	150	20	1				0.13
C16-DM16-150	16	16	150	30	2	CPMT080204Z	CCMT060204	④	0.24
C16-DM16-200	16	16	200	30	2				0.32
C16-DM17-150	17	16	150	25	2				0.24
C16-DM17-200	17	16	200	25	2				0.32
C20-DM20-150	20	20	150	30	2	CPMT090204Z	CCMT060204	⑤	0.37
C20-DM20-200	20	20	200	30	2				0.49
C20-DM21-150	21	20	150	25	2				0.37
C20-DM21-200	21	20	200	25	2				0.49
C25-DM25-150	25	25	150	40	2	CPMT120308Z	CPMT090308	⑥	0.58
C25-DM25-200	25	25	200	40	2				0.77
C25-DM25-250	25	25	250	40	2				0.96
C25-DM26-150	26	25	150	30	2				0.58
C25-DM26-200	26	25	200	30	2				0.77
C25-DM26-250	26	25	250	30	2	CPMT160408Z	CPMT120408	⑦	0.96
C32-DM32-150	32	32	150	40	2				0.95
C32-DM32-200	32	32	200	40	2				1.26
C32-DM32-250	32	32	250	40	2				1.58
C32-DM32-300	32	32	300	40	2				1.89
C32-DM33-150	33	32	150	30	2				0.95
C32-DM33-200	33	32	200	30	2				1.26
C32-DM33-250	33	32	250	30	2				1.58
C32-DM33-300	33	32	300	30	2				1.89

Boring & Milling Cutter (AJU)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

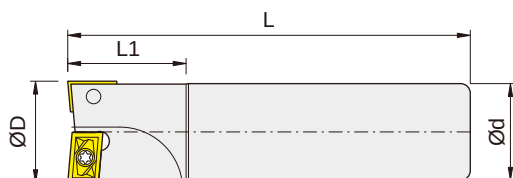
配件
SPARE PARTS

NEW

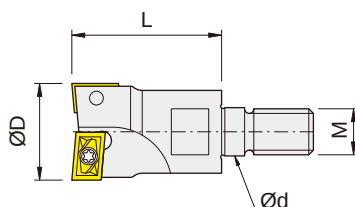
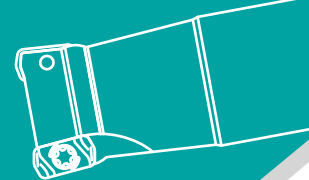
Item code	Dimensions,mm				Teeth	Insert	Insert	Spare parts	Weight Kg
	D	d	L	M					
AJU16-MD14	16	8.5	28	M8	2	CPMT080204Z	CCMT060204	④	0.05
AJU17-MD14	17	8.5	28	M8	2				0.05
AJU20-MD18	20	10.5	32	M10	2	CPMT090204Z	CCMT060204	⑤	0.07
AJU21-MD18	21	10.5	32	M10	2				0.07
AJU25-MD23	25	12.5	38	M12	2	CPMT120308Z	CPMT090308	⑥	0.12
AJU26-MD23	26	12.5	38	M12	2				0.12
AJU32-MD29	32	17	43	M16	2	CPMT160408Z	CPMT120408	⑦	0.24
AJU33-MD29	33	17	43	M16	2				0.25

Insert	Insert	Spare parts	Screw	Screw	Wrench	Wrench
CCMT060204	--	①	MS2505C	--	ETF07	--
CCMT060204	--	②	MS2506C	--	ETF07	--
CPMT080204Z	--	③	MS2506C	--	ETF07	--
CPMT080204Z	CCMT060204	④	MS2506C	MS2506C	ETF07	--
CPMT090204Z	CCMT060204	⑤	MS3507A	MS2506C	ETF15	ETF07
CPMT120308Z	CPMT090308	⑥	MS4009A	MS4009A	ETF15	--
CPMT160408Z	CPMT120408	⑦	MS5011A	MS5011A	ETF20	--

Description	GRADE 材質	Insert Shape	Dimensions,mm				
	CY250		S	A	Re	d1	θ°
CCMT060204	●		2.38	6.35	0.4	2.8	7
CPMT090308	●		3.18	9.525	0.8	4.4	11
CPMT120408	●		4.76	12.7	0.8	5.5	11
CPMT080204Z	●		2.38	7.94	0.4	2.8	11
CPMT090204Z	●		2.38	9.525	0.4	4	11
CPMT120308Z	●		3.18	12.7	0.8	4.5	11
CPMT160408Z	●		4.76	15.875	0.8	5.5	11



Item code	Dimensions,mm				No of Flute		Insert		Spare parts	Weight Kg
	D	d	L	L1	End	Periphery	On End	On Periphery		
ASJ202-S20-150	20	20	150	25	1	1	ADMT1003..L	ACMT1003..R	①	0.37
ASJ202-S20-200	20	20	200	25	1	1				0.49
ASJ212-S20-150	21	20	150	25	1	1				0.37
ASJ212-S20-200	21	20	200	25	1	1				0.49
ASJ252-S25-150	25	25	150	30	1	1	ADMT12T3..L	APMT12T3..R	②	0.58
ASJ252-S25-200	25	25	200	30	1	1				0.77
ASJ262-S25-150	26	25	150	30	1	1				0.58
ASJ262-S25-200	26	25	200	30	1	1				0.77
ASJ262-S25-250	26	25	250	30	1	1				0.96
ASJ322-S32-150	32	32	150	40	1	1	APMT1604..L	APMT1504..R	③	0.95
ASJ322-S32-200	32	32	200	40	1	1				1.26
ASJ322-S32-250	32	32	250	40	1	1				1.58
ASJ332-S32-150	33	32	150	30	1	1				0.95
ASJ332-S32-200	33	32	200	30	1	1				1.26
ASJ332-S32-250	33	32	250	30	1	1				1.58
ASJ332-S32-300	33	32	300	30	1	1				1.89
ASJ352-S32-150	35	32	150	35	1	1	APMT1704..L	APMT1504..R	④	0.95
ASJ352-S32-200	35	32	200	35	1	1				1.26
ASJ352-S32-250	35	32	250	35	1	1				1.58
ASJ352-S32-300	35	32	300	35	1	1				1.89



Item code	Dimensions,mm				No of Flute		Insert		Spare parts	Weight Kg
	D	d	L	M	End	Periphery	On End	On Periphery		
ASJ202-MD18	20	10.5	30	M10	1	1	ADMT1003..L	ACMT1003..R	①	0.07
ASJ212-MD18	21	10.5	30	M10	1	1				0.07
ASJ252-MD23	25	12.5	35	M12	1	1	ADMT12T3..L	APMT12T3..R	②	0.12
ASJ262-MD23	26	12.5	35	M12	1	1				0.12
ASJ322-MD29	32	17	43	M16	1	1	APMT1604..L	APMT1504..R	③	0.24
ASJ332-MD29	33	17	43	M16	1	1				0.25
ASJ352-MD29	35	17	43	M16	1	1	APMT1704..L	APMT1504..R	④	0.25
ASJ402-MD29	40	17	43	M16	1	1	APMT1905..L	APMT1504..R	⑤	0.40

Insert		Spare parts	Screw	Wrench
On End	On Periphery			
ADMT1003..L	ACMT1003..R	①	MS2506A	ETF09
ADMT12T3..L	APMT12T3..R	②	MS3008A	ETF09
APMT1604..L	APMT1504..R	③	MS4011A	ETF15
APMT1704..L	APMT1504..R	④	MS4011A	ETF15
APMT1905..L	APMT1504..R	⑤	MS4011A	ETF15

Description	GRADE 材質		Insert Shape	Dimensions,mm				
	CY250	CY100H		A	B	S	Re	θ°
ACMT100308R	●		 外刃 Periphery Insert	10.10	6.35	3.40	0.8	7
APMT12T308R	●			13.14	7.93	3.90	0.8	11
APMT150408R	●			15.88	9.53	4.76	0.8	11
ADMT100308L	●		 底刃 End Insert	10.40	6.35	3.18	0.8	15
ADMT12T308L	●			12.60	7.93	3.90	0.8	15
APMT160408L	●			16.45	9.53	4.76	0.8	11
APMT170408L	●			17.60	9.53	4.76	0.8	11
APMT190508L				19.60	10.00	5.00	0.8	11

内徑車刀
BORING BARS

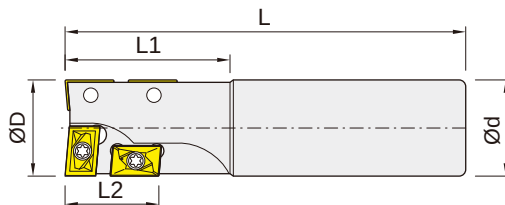
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

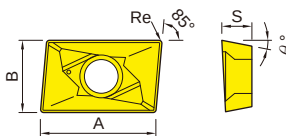
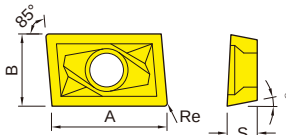
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

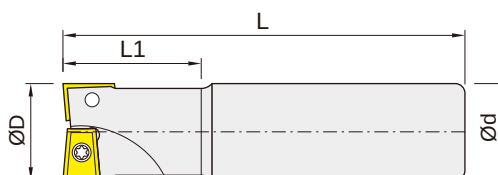
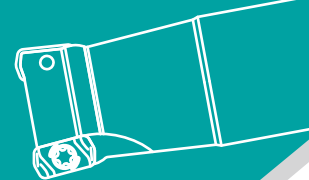


Item code	Dimensions,mm					No of Flute		Insert		Spare parts	Weight Kg
	D	d	L	L1	L2	End	Periphery	On End	On Periphery		
ASJ204-S20-150	20	20	150	35	20	1	3	ADMT1003..L	ACMT1003..R	①	0.37
ASJ204-S20-200	20	20	200	35	20	1	3				0.49
ASJ214-S20-150	21	20	150	35	20	1	3				0.37
ASJ214-S20-200	21	20	200	35	20	1	3				0.49
ASJ254-S25-150	25	25	150	40	25	1	3	ADMT12T3..L	APMT12T3..R	②	0.58
ASJ254-S25-200	25	25	200	40	25	1	3				0.77
ASJ254-S25-250	25	25	250	40	25	1	3				0.96
ASJ264-S25-150	26	25	150	40	25	1	3				0.58
ASJ264-S25-200	26	25	200	40	25	1	3	APMT1604..L	APMT1504..R	③	0.77
ASJ264-S25-250	26	25	250	40	25	1	3				0.96
ASJ324-S32-150	32	32	150	50	35	1	3				0.95
ASJ324-S32-200	32	32	200	50	35	1	3				1.26
ASJ324-S32-250	32	32	250	50	35	1	3	APMT1704..L	APMT1504..R	④	1.58
ASJ324-S32-300	32	32	300	50	35	1	3				1.89
ASJ334-S32-150	33	32	150	50	35	1	3				0.95
ASJ334-S32-200	33	32	200	50	35	1	3				1.26
ASJ334-S32-250	33	32	250	50	35	1	3				1.58
ASJ354-S32-150	35	32	150	50	35	1	3	APMT1704..L	APMT1504..R	④	0.95
ASJ354-S32-200	35	32	200	50	35	1	3				1.26
ASJ354-S32-250	35	32	250	50	35	1	3				1.58
ASJ354-S32-300	35	32	300	50	35	1	3				1.89

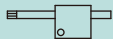
Insert		Spare parts	Screw	Wrench
On End	On Periphery			
ADMT1003..L	ACMT1003..R	①	MS2506A	ETF09
ADMT12T3..L	APMT12T3..R	②	MS3008A	ETF09
APMT1604..L	APMT1504..R	③	MS4011A	ETF15
APMT1704..L	APMT1504..R	④	MS4011A	ETF15

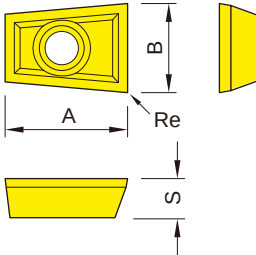
Description	GRADE 材質		Insert Shape	Dimensions,mm				
	CY250	CY100H		A	B	S	Re	θ°
ACMT100308R	●		 外刃 Periphery Insert	10.10	6.35	3.40	0.8	7
APMT12T308R	●			13.14	7.93	3.90	0.8	11
APMT150408R	●			15.88	9.53	4.76	0.8	11
ADMT100308L	●		 底刃 End Insert	10.40	6.35	3.18	0.8	15
ADMT12T308L	●			12.60	7.93	3.90	0.8	15
APMT160408L	●			16.45	9.53	4.76	0.8	11
APMT170408L	●			17.60	9.53	4.76	0.8	11
APMT190508L	●			19.60	10.00	5.00	0.8	11

PG 鑽銑刀 Boring & Milling Cutter (PG)



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
PG20-S20-150	20	20	150	30	2	PG100308 N-81	①	0.37
PG20-S20-200	20	20	200	30	2			0.49
PG21-S20-150	21	20	150	25	2			0.37
PG21-S20-200	21	20	200	25	2			0.49
PG25-S25-150	25	25	150	40	2	PG130408 N-81	②	0.58
PG25-S25-200	25	25	200	40	2			0.77
PG26-S25-150	26	25	150	30	2			0.58
PG26-S25-200	26	25	200	30	2			0.77
PG32-S32-150	32	32	150	45	2	PG160408 N-81	③	0.95
PG32-S32-200	32	32	200	45	2			1.26
PG32-S32-250	32	32	250	45	2			1.58
PG33-S32-150	33	32	150	35	2			0.95
PG33-S32-200	33	32	200	35	2			1.26
PG33-S32-250	33	32	250	35	2			1.58

Insert	Spare parts	Screw 	Wrench 
PG100308 N-81	①	MS2506A	ETF09
PG130408 N-81	②	MS3008A	ETF09
PG160408 N-81	③	MS4011A	ETF15

Description	GRADE 材質	Insert Shape 	Dimensions,mm			
	5020		A	B	S	Re
PG100308 N-81	●		10.5	7.5	3.4	0.8
PG130408 N-81	●		13	9.4	4.5	0.8
PG160408 N-81	●		16.52	11.4	4.76	0.8

內徑車刀
BORING BARS

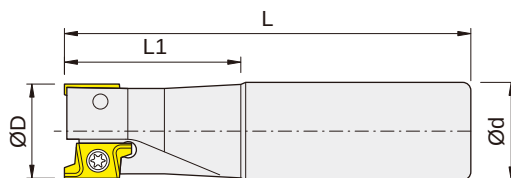
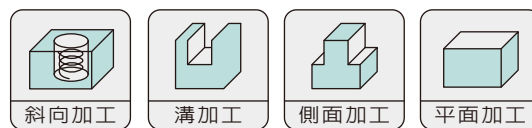
外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

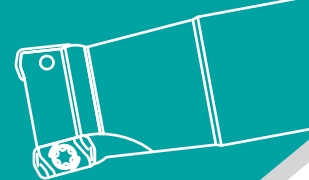
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
RT07-D061-S10-100	6	10	100	20	1	RT-0702 ..	①	0.06
RT07-D081-S10-100	8	10	100	20	1			0.06
RT07-D091-S10-100	9	10	100	20	1			0.06
RT07-D102-S10-100	10	10	100	25	2			0.06
RT07-D102-S10-150	10	10	150	25	2			0.09
RT07-D112-S10-100	11	10	100	20	2			0.06
RT07-D112-S10-150	11	10	150	20	2			0.09
RT07-D122-S12-100	12	12	100	25	2	RT-0702 ..	②	0.09
RT07-D122-S12-150	12	12	150	25	2			0.13
RT07-D132-S12-100	13	12	100	20	2			0.09
RT07-D132-S12-150	13	12	150	20	2			0.13
RT07-D163-S16-150	16	16	150	30	3			0.24
RT07-D163-S16-200	16	16	200	30	3			0.32
RT07-D173-S16-150	17	16	150	25	3			0.24
RT07-D173-S16-200	17	16	200	25	3			0.32
RT07-D204-S20-150	20	20	150	35	4			0.37
RT07-D204-S20-200	20	20	200	35	4			0.49
RT07-D214-S20-150	21	20	150	25	4			0.37
RT07-D214-S20-200	21	20	200	25	4			0.49
RT10-D162-S16-150	16	16	150	30	2	RT-1003	③	0.24
RT10-D162-S16-200	16	16	200	30	2			0.32
RT10-D172-S16-150	17	16	150	25	2			0.24
RT10-D172-S16-200	17	16	200	25	2			0.32
RT10-D202-S20-150	20	20	150	35	2			0.37
RT10-D202-S20-200	20	20	200	35	2			0.49
RT10-D203-S20-150	20	20	150	35	3			0.37
RT10-D203-S20-200	20	20	200	35	3			0.49
RT10-D212-S20-150	21	20	150	30	2			0.37
RT10-D212-S20-200	21	20	200	30	2			0.49
RT10-D213-S20-150	21	20	150	30	3			0.37
RT10-D213-S20-200	21	20	200	30	3			0.49
RT10-D252-S25-150	25	25	150	40	2			0.58
RT10-D252-S25-200	25	25	200	40	2			0.77
RT10-D253-S25-150	25	25	150	40	3			0.58
RT10-D253-S25-200	25	25	200	40	3			0.77
RT10-D253-S25-250	25	25	250	40	3			0.96

Boring & Milling Cutter (RT)



NEW

NEW

NEW

NEW

NEW

NEW

NEW

NEW

NEW

NEW

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
RT10-D262-S25-150	26	25	150	30	2	RT-1003	③	0.58
RT10-D262-S25-200	26	25	200	30	2			0.77
RT10-D263-S25-150	26	25	150	30	3			0.58
RT10-D263-S25-200	26	25	200	30	3			0.77
RT10-D263-S25-250	26	25	250	30	3			0.96
RT10-D324-S32-150	32	32	150	40	4			0.95
RT10-D324-S32-200	32	32	200	40	4			1.26
RT10-D324-S32-250	32	32	250	40	4			1.58
RT10-D324-S32-300	32	32	300	40	4			1.89
RT10-D325-S32-150	32	32	150	40	5			0.95
RT10-D325-S32-200	32	32	200	40	5			1.26
RT10-D325-S32-250	32	32	250	40	5			1.58
RT10-D325-S32-300	32	32	300	40	5			1.89
RT10-D334-S32-150	33	32	150	35	4			0.95
RT10-D334-S32-200	33	32	200	35	4			1.26
RT10-D334-S32-250	33	32	250	35	4			1.58
RT10-D334-S32-300	33	32	300	35	4			1.89
RT10-D335-S32-150	33	32	150	35	5			0.95
RT10-D335-S32-200	33	32	200	35	5			1.26
RT10-D335-S32-250	33	32	250	35	5			1.58
RT10-D335-S32-300	33	32	300	35	5			1.89
RT10-D354-S32-150	35	32	150	35	4			0.95
RT10-D354-S32-200	35	32	200	35	4			1.26
RT10-D354-S32-250	35	32	250	35	4			1.58
RT10-D354-S32-300	35	32	300	35	4			1.89
RT10-D355-S32-150	35	32	150	35	5			0.95
RT10-D355-S32-200	35	32	200	35	5			1.26
RT10-D355-S32-250	35	32	250	35	5			1.58
RT10-D355-S32-300	35	32	300	35	5			1.89

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

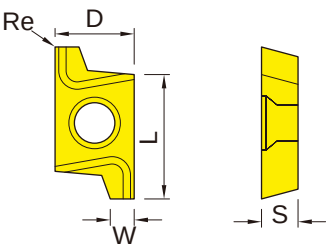
牙刀 & 開槽刀
THREADING & GROOVING

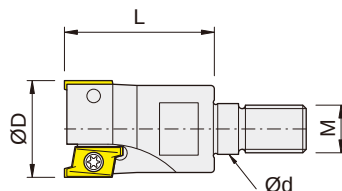
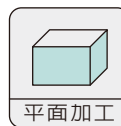
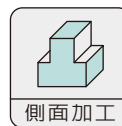
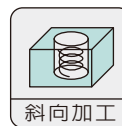
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

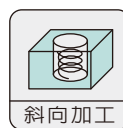
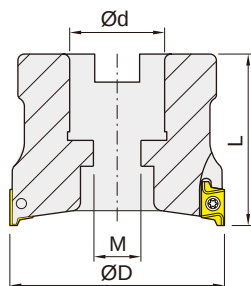
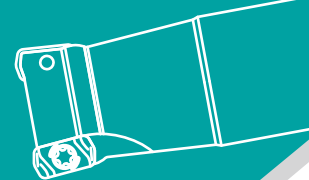
配件
SPARE PARTS

Insert	Spare parts	Screw 	Wrench 
RT-0702 ..	①	MS2004A	ETF06
RT-0702 ..	②	MS2005A	ETF06
RT-1003 ..	③	MS2506B	ETF09

Description	GRADE 材質		Insert Shape 	Dimensions,mm				
	5020	2003		D	S	L	Re	W
RT070204 R-81	●	○		4.3	2.38	6.4	0.4	1.1
RT100304 R-81	●	○		6.35	3.4	9.1	0.4	1.6
RT100304 R-31	○			6.35	3.4	9.1	0.4	1.8
RT100308 R-31	○			6.35	3.4	9.1	0.8	1.8



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
RT07-D091-MD08	9	4.5	18	M4	1	RT-0702 ..	①	0.02
RT07-D102-MD10	10	5.5	18	M5	2			0.02
RT07-D112-MD10	11	5.5	18	M5	2			0.02
RT07-D122-MD11	12	6.5	20	M6	2	RT-0702 ..	②	0.03
RT07-D132-MD11	13	6.5	20	M6	2			0.03
NEW RT07-D163-MD14	16	8.5	23	M8	3			0.04
NEW RT07-D173-MD14	17	8.5	23	M8	3			0.04
RT07-D204-MD18	20	10.5	30	M10	4			0.08
RT07-D214-MD18	21	10.5	30	M10	4			0.08
RT10-D162-MD14	16	8.5	30	M8	2	RT-1003	③	0.05
RT10-D172-MD14	17	8.5	30	M8	2			0.05
RT10-D202-MD18	20	10.5	30	M10	2			0.07
RT10-D203-MD18	20	10.5	30	M10	3			0.07
RT10-D212-MD18	21	10.5	30	M10	2			0.07
RT10-D213-MD18	21	10.5	30	M10	3			0.07
RT10-D253-MD23	25	12.5	35	M12	3			0.12
RT10-D263-MD23	26	12.5	35	M12	3			0.12
RT10-D264-MD23	26	12.5	35	M12	4			0.15
RT10-D324-MD29	32	17	43	M16	4			0.24
RT10-D325-MD29	32	17	43	M16	5			0.23
RT10-D334-MD29	33	17	43	M16	4			0.25
RT10-D335-MD29	33	17	43	M16	5			0.24
RT10-D354-MD29	35	17	43	M16	4			0.26
RT10-D355-MD29	35	17	43	M16	5			0.25



斜向加工



溝加工



側面加工



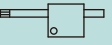
平面加工

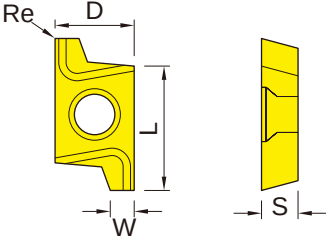
Metric

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
RT10-D504-22.0	50	22.0	40	11	4	RT-1003	③	0.48
RT10-D506-22.0	50	22.0	40	11	6			0.49

Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
RT10-D634-25.4	63	25.4	50	13	4	RT-1003	③	0.83
RT10-D636-25.4	63	25.4	50	13	6			0.79
RT10-D664-25.4	66	25.4	50	13	4			0.83
RT10-D666-25.4	66	25.4	50	13	6			0.80

Insert	Spare parts	Screw 	Wrench 
RT-0702 ..	①	MS2004A	ETF06
RT-0702 ..	②	MS2005A	ETF06
RT-1003 ..	③	MS2506B	ETF09

Description	GRADE 材質		Insert Shape 	Dimensions,mm				
	5020	2003		D	S	L	Re	W
RT070204 R-81	●	○		4.3	2.38	6.4	0.4	1.1
RT100304 R-81	●	○		6.35	3.4	9.1	0.4	1.6
RT100304 R-31	○			6.35	3.4	9.1	0.4	1.8
RT100308 R-31	○			6.35	3.4	9.1	0.8	1.8

內徑車刀
BORING BARS

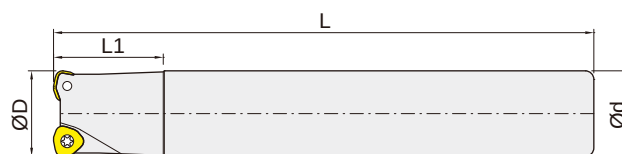
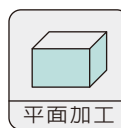
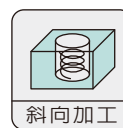
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
AJX06-203-S20-150	20	20	150	25	3	JO..06T2...	①	0.37
AJX06-223-S20-150	22	20	150	25	3			0.37
AJX08-202-S20-150	20	20	150	30	2	JO..0803...	②	0.37
AJX08-202-S20-200	20	20	200	30	2			0.49
AJX08-212-S20-150	21	20	150	20	2			0.37
AJX08-212-S20-200	21	20	200	20	2			0.49
AJX08-222-S20-150	22	20	150	25	2			0.37
AJX08-222-S20-200	22	20	200	25	2			0.49
AJX08-253-S25-150	25	25	150	35	3			0.58
AJX08-253-S25-200	25	25	200	35	3			0.77
AJX08-263-S25-150	26	25	150	30	3			0.58
AJX08-263-S25-200	26	25	200	30	3			0.77
AJX08-353-S32-150	35	32	150	30	3			0.95
AJX08-353-S32-200	35	32	200	30	3			1.26
AJX12-322-S32-150	32	32	150	45	2	JD..1204...	③	0.95
AJX12-322-S32-200	32	32	200	45	2			1.26
AJX12-322-S32-250	32	32	250	45	2			1.58
AJX12-403-S32-150	40	32	150	35	3			0.95
AJX12-403-S32-200	40	32	200	35	3			1.26
AJX12-403-S32-250	40	32	250	35	3			1.58
AJX12-403-S32-300	40	32	300	35	3			1.89
AJX12-403-S42-150	40	42	150	70	3			1.63
AJX12-403-S42-200	40	42	200	70	3			2.18

NEW

NEW

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
JO..06T2...	①	MS2506B	ETF09	--	--	--
JO..0803...	②	MS3008A	ETF09	--	--	--
JD..1204...	③	MS4011G	ETF15	MS3509A	MC35-143	ETF15
JD..1405...	④	MS5011A	ETF20	MS5011A	MC50-147	ETF20

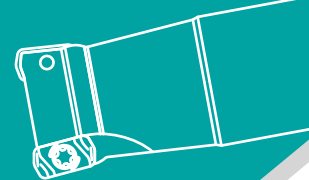


FIG-1

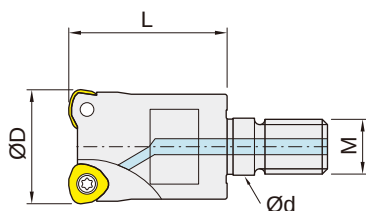


FIG-2

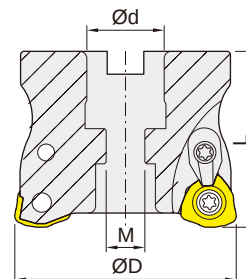


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
NEW	AJX06-162-AMD14	16	8.5	25	M8	2	JO..06T2...	①	0.04
	AJX08-212-MD18	21	10.5	30	M10	2	JO..0803...	②	0.08
	AJX08-253-MD23	25	12.5	35	M12	3			0.12
	AJX08-263-MD23	26	12.5	35	M12	3			0.13
NEW	AJX08-283-MD23	28	12.5	35	M12	3			0.13
NEW	AJX08-323-MD29	32	17	43	M16	3			0.27
	AJX08-353-MD29	35	17	43	M16	3			0.27

Metric

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
AJX12-050A03R-22.0		50	22.0	50	11	3	JD..1204..	③	0.46
AJX12-050A04R-22.0		50	22.0	50	11	4			0.41
AJX12-063A04R-22.0		63	22.0	50	11	4			0.76
AJX14-063A04R-22.0		63	22.0	50	11	4	JD..1405..	④	0.69

Inch

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
AJX12-06304CR-25.4		63	25.4	50	13	4	JD..1204..	③	0.74
AJX12-06604CR-25.4		66	25.4	50	13	4			0.78
AJX12-08004CR-25.4		80	25.4	50	13	4			1.08
AJX14-06304CR-25.4		63	25.4	50	13	4	JD..1405..	④	0.67
AJX14-06604CR-25.4		66	25.4	50	13	4			0.74
AJX14-08004DR-31.75		80	31.75	63	17	4			1.49
AJX14-10005DR-31.75		100	31.75	63	17	5			2.61

Description	GRADE 材質		Insert Shape	Dimensions,mm				
	NW948	JP4120		A	B	S	Re	θ°
JO..06T2...	●				6.35	2.78	1.5	13
JO..0803...	●				8.00	3.18	2.0	13
JD..1204...	●				12.00	4.76	2.0	15
JD..1405...	●				14.00	5.56	2.0	15
WD..120420		○			12.00	4.76	2.0	15
WD..140520		○			14.00	5.56	2.0	15

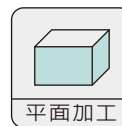
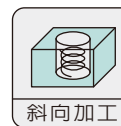


FIG-1

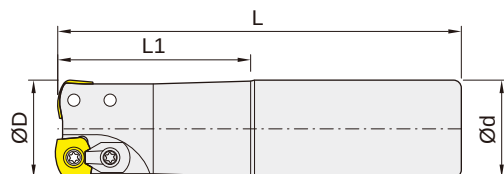


FIG-2

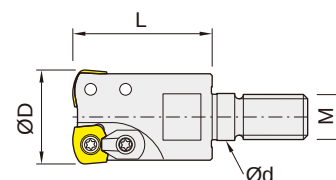
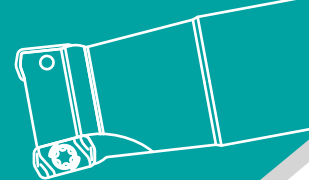
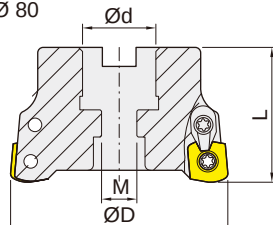


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
ASR20-S20-150	20	20	150	40	2	EPNW0803TN-10	①	0.37
ASR20-S20-200	20	20	200	40	2			0.49
ASR25-S25-150	25	25	150	50	2	EDNW10T3TN-10	②	0.58
ASR25-S25-200	25	25	200	50	2			0.77
ASR25-S25-250	25	25	250	50	2			0.96
ASR35S-S32-150	35	32	150	40	3			0.95
ASR35S-S32-200	35	32	200	40	3			1.26
ASR35S-S32-250	35	32	250	40	3			1.58
NEW ASR32-S32-150	32	32	150	50	2	EDNW13T4TN-10	③	0.95
NEW ASR32-S32-200	32	32	200	50	2			1.26
NEW ASR32-S32-250	32	32	250	50	2			1.58
ASR35-S32-150	35	32	150	40	2			0.95
ASR35-S32-200	35	32	200	40	2			1.26
ASR35-S32-250	35	32	250	40	2			1.58
ASR35-S32-300	35	32	300	40	2			1.89

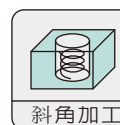
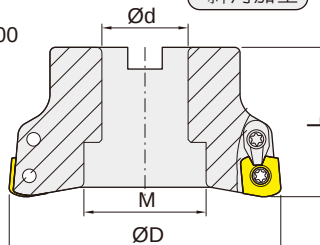
FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
ASR20-MD18	20	10.5	30	M10	2	EPNW0803TN-10	①	0.07
ASR25-MD23	25	12.5	35	M12	2	EDNW10T3TN-10	②	0.12
ASR35-MD29	35	17	43	M16	2	EDNW13T4TN-10	③	0.22



Ø 50
Ø 63
Ø 66
Ø 80



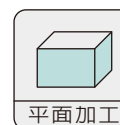
Ø 100



斜角加工



曲面加工



平面加工

Metric

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
NEW ASR504-22.0	50	22.0	50	11	4	EDNW13T4TN-10	③	0.34
ASR664S-27.0	66	27.0	50	13	4			0.61
ASR804S-27.0	80	27.0	50	13	4			0.99
ASR805S-27.0	80	27.0	50	13	5			0.98
ASR633-22.0	63	22.0	50	11	3	EDNW15T4TN-10	④	0.69
ASR634-22.0	63	22.0	50	11	4			0.55
ASR804-27.0	80	27.0	50	13	4			0.99
ASR805-27.0	80	27.0	50	13	5			0.91

Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
ASR634S-25.4	63	25.4	50	13	4	EDNW13T4TN-10	③	0.57
ASR664S-25.4	66	25.4	50	13	4			0.63
ASR805SB-25.4	80	25.4	50	13	5			1.00
ASR634-25.4	63	25.4	50	13	4	EDNW15T4TN-10	④	0.52
ASR664-25.4	66	25.4	50	13	4			0.58
ASR804-25.4	80	25.4	50	13	4			1.00
ASR805-25.4	80	25.4	50	13	5			0.95
ASR1006-31.75	100	31.75	50	45	6			1.47

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
EPNW0803TN-10	①	MS3507A	ETF15	MS3509A	MC35-143	ETF15
EDNW10T3TN-10	②	MS4009B	ETF15	MS3509A	MC35-143	ETF15
EDNW13T4TN-10	③	MS5011A	ETF20	MS5011A	MC50-147	ETF20
EDNW15T4TN-10	④	MS5011A	ETF20	MS5011A	MC50-147	ETF20

Description	GRADE 材質	Insert Shape	Dimensions,mm			
	CY250		A	B	S	Re
EPNW0803TN-10	●		8.1	7.94	3.18	10
EDNW10T3TN-10	●		10.0	10.00	3.97	10
EDNW13T4TN-10	●		13.5	12.70	5.56	10
EDNW15T4TN-10	●		15.0	14.00	5.56	10
EDNW13T4TN-15			13.5	12.70	5.56	15
EDNW15T4TN-15			15.0	14.00	5.56	15

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



FIG-1

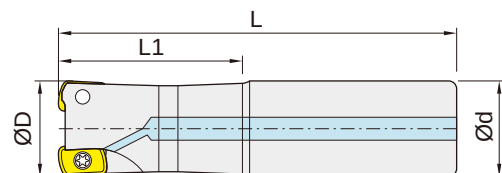


FIG-2

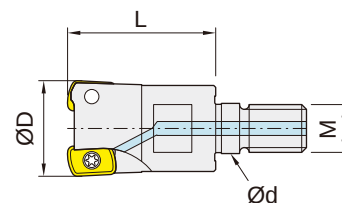


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	L1				
ASRS162-S16-150		16	16	150	25	2	EPMT0603TN-8	①	0.24
ASRS162-S16-200		16	16	200	25	2			0.32
ASRS172-S16-150		17	16	150	25	2			0.24
ASRS172-S16-200		17	16	200	25	2			0.32
NEW ASRS203-S20-150	ASRS203-A20-150	20	20	150	40	3			0.37
NEW ASRS203-S20-200	ASRS203-A20-200	20	20	200	40	3			0.49
NEW ASRS213-S20-150	ASRS213-A20-150	21	20	150	30	3			0.37
NEW ASRS213-S20-200	ASRS213-A20-200	21	20	200	30	3			0.49
NEW ASRS254-S25-150	ASRS254-A25-150	25	25	150	40	4			0.58
NEW ASRS254-S25-200	ASRS254-A25-200	25	25	200	40	4			0.77
NEW ASRS264-S25-150	ASRS264-A25-150	26	25	150	35	4			0.58
NEW ASRS264-S25-200	ASRS264-A25-200	26	25	200	35	4			0.77
ASRS324-S32-150		32	32	150	45	4			0.95
ASRS324-S32-200		32	32	200	45	4			1.26
ASRS324-S32-250		32	32	250	45	4			1.58
ASRS355-S32-150		35	32	150	30	5			0.95
ASRS355-S32-200		35	32	200	30	5			1.26
ASRS355-S32-250		35	32	250	30	5			1.58

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
NEW ASRS162-MD14	ASRS162-AMD14	16	8.5	23	M8	2	EPMT0603TN-8	①	0.04
NEW ASRS172-MD14	ASRS172-AMD14	17	8.5	23	M8	2			0.04
NEW ASRS203-MD18	ASRS203-AMD18	20	10.5	30	M10	3			0.07
NEW ASRS213-MD18	ASRS213-AMD18	21	10.5	30	M10	3			0.08
NEW ASRS254-MD23	ASRS254-AMD23	25	12.5	35	M12	4			0.14
NEW ASRS263-MD23	ASRS263-AMD23	26	12.5	35	M12	3			0.16
NEW ASRS264-MD23	ASRS264-AMD23	26	12.5	35	M12	4			0.15
NEW ASRS324-MD29	ASRS324-AMD29	32	17	43	M16	4			0.29
NEW ASRS325-MD29	ASRS325-AMD29	32	17	43	M16	5			0.29
NEW ASRS355-MD29	ASRS355-AMD29	35	17	43	M16	5			0.34
NEW ASRS426-MD29		42	17	43	M16	6			0.43

ASRF4 高進給銑刀 High Feed Milling (ASRF4)



FIG-1

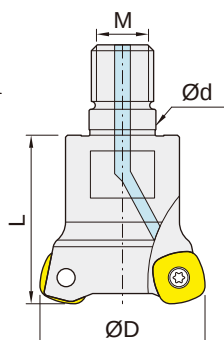
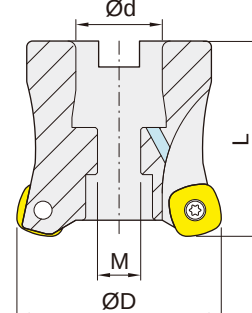


FIG-2



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

NEW
NEW
NEW
NEW

FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
ASRF4-322-MD29	ASRF4-322-AMD29	32	17	43	M16	2	SD..1205..	②	0.22
ASRF4-353-MD29	ASRF4-353-AMD29	35	17	43	M16	3			0.23
ASRF4-404-MD29	ASRF4-404-AMD29	40	17	43	M16	4			0.24
ASRF4-424-MD29	ASRF4-424-AMD29	42	17	43	M16	4			0.26

Metric

NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
ASRF4-424-16.0※	ASRF4-424-A16.0※	42	16.0	40	9	4	SD..1205..	②	0.23
ASRF4-504-22.0	ASRF4-504-A22.0	50	22.0	50	11	4			0.43
ASRF4-505-22.0	ASRF4-505-A22.0	50	22.0	50	11	5			0.37
ASRF4-524-22.0	ASRF4-524-A22.0	52	22.0	50	11	4			0.41
ASRF4-525-22.0	ASRF4-525-A22.0	52	22.0	50	11	5			0.44
ASRF4-634-22.0	ASRF4-634-A22.0	63	22.0	50	11	4			0.61
ASRF4-635-22.0	ASRF4-635-A22.0	63	22.0	50	11	5			0.61
ASRF4-634-27.0	ASRF4-634-A27.0	63	27.0	50	13	4			0.67
ASRF4-635-27.0	ASRF4-635-A27.0	63	27.0	50	13	5			0.68
ASRF4-666-27.0	ASRF4-666-A27.0	66	27.0	50	13	6			0.75
ASRF4-806-27.0	ASRF4-806-A27.0	80	27.0	50	13	6			1.09
ASRF4-807-27.0	ASRF4-807-A27.0	80	27.0	50	13	7			1.22

※表示另附刀把螺絲HTM833HS (※ The mill equips with a cap screw HTM833HS)

Insert	Spare parts	Screw	Wrench
EPMT0603TN-8	①	MS2506B	ETF09
SD..1205..R15	②	MS4011G	ETF15

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	JX1045	JP4020		A	B	S	Re
EPMT0603TN-8		●		10	6.35	3.18	8
SDNW1205ZDTN-R15	●			12.7	12.7	5.56	15

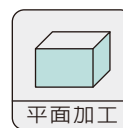
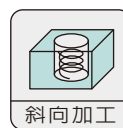


FIG-1



FIG-2

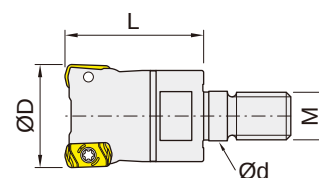
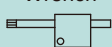
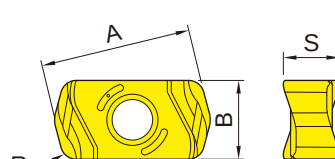


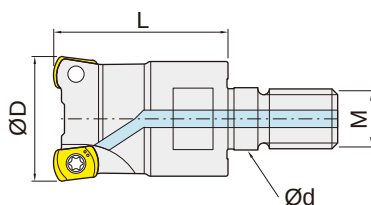
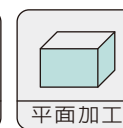
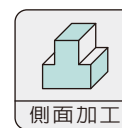
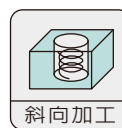
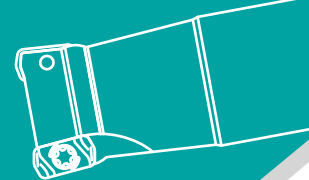
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
NEW EXN3-162-S16-150T	16	16	150	30	2	LNMU03...MJ/ML	①	0.24
NEW EXN3-172-S16-150T	17	16	150	25	2			0.24
NEW EXN3-203-S20-150T	20	20	150	35	3			0.37
NEW EXN3-213-S20-150T	21	20	150	30	3			0.37
NEW EXN3-254-S25-150T	25	25	150	35	4			0.58
NEW EXN3-264-S25-150T	26	25	150	35	4			0.58

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
NEW EXN3-172-MD14	17	8.5	25	M8	2	LNMU03...MJ/ML	①	0.04
NEW EXN3-213-MD18	21	10.5	30	M10	3			0.07

Insert	Spare parts	Screw 	Wrench 
LNMU03...MJ/ML	①	MS2506E	ETF08

Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	AH725	AH130		A	B	S	Re
LNMU0303-ZER-MJ	●	●		11.59	6	4.29	1.2
LNMU0303-ZER-ML	●	●		11.59	6	4.29	1.2

TEBL 高進給銑刀 High Feed Milling (TEBL)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

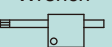
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

NEW
NEW
NEW
NEW
NEW
NEW
NEW

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
	TEBL06-162-AMD14	16	8.5	25	M8	2	BLMP0603..	①	0.04
TEBL06-172-MD14		17							0.05
	TEBL06-203-AMD18	20	10.5	30	M10	3			0.07
TEBL06-213-MD18		21							0.10
	TEBL06-254-AMD23	25	12.5	35	M12	4			0.12
TEBL06-264-MD23		26							0.17
TEBL06-355-MD29	TEBL06-355-AMD29	35	17	43	M16	5		0.25	

Insert	Spare parts	Screw 	Wrench 
BLMP0603..	①	MS2506E	ETF08

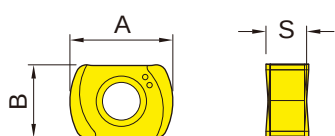
Description	GRADE 材質		Insert Shape 	Dimensions,mm			
	TT9080	JW961		A	B	S	ap
BLMP0603R-M BNMX0603MGBL	●	●		9	6.39	3.73	1.00



FIG-1

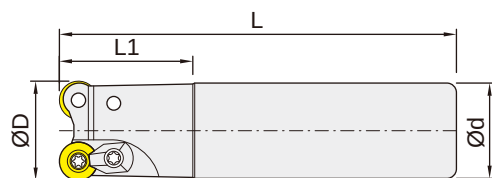


FIG-2

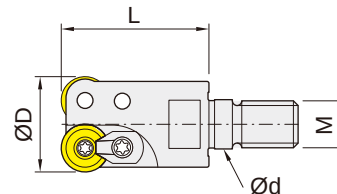
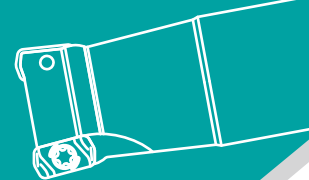


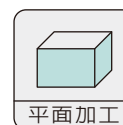
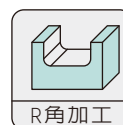
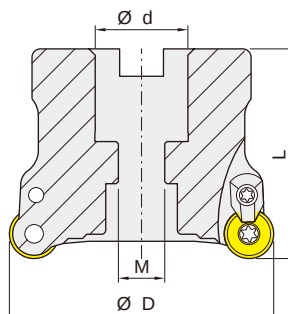
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
BRP08-202-S20-150	20	20	150	35	2	RP..08T2	①	0.37
BRP08-202-S20-200			200					0.49
BRP10-252-S25-150	25	25	150	40	2	RP..10T3	②	0.58
BRP10-252-S25-200			200					0.77
BRP10-252-S25-250			250					0.96
BRP12-252-S25-150	25	25	150	45	2	RP..1204	③	0.58
BRP12-252-S25-200			200					0.77
BRP12-252-S25-250			250					0.96
BRP12-262-S25-150	26	25	150	35	2	RP..1204	④	0.58
BRP12-262-S25-200			200					0.77
BRP12-262-S25-250			250					0.96
BRP12-322-S32-150	32	32	150	45	2			0.95
BRP12-322-S32-200			200					1.26
BRP12-323-S32-150			150		3			0.95
BRP12-323-S32-200			200					1.26
BRP12-323-S32-250			250					1.58
RP103-202-S20-150	20	20	150	35	2	RP..1003	⑤	0.37
RP103-202-S20-200			200					0.49
RP103-212-S20-150	21		150	25				0.37
RP103-212-S20-200			200					0.49
RP103-252-S25-150	25	25	150	40	2	RP..1003	⑥	0.58
RP103-252-S25-200			200					0.77
RP103-262-S25-150	26		150	30				0.58
RP103-262-S25-200			200					0.77

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
BRP12-252-MD23	25	12.5	35	M12	2	RP..1204	③	0.14
BRP12-262-MD23	26	12.5	35	M12	2		④	0.15
RP103-202-MD18	20	10.5	30	M10	2	RP..1003	⑤	0.08
RP103-212-MD18	21	10.5	30	M10	2			0.08
RP103-252-MD23	25	12.5	35	M12	2	RP..1003	⑥	0.15
RP103-253-MD23	25	12.5	35	M12	3		⑤	0.14
RP103-262-MD23	26	12.5	35	M12	2		⑥	0.16
RP103-303-MD23	30	12.5	35	M12	3			0.20
RP103-353-MD29	35	17	43	M16	3			0.35
RP103-354-MD29	35	17	43	M16	4			0.34

Corner Rounding End Mills (RPM)



Ø 50
 Ø 63
 Ø 66
 Ø 80
 Ø 100



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Metric

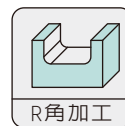
Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
RPM-6R504-22.0	50	22.0	50	11	4	RP..1204	④	0.41

Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
RPM-6R504-25.4	50	25.4	50	13	4	RP..1204	④	0.38
RPM-6R635-25.4	63	25.4	50	13	5			0.68
RPM-6R665-25.4	66	25.4	50	13	5			0.77
RPM-6R806-25.4	80	25.4	50	13	6			1.10
RPM-6R1006-31.75	100	31.75	50	13	6			1.55

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
RP..08T2	①	MS2506A	ETF09	MS3509A	MC35-143	ETF15
RP..10T3	②	MS3509A	ETF15	MS3509A	MC35-143	ETF15
RP..1204	③	MS4009A	ETF15	MS3509A	MC35-143	ETF15
RP..1204	④	MS4011A	ETF15	MS3509A	MC35-143	ETF15
RP..1003	⑤	MS4009A	ETF15	--	--	--
RP..1003	⑥	MS4009A	ETF15	MS3509A	MC35-143	ETF15

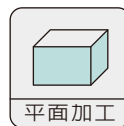
Description	GRADE 材質		Insert Shape	Dimensions,mm		
	NV702	NW948		lc	S	d1
RPMT08T2MOE-JS		●		8	2.78	2.9
RPMT10T3MOE-JS		●		10	3.97	3.9
RPMT1204MOE-JS		●		12	4.76	4.4
RPMW1003MO		●		10	3.18	4.4



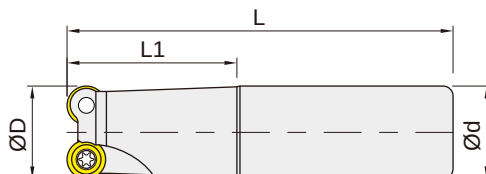
R角加工



曲面加工



平面加工

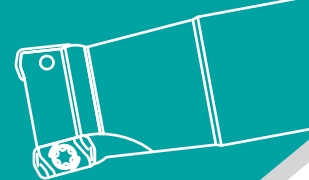


Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
ARD05-D102-S10-100	10	10	100	18	2	RD..0501..	①	0.06
ARD05-D102-S10-150	10	10	150	18	2			0.09
ARD05-D112-S10-100	11	10	100	15	2			0.06
ARD05-D112-S10-150	11	10	150	15	2			0.09
ARD05-D122-S12-100	12	12	100	22	2			0.09
ARD05-D122-S12-150	12	12	150	22	2			0.13
ARD05-D132-S12-100	13	12	100	18	2			0.09
ARD05-D132-S12-150	13	12	150	18	2			0.13
ARD05-D133-S12-100	13	12	100	18	3			0.09
ARD05-D133-S12-150	13	12	150	18	3			0.13
C12-4R121-130	12	12	130	30	1	RD..0802..	③	0.12
C16-4R161-150	16	16	150	35	1			0.24
C16-4R161-200	16	16	200	35	1			0.32
C16-4R171-150	17	16	150	25	1			0.24
C16-4R171-200	17	16	200	25	1			0.32
C16-4R172-150	17	16	150	25	2	RD..0802..	②	0.24
C16-4R172-200	17	16	200	25	2			0.32
C20-4R202-150	20	20	150	40	2	RD..0802..	④	0.37
C20-4R202-200	20	20	200	40	2			0.49
C20-4R212-150	21	20	150	25	2			0.37
C20-4R212-200	21	20	200	25	2			0.49
C25-4R253-150	25	25	150	50	3			0.58
C25-4R263-150	26	25	150	25	3	RD..10T3..	⑦	0.58
C25-5R252-150	25	25	150	45	2			0.58
C25-5R252-200	25	25	200	45	2			0.77
C25-5R252-250	25	25	250	45	2			0.96
C25-5R262-150	26	25	150	30	2			0.58
C25-5R262-200	26	25	200	30	2			0.77
C25-5R262-250	26	25	250	30	2			0.96
C25-5R302-150	30	25	150	30	2			0.83
C25-5R302-200	30	25	200	30	2			1.11
C25-5R302-250	30	25	250	30	2			1.38
C25-5R303-150	30	25	150	30	3			0.83
C25-5R303-200	30	25	200	30	3			1.11
C25-5R303-250	30	25	250	30	3			1.38

NEW

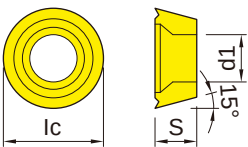
NEW

Corner Rounding End Mills (HAR/ARD)



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
C32-5R323-150	32	32	150	45	3	RD..10T3 ..	⑦	0.95
C32-5R323-200			200					1.26
C32-5R323-250			250					1.58
C32-5R323-300			300					1.89
C32-5R353-150	35	32	150	35	3			1.13
C32-5R353-200			200					1.51
C32-5R353-250			250					1.89
C32-5R353-300			300					2.27
C32-5R403-150	40	32	150	35	3			1.48
C32-5R403-200			200					1.97
C32-5R403-250			250					2.47
C32-5R403-300			300					2.96
HAR12-252-S25-100	25	25	100	45	2	RD..1204..	⑧	0.39
HAR12-252-S25-150			150					0.58
HAR12-252-S25-200			200					0.77

Insert	Spare parts	Screw 	Wrench 	Screw 	Clamp 	Wrench 
RD..0501..	①	MS1804A	ETF06	--	--	--
RD..0802..	②	MS3006B	ETF09	--	--	--
RD..0802..	③	MS3006B	ETF09	MS3509A	MC35-143	ETF15
RD..0802..	④	MS3008B	ETF09	MS3509A	MC35-143	ETF15
RD..10T3..	⑤	MS4008B	ETF15	--	--	--
RD..10T3..	⑥	MS4009B	ETF15	--	--	--
RD..10T3..	⑦	MS4009B	ETF15	MS3509A	MC35-143	ETF15
RD..1204..	⑧	MS4009A	ETF15	MS3509A	MC35-143	ETF15

Description	GRADE 材質		Insert Shape 	Dimensions,mm		
	CY250	JP4105		lc	S	d1
RDMW0501MOEN	○	○		5	1.5	1.9
RDMT0802MOTN	●			8	2.38	3.4
RDMT10T3MOTN	●			10	3.97	4.5
RDMT1204MOTN	●			12	4.76	4.5

內徑車刀
BORING BARS

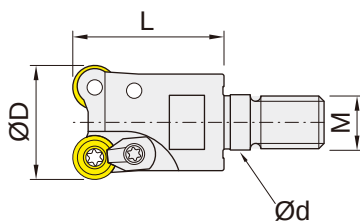
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

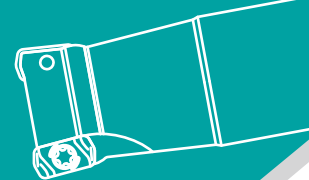
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
ARD05-D102-MD10	10	5.5	16	M5	2	RD..0501..	①	0.01
ARD05-D112-MD10	11	5.5	16	M5	2			0.01
ARD05-D122-MD11	12	6.5	18	M6	2			0.02
ARD05-D123-MD11	12	6.5	18	M6	3			0.01
ARD05-D132-MD11	13	6.5	18	M6	2			0.02
ARD05-D133-MD11	13	6.5	18	M6	3			0.02
ARD05-D133-MD11-M08	13	8.5	18	M8	3			0.02
ARD05-D174-MD14	17	8.5	23	M8	4			0.04
HAR08-162-MD14	16	8.5	23	M8	2	RD..0802..	②	0.05
HAR08-172-MD14	17	8.5	23	M8	2			0.05
HAR08-202-MD18	20	10.5	30	M10	2	RD..0802..	③	0.07
HAR08-212-MD18	21	10.5	30	M10	2			0.07
HAR08-253-MD23	25	12.5	35	M12	3			0.15
HAR10-202-MD18	20	10.5	30	M10	2	RD..10T3	④	0.08
HAR10-212-MD18	21	10.5	30	M10	2		⑤	0.09
HAR10-252-MD23	25	12.5	35	M12	2		⑥	0.12
HAR10-253-MD23	25	12.5	35	M12	3		⑤	0.12
HAR10-262-MD23	26	12.5	35	M12	2		⑥	0.12
HAR10-263-MD23	26	12.5	35	M12	3		⑤	0.12
HAR10-302-MD29	30	17	43	M16	2		⑥	0.25
HAR10-323-MD29	32	17	43	M16	3			0.25
HAR10-353-MD29	35	17	43	M16	3			0.35
HAR10-354-MD29	35	17	43	M16	4			0.34
HAR10-404-MD29	40	17	43	M16	4			0.44
HAR10-424-MD29	42	17	43	M16	4			0.49
HAR10-425-MD29	42	17	43	M16	5		⑤	0.48
HAR12-252-MD23	25	12.5	35	M12	2	RD..1204	⑦	0.14
HAR12-353-MD29	35	17	43	M16	3			0.34
HAR12-404-MD29	40	17	43	M16	4			0.44
HAR12-424-MD29	42	17	43	M16	4			0.44



內徑車刀
BORING BARS

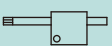
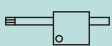
外徑車刀
TOOL HOLDERS

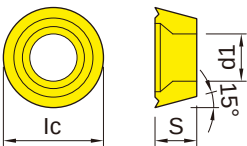
牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

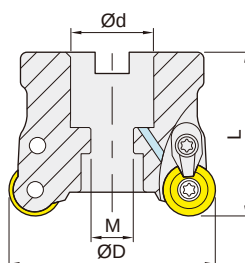
配件
SPARE PARTS

Insert	Spare parts	Screw 	Wrench 	Screw 	Clamp 	Wrench 
RD..0501..	①	MS1804A	ETF06	--	--	--
RD..0802..	②	MS3006B	ETF09	--	--	--
RD..0802..	③	MS3008B	ETF09	MS3509A	MC35-143	ETF15
RD..10T3..	④	MS4008B	ETF15	--	--	--
RD..10T3..	⑤	MS4009B	ETF15	--	--	--
RD..10T3..	⑥	MS4009B	ETF15	MS3509A	MC35-143	ETF15
RD..1204..	⑦	MS4009A	ETF15	MS3509A	MC35-143	ETF15

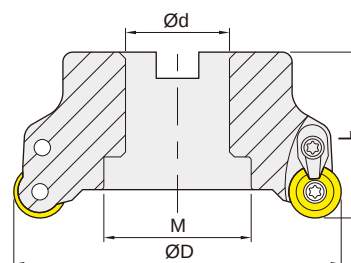
Description	GRADE 材質		Insert Shape 	Dimensions, mm		
	CY250	JP4105		lc	S	d1
RDMW0501MOEN	○	○		5	1.5	1.9
RDMT0802MOTN	●			8	2.38	3.4
RDMT10T3MOTN	●			10	3.97	4.5
RDMT1204MOTN	●			12	4.76	4.5



$\varnothing$ 50
 $\varnothing$ 63
 $\varnothing$ 66
 $\varnothing$ 80



$\varnothing$ 100
 $\varnothing$ 160

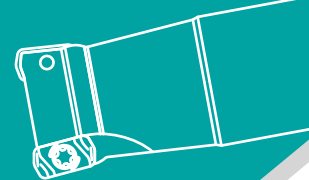


Metric

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
NEW RM-5R405-16.0		40	16.0	40	9	5	RD..10T3..	①	0.21
RM-5R504-22.0		50	22.0	40	11	4			0.44
RM-5R505-22.0		50	22.0	40	11	5			0.41
RM-5R525-22.0		52	22.0	50	11	5			0.47
NEW RM-6R504-22.0		50	22.0	50	11	4	RD..1204	③	0.39
RM-6R505-22.0	RM-6R505-A22.0	50	22.0	50	11	5	RD..1204	②	0.41
RM-6R525-22.0		52	22.0	50	11	5	RD..1204	③	0.43
RM-6R635-22.0		63	22.0	50	11	5			0.70
NEW RM-6R636-22.0	RM-6R636-A22.0	63	22.0	50	11	6			0.72
NEW RM-6R666-22.0	RM-6R666-A22.0	66	22.0	50	11	6			0.76
RM-6R635-27.0		63	27.0	50	13	5			0.64
RM-6R805-27.0		80	27.0	50	13	5			1.00
RM-6R806-27.0		80	27.0	50	13	6	RD..1604	④	0.98
NEW RM-6R807-A27.0		80	27.0	50	13	7			1.00
RM-8R503-22.0※		50	22.0	50	11	3			0.44
RM-8R524-22.0		52	22.0	50	11	4			0.40
RM-8R635-27.0		63	27.0	50	13	5			0.54
RM-8R664-27.0		66	27.0	50	13	4			0.63
RM-8R665-27.0		66	27.0	50	13	5			0.59
RM-8R805-27.0		80	27.0	50	13	5			0.94
RM-8R806-27.0		80	27.0	50	13	6			0.91

※表示另附刀把螺絲HTM1045HS (※ The mill equips with a cap screw HTM1045HS)

Corner Rounding End Mills (RM)



Inch

NEW

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
RM-5R504-25.4		50	25.4	50	13	4	RD..10T3..	①	0.41
RM-5R635-25.4	RM-5R635-A25.4	63	25.4	50	13	5			0.65
RM-5R806-25.4		80	25.4	50	13	6			1.05
RM-5R866-25.4		86	25.4	50	13	6			1.23
RM-6R504-25.4		50	25.4	50	13	4	RD..1204	③	0.36
RM-6R635-25.4		63	25.4	50	13	5			0.66
RM-6R665-25.4		66	25.4	50	13	5			0.72
RM-6R806-25.4		80	25.4	50	13	6			1.01
RM-8R633-25.4		63	25.4	50	13	3	RD..1604	④	0.61
RM-8R634-25.4		63	25.4	50	13	4			0.55
RM-8R635-25.4		63	25.4	50	13	5			0.52
RM-8R664-25.4		66	25.4	50	13	4			0.65
RM-8R665-25.4		66	25.4	50	13	5			0.63
RM-8R724-25.4		72	25.4	50	13	4			0.72
RM-8R805-25.4		80	25.4	50	13	5			0.94
RM-8R1006-31.75		100	31.75	50	45	6			1.32
RM-8R16008-50.8		160	50.8	60	64	8			4.10

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
RD..10T3..	①	MS4009B	ETF15	MS3509A	MC35-143	ETF15
RD..1204..	②	MS4009A	ETF15	MS3509A	MC35-143	ETF15
RD..1204..	③	MS4011A	ETF15	MS3509A	MC35-143	ETF15
RD..1604..	④	MS5011A	ETF20	MS5011A	MC50-147	ETF20

Description	GRADE 材質		Insert Shape	Dimensions,mm		
	CY250	JP4105		lc	S	d1
RDMT10T3MOTN	●			10	3.97	4.5
RDMT1204MOTN	●			12	4.76	4.5
RDMT1604MOTN	●			16	4.76	5.5

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

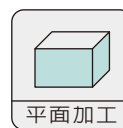
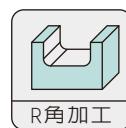
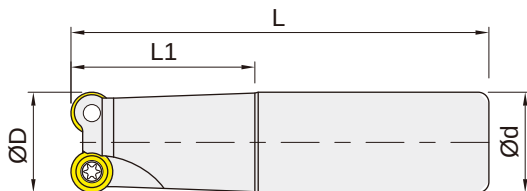
牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

RD 圓刃銑刀 Corner Rounding End Mills (RD)

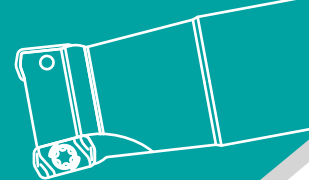


Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
RD051-D092-S08-100	9	8	100	12	2	RD..0501..	①	0.04
RD051-D102-S10-100	10	10	100	18	2	RD..0501..	②	0.06
RD051-D112-S10-100	11	10	100	15	2			0.06
RD051-D112-S10-150	11	10	150	15	2			0.09
RD051-D122-S12-100	12	12	100	22	2			0.09
RD051-D123-S12-100	12	12	100	22	3			0.09
RD051-D123-S12-150	12	12	150	22	3			0.13
RD051-D132-S12-100	13	12	100	18	2			0.09
RD051-D133-S12-100	13	12	100	18	3			0.09
RD051-D133-S12-150	13	12	150	18	3			0.13
RD051-D164-S16-150	16	16	150	30	4			0.24
RD051-D164-S16-200	16	16	200	30	4			0.32
RD051-D174-S16-150	17	16	150	20	4			0.24
RD051-D174-S16-200	17	16	200	20	4			0.32
RD07T-D122-S12-120	12	12	120	35	2	RD..07T1..	③	0.11
RD07T-D122-S16-120	12	16	120	35	2	RD..0702..	④	0.19
RD072-D152-S16-100	15	16	100	25	2			0.16
RD072-D162-S16-150	16	16	150	25	2			0.24
RD072-D162-S16-200	16	16	200	25	2			0.32
RD072-D163-S16-150	16	16	150	25	3			0.24
RD072-D163-S16-200	16	16	200	25	3			0.32
RD072-D172-S16-150	17	16	150	20	2			0.24
RD072-D172-S16-200	17	16	200	20	2			0.32
RD072-D173-S16-150	17	16	150	20	3			0.24
RD072-D173-S16-200	17	16	200	20	3			0.32
RD072-D203-S20-150	20	20	150	35	3			0.37
RD072-D203-S20-200	20	20	200	35	3			0.49
RD072-D213-S20-150	21	20	150	25	3			0.37
RD072-D213-S20-200	21	20	200	25	3			0.49
RD072-D254-S25-150	25	25	150	40	4			0.58
RD072-D254-S25-200	25	25	200	40	4			0.77
RD072-D254-S25-250	25	25	250	40	4			0.96
RD072-D255-S25-150	25	25	150	40	5		④	0.58
RD072-D255-S25-200	25	25	200	40	5			0.77
RD072-D255-S25-250	25	25	250	40	5			0.96
RD072-D264-S25-150	26	25	150	25	4		⑤	0.58
RD072-D264-S25-200	26	25	200	25	4			0.77
RD072-D264-S25-250	26	25	250	25	4			0.96
RD072-D265-S25-150	26	25	150	25	5			0.58
RD072-D265-S25-200	26	25	200	25	5			0.77
RD072-D265-S25-250	26	25	250	25	5			0.96
RD072-D355-S32-150	35	32	150	30	5			0.95
RD072-D355-S32-200	35	32	200	30	5			1.26
RD072-D355-S32-250	35	32	250	30	5			1.58
RD072-D355-S32-300	35	32	300	30	5			1.89
RD072-D356-S32-150	35	32	150	30	6			0.95
RD072-D356-S32-200	35	32	200	30	6			1.26
RD072-D356-S32-250	35	32	250	30	6			1.58
RD072-D356-S32-300	35	32	300	30	6			1.89

NEW

NEW

Corner Rounding End Mills (RD)



Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
RD103-D202-S20-150	20	20	150	40	2	RD..1003..	⑥	0.37
RD103-D202-S20-200	20	20	200	40	2			0.49
RD103-D212-S20-150	21	20	150	25	2			0.37
RD103-D212-S20-200	21	20	200	25	2			0.49
RD103-D253-S25-150	25	25	150	40	3			0.58
RD103-D253-S25-200	25	25	200	40	3			0.77
RD103-D253-S25-250	25	25	250	40	3			0.96
RD103-D263-S25-150	26	25	150	25	3			0.58
RD103-D263-S25-200	26	25	200	25	3			0.77
RD103-D263-S25-250	26	25	250	25	3			0.96
RD103-D303-S25-150	30	25	150	25	3	RD..1003..	⑦	0.58
RD103-D303-S25-200	30	25	200	25	3			0.77
RD103-D303-S25-250	30	25	250	25	3			0.96
RD103-D323-S32-150	32	32	150	40	3	RD..1003..	⑧	0.95
RD103-D323-S32-200	32	32	200	40	3			1.26
RD103-D323-S32-250	32	32	250	40	3			1.58
RD103-D323-S32-300	32	32	300	40	3			1.89
RD103-D353-S32-150	35	32	150	35	3			0.95
RD103-D353-S32-200	35	32	200	35	3			1.26
RD103-D353-S32-250	35	32	250	35	3			1.58
RD103-D353-S32-300	35	32	300	35	3			1.89
RD103-D354-S32-150	35	32	150	35	4			0.95
RD103-D354-S32-200	35	32	200	35	4			1.26
RD103-D354-S32-250	35	32	250	35	4			1.58
RD103-D354-S32-300	35	32	300	35	4			1.89

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
RD..0501..	①	MS2003A	ETF06	--	--	--
RD..0501..	②	MS2004A	ETF06	--	--	--
RD..07T1..	③	MS2205C	ETF07	--	--	--
RD..0702..	④	MS2505E	ETF08	--	--	--
RD..0702..	⑤	MS2506E	ETF08	--	--	--
RD..1003..	⑥	MS3507A	ETF15	--	--	--
RD..1003..	⑦	MS3509A	ETF15	--	--	--
RD..1003..	⑧	MS3509A	--	MS3509A	MC35-143	ETF15

Description	GRADE 材質					Insert Shape	Dimensions,mm		
	5020	AH120	CY250	GX03	HF7		lc	S	d1
RDMW0501MOEN91	●						5	1.5	2.2
RDHW07T1MOEN-91	●						7	1.99	2.5
RDMW0702MOEN	●		●				7	2.38	2.8
RDMW0702MO		●					7	2.38	2.8
RDHT0702AL				●			7	2.38	2.8
RDHT0702MOFA					●		7	2.38	2.8
RDHT1003AL				●			10	3.18	4.4
RDHT1003MOFA					●		10	3.18	4.4
RDMW1003MOEN		●					10	3.18	4.4

內徑車刀
BORING BARS

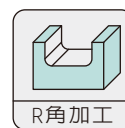
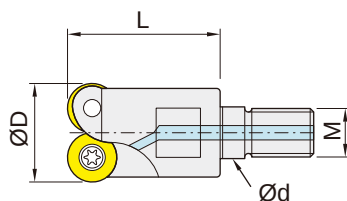
外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

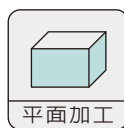
配件
SPARE PARTS



R角加工



曲面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

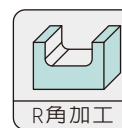
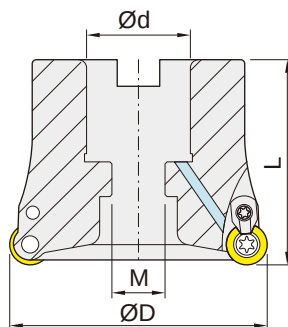
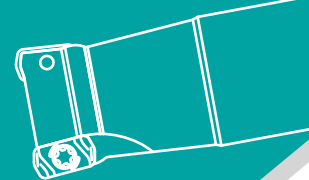
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
RD051-D092-MD08		9	4.5	15	M4	2	RD..0501..	①	0.02
RD051-D102-MD10		10	5.5	16	M5	2			0.02
RD051-D112-MD10		11	5.5	18	M5	2	RD..0501..	②	0.02
RD051-D122-MD11		12	6.5	18	M6	2			0.03
RD051-D123-MD11		12	6.5	18	M6	3			0.03
RD051-D132-MD11		13	6.5	18	M6	2			0.03
RD051-D133-MD11		13	6.5	18	M6	3			0.03
RD051-D164-MD14		16	8.5	23	M8	4			0.04
RD051-D174-MD14		17	8.5	23	M8	4			0.04
RD07T-D122-MD14		12	8.5	23	M8	2	RD..07T1..	③	0.04
RD072-D152-MD14		15	8.5	23	M8	2	RD..0702..	④	0.03
RD072-D162-MD14	RD072-D162-AMD14	16	8.5	23	M8	2		⑤	0.04
RD072-D163-MD14		16	8.5	23	M8	3			0.04
RD072-D172-MD14		17	8.5	23	M8	2			0.04
RD072-D173-MD14		17	8.5	23	M8	3			0.04
RD072-D203-MD18	RD072-D203-AMD18	20	10.5	30	M10	3			0.07
RD072-D212-MD18		21	10.5	30	M10	2			0.07
RD072-D213-MD18		21	10.5	30	M10	3			0.07
RD072-D223-MD18		22	10.5	30	M10	3			0.10
RD072-D254-MD23		25	12.5	35	M12	4			0.12
RD072-D255-MD23		25	12.5	35	M12	5		④	0.11
RD072-D264-MD23		26	12.5	35	M12	4		⑤	0.13
RD072-D265-MD23	RD072-D265-AMD23	26	12.5	35	M12	5			0.12
RD072-D355-MD29	RD072-D355-AMD29	35	17	43	M16	5			0.26
RD072-D356-MD29		35	17	43	M16	6			0.26
RD103-D202-MD18	RD103-D202-AMD18	20	10.5	30	M10	2	RD..1003..	⑥	0.07
RD103-D212-MD18		21	10.5	30	M10	2			0.07
RD103-D253-MD23	RD103-D253-AMD23	25	12.5	35	M12	3			0.12
RD103-D263-MD23		26	12.5	35	M12	3			0.13
RD103-D303-MD23		30	12.5	35	M12	3	RD..1003..	⑦	0.24
RD103-D323-MD29	RD103-D323-AMD29	32	17	43	M16	3	RD..1003..	⑧	0.24
RD103-D353-MD29		35	17	43	M16	3			0.26
RD103-D354-MD29	RD103-D354-AMD29	35	17	43	M16	4			0.26
RD103-D404-MD29		40	17	43	M16	4			0.45
RD103-D424-MD29		42	17	43	M16	4			0.49
RD103-D425-MD29		42	17	43	M16	5			0.49

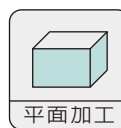
Corner Rounding End Mills (RD)



R角加工



曲面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Metric

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
RD103-D504-22.0		50	22.0	40	11	4	RD..1003..	⑧	0.34
RD103-D505-22.0		50	22.0	40	11	5			0.33
RD103-D526-22.0	RD103-D526-A22.0	52	22.0	40	11	6			0.34

NEW

Inch

Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	d	L	M				
RD103-D504-25.4		50	25.4	50	13	4	RD..1003..	⑧	0.41
RD103-D505-25.4		50	25.4	50	13	5			0.40
RD103-D635-25.4		63	25.4	50	13	5			0.67
RD103-D636-25.4		63	25.4	50	13	6			0.67
RD103-D666-25.4		66	25.4	50	13	6			0.69

Insert	Spare parts	Screw	Wrench	Screw	Clamp	Wrench
RD..0501..	①	MS2003A	ETF06	--	--	--
RD..0501..	②	MS2004A	ETF06	--	--	--
RD..07T1..	③	MS2205C	ETF07	--	--	--
RD..0702..	④	MS2505E	ETF08	--	--	--
RD..0702..	⑤	MS2506E	ETF08	--	--	--
RD..1003..	⑥	MS3507A	ETF15	--	--	--
RD..1003..	⑦	MS3509A	ETF15	--	--	--
RD..1003..	⑧	MS3509A	--	MS3509A	MC35-143	ETF15

Description	GRADE 材質					Insert Shape	Dimensions,mm		
	5020	AH120	CY250	GX03	HF7		lc	S	d1
RDMW0501MOEN91	●						5	1.5	2.2
RDHW07T1MOEN-91	●						7	1.99	2.5
RDMW0702MOEN	●		●				7	2.38	2.8
RDMW0702MO		●					7	2.38	2.8
RDHT0702AL				●			7	2.38	2.8
RDHT0702MOFA					●		7	2.38	2.8
RDHT1003AL				●			10	3.18	4.4
RDHT1003MOFA					●		10	3.18	4.4
RDMW1003MOEN		●					10	3.18	4.4



FIG-1

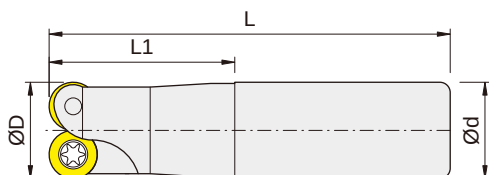


FIG-2

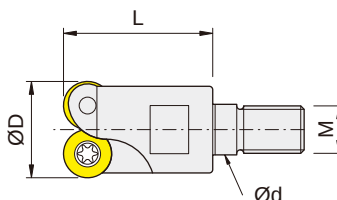
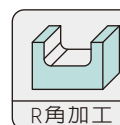
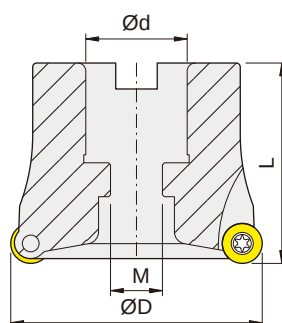
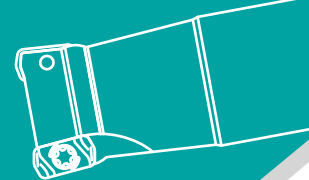


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	L1				
TR103-D202-S20-150	20	20	150	40	2	RD..1003.. (SAFETY)	①	0.37
TR103-D202-S20-200	20	20	200	40	2			0.49
TR103-D212-S20-150	21	20	150	25	2			0.37
TR103-D212-S20-200	21	20	200	25	2			0.49
TR103-D253-S25-150	25	25	150	40	3			0.58
TR103-D253-S25-200	25	25	200	40	3			0.77
TR103-D253-S25-250	25	25	250	40	3			0.96
TR103-D262-S25-150	26	25	150	25	2			0.58
TR103-D262-S25-200	26	25	200	25	2			0.77
TR103-D262-S25-250	26	25	250	25	2			0.96
TR103-D263-S25-150	26	25	150	25	3			0.58
TR103-D263-S25-200	26	25	200	25	3			0.77
TR103-D263-S25-250	26	25	250	25	3			0.96
TR103-D263-S25-300	26	25	300	25	3			1.16
TR103-D303-S25-150	30	25	150	25	3	RD..1003.. (SAFETY)	②	0.58
TR103-D303-S25-200	30	25	200	25	3			0.77
TR103-D303-S25-250	30	25	250	25	3			0.96
TR103-D323-S32-150	32	32	150	40	3			0.95
TR103-D353-S32-150	35	32	150	35	3			0.95
TR103-D353-S32-200	35	32	200	35	3			1.26
TR103-D353-S32-250	35	32	250	35	3			1.58
TR103-D353-S32-300	35	32	300	35	3			1.89
TR103-D354-S32-150	35	32	150	35	4			0.95
TR103-D354-S32-200	35	32	200	35	4			1.26
TR103-D354-S32-250	35	32	250	35	4			1.58
TR103-D354-S32-300	35	32	300	35	4			1.89

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TR103-D202-MD18	20	10.5	30	M10	2	RD..1003.. (SAFETY)	①	0.07
TR103-D212-MD18	21	10.5	30	M10	2			0.07
TR103-D253-MD23	25	12.5	35	M12	3			0.12
TR103-D263-MD23	26	12.5	35	M12	3			0.13
TR103-D303-MD23	30	12.5	35	M12	3	RD..1003.. (SAFETY)	②	0.24
TR103-D353-MD29	35	17	43	M16	3			0.28
TR103-D354-MD29	35	17	43	M16	4			0.26

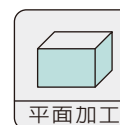
Corner Rounding End Mills (TR)



R角加工



曲面加工



平面加工

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

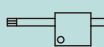
配件
SPARE PARTS

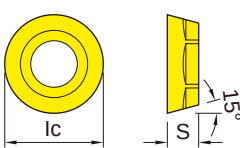
Metric

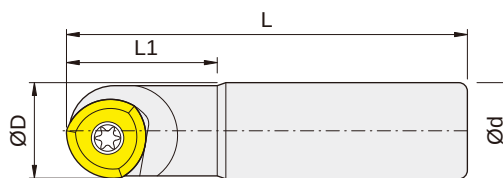
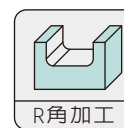
Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TR103-D504-22.0	50	22.0	40	11	4	RD..1003.. (SAFETY)	②	0.33
TR103-D504-22.0-50H	50	22.0	50	11	4			0.33
TR103-D505-22.0	50	22.0	40	11	5			0.49
TR103-D505-22.0-50H	50	22.0	50	11	5			0.49
TR103-D666-27.0	66	27.0	50	13	6			0.76

Inch

Item code	Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
	D	d	L	M				
TR103-D504-25.4	50	25.4	50	13	4	RD..1003.. (SAFETY)	②	0.50
TR103-D505-25.4	50	25.4	50	13	5			0.44
TR103-D635-25.4	63	25.4	50	13	5			0.73
TR103-D636-25.4	63	25.4	50	13	6			0.79
TR103-D666-25.4	66	25.4	50	13	6			0.80

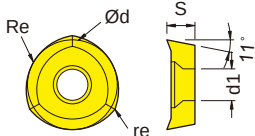
Insert	Spare parts	Screw 	Wrench 
RD..1003..	①	MS3507A	ETF15
RD..1003..	②	MS3509A	ETF15

Description	GRADE 材質	Insert Shape	Dimensions,mm	
	5020		lc	S
RDHW1003MOENF6-91		 (SAFETY)	10.0	3.18
RDMW1003MOSNF6				



Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
SE12-S12-150	12	12	150	25	1	QPMT120903-EN21	MS3008A	ETF09	0.13
SE12-S16-150	12	16	150	35	1				0.24
SE12-S16-200	12	16	200	35	1				0.32
SE16-S16-150	16	16	150	35	1	QPMT1612T3-SN21	MS4009A	ETF15	0.24
SE16-S16-200	16	16	200	35	1				0.32
SE16-S20-150	16	20	150	35	1				0.37
SE16-S20-200	16	20	200	35	1	QPMT201504-SN21	MS4011A	ETF15	0.49
SE20-S20-150	20	20	150	40	1				0.37
SE20-S20-200	20	20	200	40	1				0.49
SE20-S25-200	20	25	200	40	1				0.77
SE20-S25-250	20	25	250	40	1				0.96

NEW

Description	GRADE 材質		Insert Shape	Dimensions,mm				
	PX25	GA45		d	S	d1	Re	re
QPMT120903-EN21		●		9.52	3.18	3.4	5.796	0.8
QPMT1612T3-SN21		●		12.7	3.97	4.4	7.727	0.8
QPMT201504-SN21		●		15.87	4.76	4.4	9.659	0.8

SR 球型銑刀 Ball End Mills (SR)

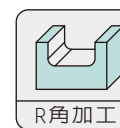
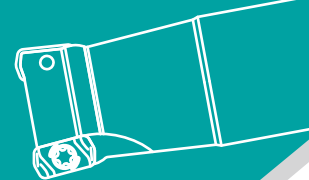


FIG-1

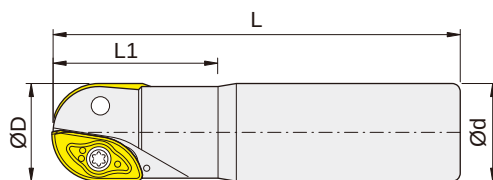
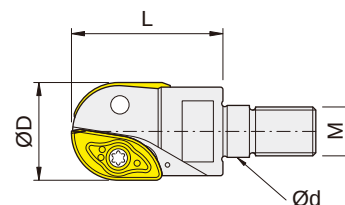


FIG-2



Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
SR12-S12-150	12	12	150	25	2	ZP 1200 ER-..	MS2505B	ETF09	0.13
SR12-S12-200	12	12	200	25	2				0.18
SR16-S16-150	16	16	150	30	2	ZP 1600 ER-..	MS2506A	ETF09	0.24
SR16-S16-200	16	16	200	30	2				0.32
SR16-S20-200	16	20	200	35	2	ZP 2000 ER-..	MS3508F	ETF10	0.49
SR20-S20-150	20	20	150	35	2				0.37
SR20-S20-200	20	20	200	35	2				0.49
SR20-S25-150	20	25	150	50	2				0.58
SR20-S25-200	20	25	200	50	2	ZP 2500 ER-..	MS4011A	ETF15	0.77
SR25-S25-150	25	25	150	40	2				0.58
SR25-S25-200	25	25	200	40	2				0.77
SR25-S25-250	25	25	250	40	2				0.96

NEW

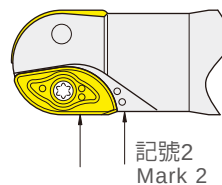
Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
SR12-MD11	12	6.5	23	M6	2	ZP 1200 ER-..	MS2505B	ETF09	0.03
SR16-MD14	16	8.5	30	M8	2	ZP 1600 ER-..	MS2506A	ETF09	0.05
SR20-MD18	20	10.5	35	M10	2	ZP 2000 ER-..	MS3508F	ETF10	0.07
SR25-MD23	25	12.5	40	M12	2	ZP 2500 ER-..	MS4011A	ETF15	0.12

刀片裝置方式
Insert Assembly

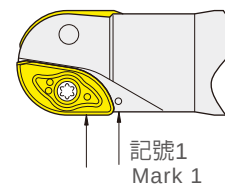
第一點
1st Edge



第二點
2nd Edge



記號2
Mark 2



記號1
Mark 1

Description	GRADE 材質		Insert Shape	Dimensions,mm	
	PX40	KR15		S	d1
ZP 12 00 ER-51		●		2.38	2.9
ZP 16 00 ER-51		●		3.18	2.9
ZP 20 00 ER-51		●		3.97	4.0
ZP 25 00 ER-51		●		4.76	4.7

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

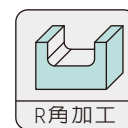


FIG-1

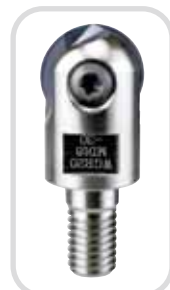
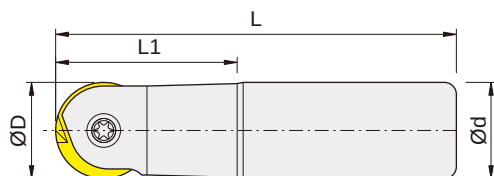


FIG-2

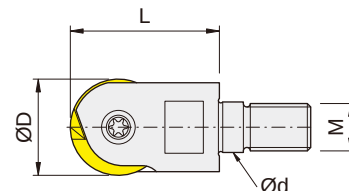
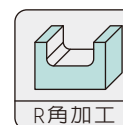
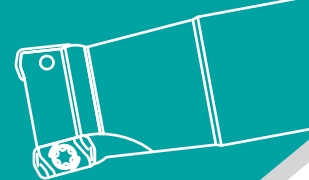


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
WGR08-S08-100	8	8	100	20	1	WGRMT-D08	MGR3008	ETF08	0.04
WGR08-S10-100	8	10	100	35	1				0.06
WGR10-S10-100	10	10	100	25	1	WGRMT-D10	MGR4010	ETL15	0.06
WGR10-S12-150	10	12	150	36	1				0.13
WGR12-S12-150	12	12	150	32	1	WGRMT-D12	MGR5012	ETL20	0.13
WGR12-S16-200	12	16	200	58	1				0.32
WGR16-S16-150	16	16	150	36	1	WGRMT-D16	MGR5016	ETL20	0.24
WGR16-S16-200	16	16	200	36	1				0.32
WGR16-S20-200	16	20	200	65	1				0.49
WGR20-S20-150	20	20	150	45	1	WGRMT-D20	MGR5020	ETL20	0.37
WGR20-S20-200	20	20	200	45	1				0.49
WGR20-S25-200	20	25	200	76	1				0.77
WGR20-S25-250	20	25	250	76	1				0.96
WGR25-S25-200	25	25	200	45	1	WGRMT-D25	MGR6025	ETL30	0.77
WGR25-S25-250	25	25	250	45	1				0.96
WGR25-S32-200	25	32	200	98	1				1.26
WGR25-S32-250	25	32	250	98	1				1.58
WGR25-S32-300	25	32	300	98	1				1.89
WGR30-S32-200	30	32	200	50	1	WGRMT-D30	MGR8030	ETL30	1.26
WGR30-S32-250	30	32	250	50	1				1.58
WGR30-S32-300	30	32	300	50	1				1.89

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
WGR08-MD08	8	4.5	16	M4	1	WGRMT-D08	MGR3008	ETF08	0.02
WGR08-MD08-M5	8	5.5	16	M5	1				0.02
WGR10-MD10	10	5.5	20	M5	1	WGRMT-D10	MGR4010	ETL15	0.02
WGR12-MD11	12	6.5	22	M6	1	WGRMT-D12	MGR5012	ETL20	0.03
WGR12-MD14	12	8.5	30	M8	1				0.03
WGR16-MD14	16	8.5	28	M8	1	WGRMT-D16	MGR5016	ETL20	0.04
WGR20-MD18	20	10.5	30	M10	1	WGRMT-D20	MGR5020	ETL20	0.07
WGR25-MD23	25	12.5	40	M12	1	WGRMT-D25	MGR6025	ETL30	0.12
WGR30-MD29	30	17	43	M16	1	WGRMT-D30	MGR8030	ETL30	0.24

GWV R角精銑刀 Radius Precision Cutters (GWV)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



FIG-1

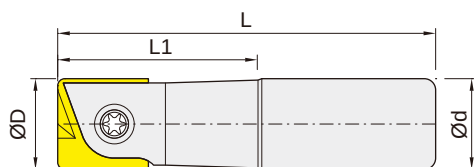


FIG-2

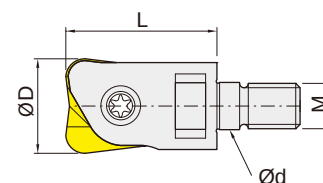


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
GWV12-S12-150	12	12	150	30	1	WPV 12-N-Slst	MGR5012	ETL20	0.13
GWV16-S16-150	16	16	150	35	1	WPV 16-N-Slst	MGR5016	ETL20	0.24
GWV16-S16-200	16	16	200	35	1				0.32
GWV20-S20-150	20	20	150	40	1	WPV 20-N-Slst	MGR5020	ETL20	0.37
GWV20-S20-200	20	20	200	40	1				0.49

NEW

NEW

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
GWV20-MD18	20	10.5	30	M10	1	WPV 20-N-Slst	MGR5020	ETL20	0.07
GWV25-MD23	25	12.5	40	M12	1	WPV 25-N-Slst	MGR6025	ETL30	0.15

Description	GRADE 材質	Insert Shape	Dimensions,mm			
	GA45		D +0 -0.03	S	d1	L
WGRMT-D08-FR (P3201-D08)	●	D08-D12 	8	2.0	3	9.5
WGRMT-D10-FR (P3201-D10)	●		10	2.5	4	11.5
WGRMT-D12-FR (P3201-D12)	●		12	2.5	5	12.0
WGRMT-D16-FR (P3201-D16)	●	D16-D30 	16	3.0	5	14.0
WGRMT-D20-FR (P3201-D20)	●		20	3.0	5	16.0
WGRMT-D25-FR (P3201-D25)	●		25	4.0	6	21.5
WGRMT-D30-FR (P3201-D30)	●		30	5.0	8	25.5

Description	GRADE 材質	Insert Shape	Dimensions,mm			
	CKC128		D +0 -0.03	S	d1	Re
WPV 12-N-Slst		WHK 	12	2.5	5	1.0
WPV 16-N-Slst			16	3.0	5	1.3
WPV 20-N-Slst			20	3.0	5	1.6
WPV 25-N-Slst			25	4.0	6	2.0



FIG-1

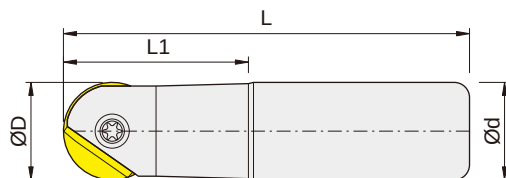


FIG-2

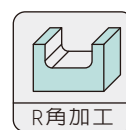
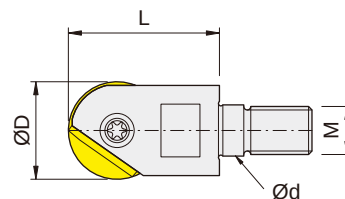
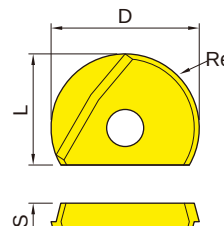


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
PPH08-S08-100	8	8	100	20	1	PPH-0800-..	DVF6240	ETF07	0.04
PPH08-S10-100	8	10	100	35	1				0.06
PPH10-S10-100	10	10	100	25	1	PPH-1000-..	DVF6241	ETF08	0.06
PPH10-S12-100	10	12	100	36	1				0.09
PPH12-S12-150	12	12	150	32	1	PPH-1200-..	DVF6242	ETF10	0.13
PPH12-S16-200	12	16	200	58	1				0.32
PPH16-S16-150	16	16	150	36	1	PPH-1600-..	DVF6244	ETL15	0.24
PPH16-S16-200	16	16	200	36	1				0.32
PPH16-S20-200	16	20	200	65	1				0.49
PPH20-S20-150	20	20	150	45	1	PPH-2000-..	DVF6246	ETL20	0.37
PPH20-S20-200	20	20	200	45	1				0.49
PPH20-S25-200	20	25	200	76	1				0.77
PPH20-S25-250	20	25	250	76	1				0.96
PPH25-S25-200	25	25	200	45	1	PPH-2500-..	DVF6247	ETL30	0.77
PPH25-S25-250	25	25	250	45	1				0.96
PPH25-S32-200	25	32	200	98	1				1.26
PPH25-S32-250	25	32	250	98	1				1.58
PPH25-S32-300	25	32	300	98	1				1.89

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
PPH08-MD08	8	4.5	16	M4	1	PPH-0800-..	DVF6240	ETF07	0.02
PPH10-MD10	10	5.5	20	M5	1	PPH-1000-..	DVF6241	ETF08	0.02
PPH12-MD11	12	6.5	22	M6	1	PPH-1200-..	DVF6242	ETF10	0.03
PPH16-MD14	16	8.5	28	M8	1	PPH-1600-..	DVF6244	ETL15	0.04
PPH20-MD18	20	10.5	30	M10	1	PPH-2000-..	DVF6246	ETL20	0.07
PPH25-MD23	25	12.5	40	M12	1	PPH-2500-..	DVF6247	ETL30	0.12

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	KX05	JC8003		D	S	L	Re
PPH-0800-CL4	○			8	2.4	7.0	4.0
PPH-1000-CL4	○			10	2.6	8.5	5.0
PPH-1200-CL4	○			12	3.0	10.0	6.0
PPH-1600-CL4	○			16	4.0	12.0	8.0
PPH-2000-CL4	○			20	5.0	15.0	10.0
PPH-2500-CL4	○			25	6.0	19.0	12.5
BNM-080		○		8	2.4	7.0	4.0
BNM-100		○		10	2.6	8.5	5.0
BNM-120		○		12	3.0	10.0	6.0
BNM-160		○		16	4.0	12.0	8.0
BNM-200		○		20	5.0	15.0	10.0
BNM-250		○		25	6.0	18.5	12.5

PPHT R角精銑刀 Radius Precision Cutters (PPHT)

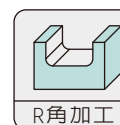
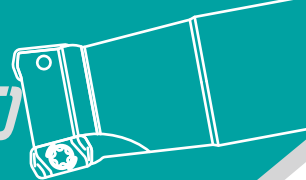


FIG-1

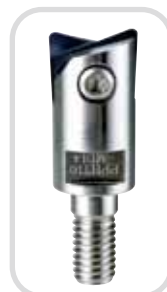
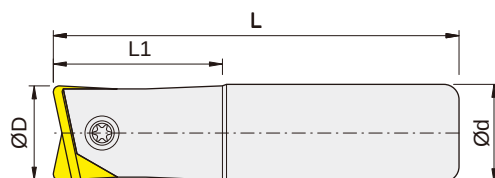


FIG-2

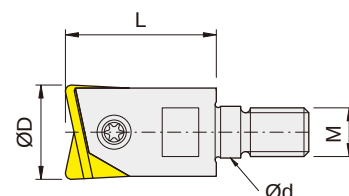


FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
PPHT12-S12-150	12	12	150	32	1	PPHT-1200-..	DVF6242	ETF10	0.13
PPHT16-S16-150	16	16	150	36	1	PPHT-1600-..	DVF6244	ETL15	0.24
PPHT16-S16-200	16	16	200	36	1	PPHT-1600-..	DVF6244	ETL15	0.32
PPHT20-S20-150	20	20	150	45	1	PPHT-2000-..	DVF6246	ETL20	0.37
PPHT20-S20-200	20	20	200	45	1	PPHT-2000-..	DVF6246	ETL20	0.49

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
PPHT12-MD11	12	6.5	22	M6	1	PPHT-1200-..	DVF6242	ETF10	0.03
PPHT16-MD14	16	8.5	28	M8	1	PPHT-1600-..	DVF6244	ETL15	0.04
PPHT20-MD18	20	10.5	30	M10	1	PPHT-2000-..	DVF6246	ETL20	0.07

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	NW948	KX05		D	S	L	Re
PPHT-1200-08/A1				12	3.0	--	0.8
PPHT-1600-10/A1				16	4.0	--	1.0
PPHT-2000-16/A1				20	5.0	--	1.6
SUFT12R10	○			12	3.0	10	1.0
SUFT16R10	○			16	4.0	12	1.0
SUFT20R15	○			20	5.0	15	1.5

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

T 型銑刀 T-slot End Milling Cutter (CCT)

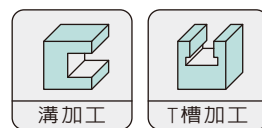


FIG-1

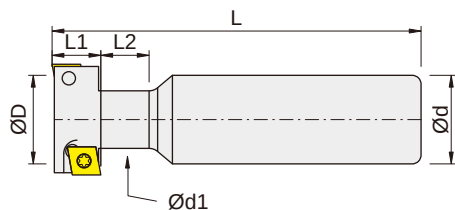


FIG-2

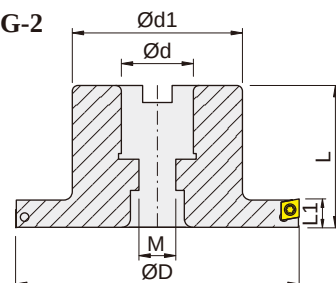


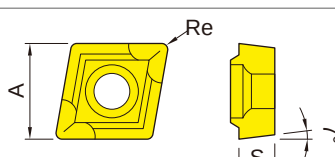
FIG-1 Item code	Dimensions,mm						Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	d1	L	L1	L2					
CCT09-D21-S16-100	21	16	10	100	9	16	2	CCMT060204	MS2506A	ETF09	0.15
CCT09-D40-S20-150	40	20	19.8	150	9	17	4				0.43
CCT11-D25-S20-90	25	20	12.5	90	11	17	4				0.20
CCT11-D30-S25-100	30	25	14	100	11	20	4				0.34
CCT11-D40-S20-150	40	20	19.8	150	11	15	4	CCMT080304	MS3008A	ETF09	0.45
CCT14-D32-S25-100	32	25	16	100	14	22	4				0.34
CCT14-D45-S25-150	45	25	24.8	150	14	15	4	CCMT09T308	MS4011A	ETF15	0.68
CCT15-D60-S25-160	60	25	24.8	160	15	15	4				0.89
CCT18-D40-S25-110	40	25	20	110	18	27	4				0.45
CCT18-D50-S25-150	50	25	24.8	150	18	15	4	CCMT120408	MS5011A	ETF20	0.73
CCT22-D50-S32-140	50	32	26	140	22	34	4				0.90

Metric

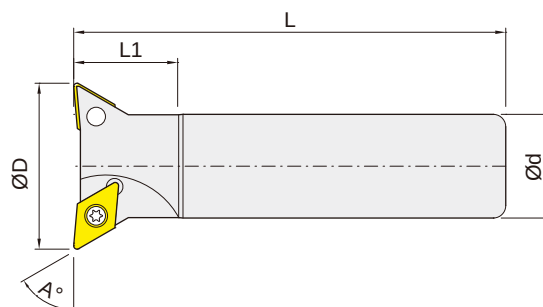
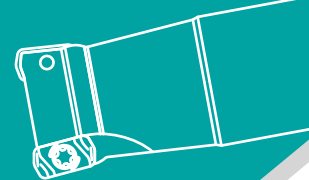
FIG-2 Item code	Dimensions,mm						Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	d1	L	L1	M					
CCT12-08006-22.0	80	22.0	48	40	12	11	6	CCMT080304	MS3008A	ETF09	0.64

Inch

FIG-2 Item code	Dimensions,mm						Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	d1	L	L1	M					
CCT08-10008-25.4	100	25.4	60	50	8	13	8	CCMT060204	MS2506A	ETF09	1.17
CCT10-12510-31.75	125	31.75	70	50	10	13	10				1.75
CCT12-12510-31.75	125	31.75	70	50	12	13	10				2.15

Description	GRADE 材質		Insert Shape	Dimensions,mm		
	NM304	NW948		A	S	Re
CCMT060204		●		6.35	2.38	0.4
CCMT080304		○		7.94	3.18	0.4
CCMT09T308		○		9.525	3.97	0.8
CCMT120408		○		12.7	4.76	0.8

DCWR 銑刀 Cutting Mills (DCWR)



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Item code	Dimensions,mm				Teeth	A°	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1						
DCWR60-20-S20-100	20	20	100	25	1	60	DCMT0702..	MS2506A	ETF09	0.22
DCWR60-25-S20-120	25	20	120	25	3	60				0.30
DCWR60-30-S20-120	30	20	120	25	3	60				0.31
DCWR60-40-S25-150	40	25	150	25	3	60	DCMT11T3..	MS4011A	ETF15	0.59
DCWR60-44-S25-150	44	25	150	25	3	60				0.61
DCWR60-50-S25-120	50	25	120	30	3	60				0.55
DCWR60-50-S32-150	50	32	150	30	3	60				0.98
DCWR60-56-S32-150	56	32	150	30	4	60				1.02
DCWR60-60-S32-150	60	32	150	30	4	60				1.05
DCWR75-50-S32-150	50	32	150	30	3	75				0.99

Description	GRADE 材質		Insert Shape	Dimensions,mm		
	NM304	NW948		A	S	Re
DCMT070204		○		6.35	2.38	0.4
DCMT11T304		●		9.525	3.97	0.4



FIG-1

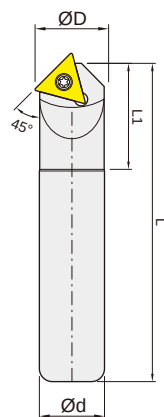
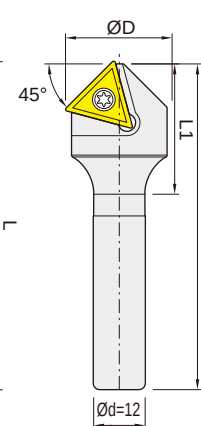
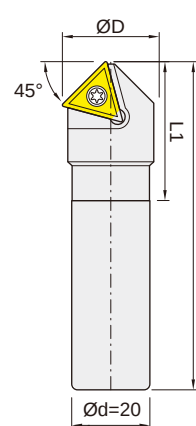


FIG-2



功能：銑床與加工中心機

用於雕刻、銑槽、倒角與中心孔

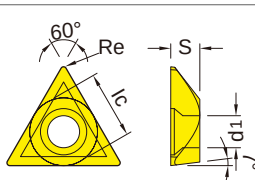
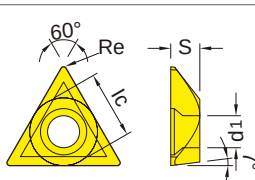
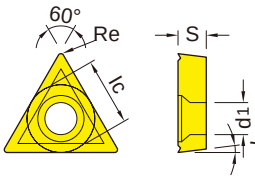
Application: Engraving, grooving, chamfering and spotting.

FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
TCRM90-20-S20-130	21.5	20	130	35	1	TCMX16T308CR	MS4011A	ETF15	0.32

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw 	Wrench 	Weight Kg
	D	d	L	L1					
C12-TCR90-22-120 (※1)	25	12	120	30	1	TC..16T3..	MS4011A	ETF15	0.16
C20-TCR90-22-120 (※2)	25	20	120	35	1				0.31

※1 適用於鑽床 Applicable to drilling machine

※2 適用於銑床 Applicable to milling machine

Description	GRADE 材質				Insert Shape 	Dimensions,mm			
	DW145	DW143	GM37	GY85		lc	S	Re	d1
TCMX16T308CR	●	●		●		9.525	3.97	0.8	4.4
TCGT16T304EN			●			9.525	3.97	0.4	4.4

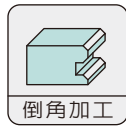
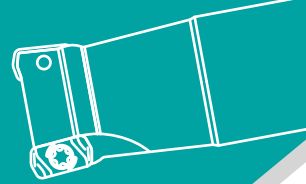


FIG-1

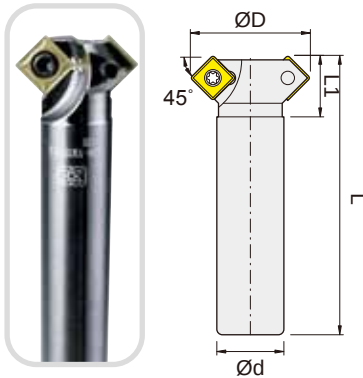


FIG-2

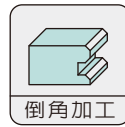
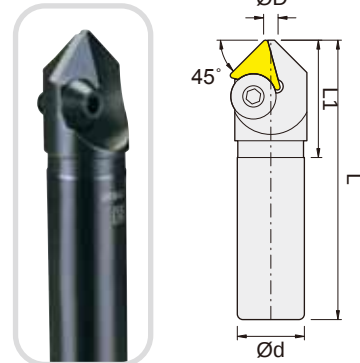


FIG-3



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

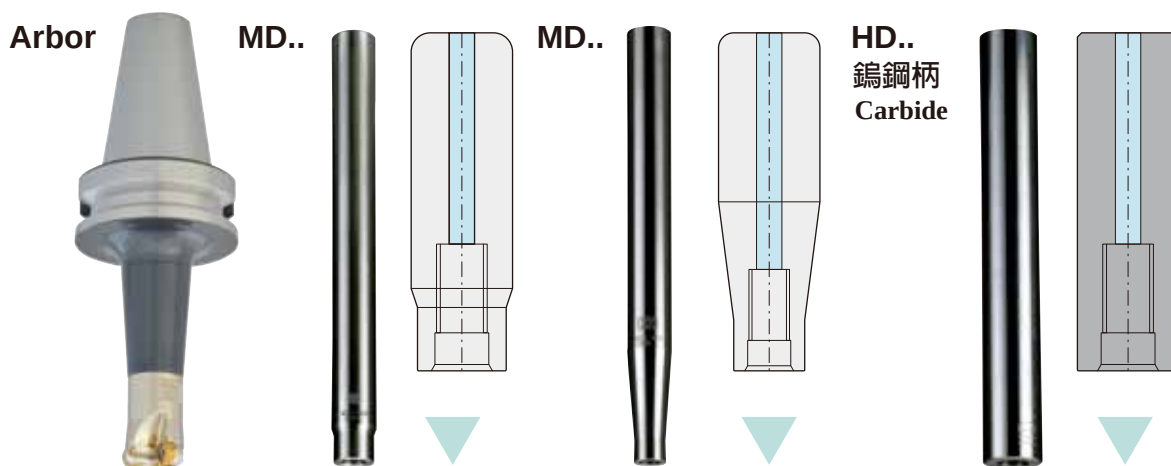
配件
SPARE PARTS

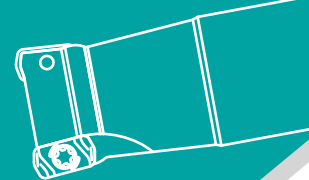
FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
C20-VMSP22-120	22	20	120	25	1	SP..0903	MS4009A	ETF15	0.28
C16-VMSP26.5-120	26.5	16	120	17	2				0.21
C20-VMSP35-120	35	20	120	17	2	SP..0903	MS4011A	ETF15	0.33

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
VMSP09R-353-MD23	35	12.5	35	12	3	SP..0903..	MS4011A	ETF15	0.15

FIG-3 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
C20-TPR90-120	4	20	120	35	1	TP..1603..	MSR63	PL4	0.30

Description	GRADE 材質		Insert Shape	Dimensions,mm			
	NM936	GM25		lc	S	Re	d1
SPMT090304-JE		●		9.525	3.18	0.4	4.4
SPMT090308-JE		●		9.525	3.18	0.8	4.4
TPMN160308	●			9.525	3.18	0.8	--





SHAPE	Item code	Dimensions,mm						Weight Kg
		d	L	M	D	D2	L1	
 Steel shank + Coolant Hole 鋼柄水孔	NEW MD10-S16-150K	16	150	M5	5.5	10	7	0.24
	MD11-A12-120K	12	120	M6	6.5	11	10	0.11
	MD14-A16-150K	16	150	M8	8.5	14	10	0.24
	MD14-A16-200K	16	200	M8	8.5	14	10	0.32
	MD18-A20-150K	20	150	M10	10.5	18	12	0.37
	NEW MD18-A20-200K	20	200	M10	10.5	18	12	0.49
	MD18-A20-250K	20	250	M10	10.5	18	12	0.62
	NEW MD23-A25-150K	25	150	M12	12.5	23	15	0.58
	MD23-A25-200K	25	200	M12	12.5	23	15	0.77
	NEW MD23-A25-250K	25	250	M12	12.5	23	15	0.96
	MD23-A25-300K	25	300	M12	12.5	23	15	1.16
	MD29-A32-200K	32	200	M16	17	29	18	1.26
	NEW MD29-A32-250K	32	250	M16	17	29	18	1.58
	NEW MD29-A32-300K	32	300	M16	17	29	18	1.89
	MD29-A32-350K	32	350	M16	17	29	18	2.21
 Steel shank + Coolant Hole 鋼柄水孔	MD11-A16-150K	16	150	M6	6.5	11	40	0.24
	MD11-A16-200K	16	200	M6	6.5	11	40	0.32
	MD14-A20-200K	20	200	M8	8.5	14	50	0.49
	MD14-A20-250K	20	250	M8	8.5	14	50	0.62
	MD18-A25-200K	25	200	M10	10.5	18	60	0.77
	MD18-A25-250K	25	250	M10	10.5	18	60	0.96
	MD23-A32-250K	32	250	M12	12.5	23	70	1.58
	NEW MD23-A32-300K	32	300	M12	12.5	23	70	1.89
	MD23-A32-350K	32	350	M12	12.5	23	70	2.21
	NEW MD29-A42-250K	42	250	M16	17	29	100	2.72
 Carbide shank + Coolant Hole 鎢鋼柄水孔	NEW MD29-A42-300K	42	300	M16	17	29	100	3.26
	MD29-A42-350K	42	350	M16	17	29	100	3.81
	HD08-100-M4	8	100	M4	4.5	--	--	0.07
	HD08-120-M4	8	120	M4	4.5	--	--	0.08
	HD10-075-M5	10	75	M5	5.5	--	--	0.08
	HD10-100-M5	10	100	M5	5.5	--	--	0.10
	HD10-150-M5	10	150	M5	5.5	--	--	0.15
	HD12-100-M6	12	100	M6	6.5	--	--	0.15
	HD12-150-M6	12	150	M6	6.5	--	--	0.23
	HD12-200-M6	12	200	M6	6.5	--	--	0.30
	HD16-100-M8	16	100	M8	8.5	--	--	0.25
	HD16-150-M8	16	150	M8	8.5	--	--	0.39
	HD16-200-M8	16	200	M8	8.5	--	--	0.52
	NEW HD16-250-M8	16	250	M8	8.5	--	--	0.72
	NEW HD16-300-M8	16	300	M8	8.5	--	--	0.72
	HD20-100-M10	20	100	M10	10.5	--	--	0.41
	HD20-150-M10	20	150	M10	10.5	--	--	0.61
	HD20-200-M10	20	200	M10	10.5	--	--	0.82
	NEW HD20-250-M10	20	250	M10	10.5	--	--	1.12
	HD20-300-M10	20	300	M10	10.5	--	--	1.22
	HD25-100-M12	25	100	M12	12.5	--	--	0.63
	HD25-150-M12	25	150	M12	12.5	--	--	0.94
	HD25-200-M12	25	200	M12	12.5	--	--	1.27
	HD25-250-M12	25	250	M12	12.5	--	--	1.76
	HD25-300-M12	25	300	M12	12.5	--	--	1.95
	HD25-350-M12	25	350	M12	12.5	--	--	2.46
	HD32-150-M16	32	150	M16	17	--	--	1.51
	HD32-200-M16	32	200	M16	17	--	--	2.05
	HD32-250-M16	32	250	M16	17	--	--	2.88
	HD32-300-M16	32	300	M16	17	--	--	3.10
	NEW HD32-350-M16	32	350	M16	17	--	--	4.12
	HD32-400-M16	32	400	M16	17	--	--	4.18

內徑車刀
BORING BARS

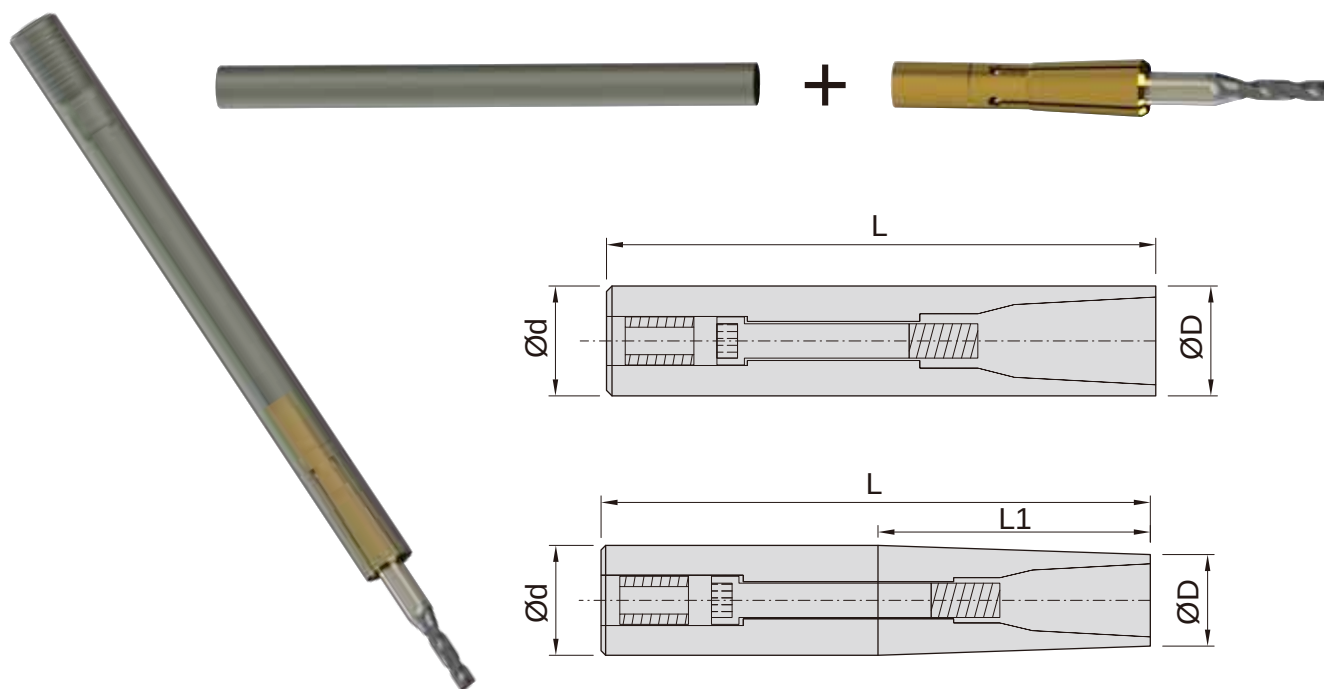
外徑車刀
TOOL HOLDERS

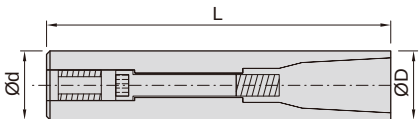
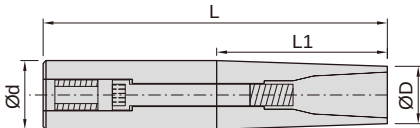
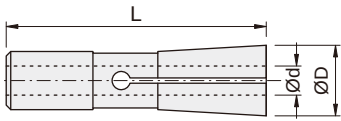
牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS



SHAPE	Item code	Dimensions,mm				適用套筒 Suitable Collet	Weight Kg
		d	L	D	L1		
HDC CHUCK  	HDC4-08-100L	8	100	8	--	HDC4	0.12
	HDC4-10-100L	10	100	10	--		0.15
	HDC4-10-150L	10	150	10	--		0.22
	HDC6-12-100L	12	100	12	--	HDC6	0.20
	HDC6-12-150L	12	150	12	--		0.27
	HUC10-20-150L	20	150	20	--	HUC10	0.73
	HUC10-20-200L	20	200	20	--		0.95
HDC CHUCK  	HDC4-12-150L	12	150	10	60	HDC4	0.28
	HDC4-16-200L	16	200	10	100		0.57
	HDC6-16-150L	16	150	12.8	60	HDC6	0.48
	HDC6-16-200L	16	200	12.8	90		0.61
	HDC6-20-250L	20	250	12.8	110		1.13
	HUC10-25-250L	25	250	23	120	HUC10	1.77
	HUC10-25-300L	25	300	23	120		2.12
HDC COLLET  	HDC4-3	3	31	7	--		0.01
	HDC4-4	4	31	7	--		0.01
	HDC6-3	3	36	9.6	--		0.01
	HDC6-4	4	36	9.6	--		0.01
	HDC6-5	5	36	9.6	--		0.01
	HDC6-6	6	36	9.6	--		0.01
	HUC10-06	6	56.5	15	--		0.05
	HUC10-08	8	56.5	15	--		0.05
	HUC10-10	10	56.5	15	--		0.04