



CARB
TECH

Milling



CATÁLOGO 2025



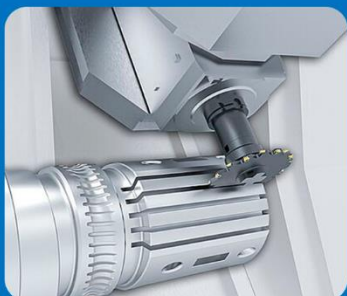
A CARBTECH IMPORT LTDA, fundada em 2012, é uma empresa profissional, envolvida na pesquisa e desenvolvimento de ferramentas de corte para usinagem. Produtos de origem de países como China, Taiwan, Turquia e Brasil. Trabalhamos com o desenvolvimento, venda e manutenção de diversas ferramentas de corte. Estamos localizados na cidade de Curitiba-PR, centro da maior região de indústrias metal-mecânicas. Com um transporte conveniente, e eficiente próximo ao Aeroporto Internacional de São José dos Pinhais e também do Porto de Paranaguá-PR, o que nos torna ágeis nas importações.

Nossos principais produtos incluem ferramentas de torneamento CNC, ferramentas de fresamento, ferramentas de perfuração, ferramentas de mandrilhamento, porta-ferramentas, insertos que se aplicam a uma ampla gama de produtos, incluindo fabricação de moldes e matrizes, peças automotivas, aeroespacial, energia eólica, óleo e gás e indústria ferroviária.

A CarbTech investe em parcerias com empresas de ampla tecnologia. Nos últimos anos, a CarbTech tem fechado grandes parcerias com grandes fabricantes de ferramentas de corte de nível mundial. Além disso, temos uma equipe técnica poderosa que é capaz de projetar novos produtos de forma independente e criar novas formas de processamento para melhorar a eficiência da produção.

A CarbTech obteve e estabeleceu um procedimento completo de controle de qualidade. Após vários anos de trabalho duro, os desempenhos e índices de nossos produtos estão próximos ou excedem a qualidade de marcas tradicionais nacionais e estrangeiras de primeiro nível, e têm boa aplicabilidade e economia.

Agora nos esforçamos para expandir o mercado nacional, ganhando a confiança e o apoio da maioria dos usuários com mais, melhores e excelentes produtos, além da garantia de qualidade e serviço mais aperfeiçoado.



GRADE



GRÁFICO

Grade de insertos e materiais recomendados						
Peça	Aço	SS	Ferro Fundido	Metal Não Ferroso	Liga	Metal Duro
	P	M	K	N	S	H
CTK10G1				●		
CT3580G1	●	●	●			●
CT3570G1	●	●				
CT3590G1	●	●				
CT5010G1			●			
CT5015G1			●			
CTS 5080G1		●			●	

GRADE	PEÇA	DIREÇÕES
CTK10G1	N	• Não revestido • Principalmente adequado para acabamento e processamento médio de metais não ferrosos
CT3580G1	P M K H	• Revestimento especial patenteado • Adequado para usinagem de aço, aço inoxidável, ferro fundido e aço temperado
CT3570G1 CT3590G1	P M	• Com revestimento • Usado principalmente para usinagem média e usinagem bruta de aço e aço inoxidável • Revestimento nanométrico TiAlN+TiN • Possui alta resistência ao desgaste
CT5010G1 CT5015G1	K	• Com revestimento • Usado principalmente para usinagem geral de ferro fundido
CTS 5080G1	P M S	• Com revestimento • Usado principalmente para processamento médio de aço inoxidável • Usinagem média de ligas resistentes ao calor

快进给铣削系列
MILLING TOOLS SERIES

LNMT02 / LNMT03

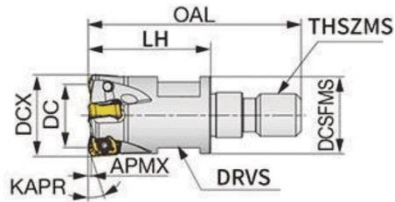


CARBTECH EXPERT MILLING

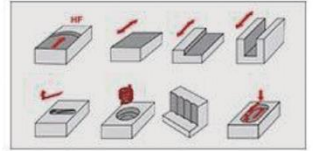
TMHLN02

4刃双面刀片快进给锁牙铣刀头

High feed modular heads



LNMT02 Series

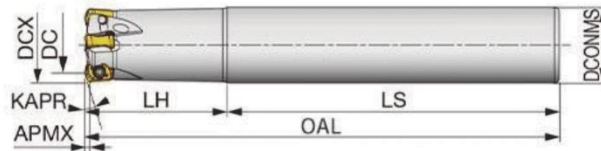


Designation 型号	CICT 齿数	Dimension (mm)/尺寸							KAPR 倾斜角	THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	DRVS			
TMHLN02-108-M04	1	0.5	8	3.95	7.8	28	17	7	17°	M4xP0.7	LNMT02...
TMHLN02-109-M04	1	0.5	9	4.95	7.8	28	17	7	17°	M4xP0.7	LNMT02...
TMHLN02-210-M05	2	0.5	10	5.85	9	29	17	7	17°	M5xP0.8	LNMT02...
TMHLN02-211-M05	2	0.5	11	6.85	9	29	17	7	17°	M5xP0.8	LNMT02...
TMHLN02-312-M06	3	0.5	12	7.8	11	32	17	9	17°	M6xP1.0	LNMT02...
TMHLN02-313-M06	3	0.5	13	8.8	11	32	17	9	17°	M6xP1.0	LNMT02...
TMHLN02-314-M06	3	0.5	14	9.8	13	32	17	10	17°	M6xP1.0	LNMT02...
TMHLN02-315-M06	3	0.5	15	10.8	13	32	17	10	17°	M6xP1.0	LNMT02...
TMHLN02-314-M08	3	0.5	14	9.8	13	34.5	17	10	17°	M8xP1.25	LNMT02...
TMHLN02-315-M08	3	0.5	15	10.8	13	34.5	17	10	17°	M8xP1.25	LNMT02...
TMHLN02-416-M08	4	0.5	16	11.8	15	43	25	12	17°	M8xP1.25	
TMHLN02-417-M08	4	0.5	17	12.8	15	43	25	12	17°	M8xP1.25	

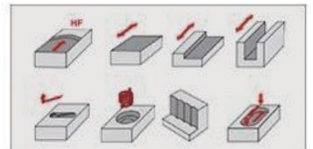
TEHLN02

4刃双面刀片快进给铣刀杆

High Feed End Mills



LNMT02 Series



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							KAPR 倾斜角	INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS		
TEHLN02-108-10-100	1	0.5	8	3.61	10	100	17	83	17°	LNMT02...
TEHLN02-109-10-100	1	0.5	9	4.74	10	100	19	81	17°	LNMT02...
TEHLN02-210-10-100	2	0.5	10	5.85	10	100	22	78	17°	LNMT02...
TEHLN02-211-10-100	2	0.5	11	6.76	10	100	11	89	17°	LNMT02...
TEHLN02-312-12-80	3	0.5	12	7.68	12	80	26	54	17°	LNMT02...
TEHLN02-312-12-120	3	0.5	12	7.68	12	120	26	94	17°	LNMT02...
TEHLN02-313-12-80	3	0.5	13	8.68	12	80	13	67	17°	LNMT02...
TEHLN02-313-12-120	3	0.5	13	8.68	12	120	13	107	17°	LNMT02...
TEHLN02-314-14-120	3	0.5	14	9.51	14	120	30	90	17°	LNMT02...
TEHLN02-314-14-150	3	0.5	14	9.51	14	150	30	120	17°	LNMT02...
TEHLN02-315-14-120	3	0.5	15	10.43	14	120	15	105	17°	LNMT02...
TEHLN02-315-14-160	3	0.5	15	10.43	14	160	15	145	17°	LNMT02...
TEHLN02-416-16-120	4	0.5	16	11.35	16	120	35	85	17°	LNMT02...
TEHLN02-416-16-160	4	0.5	16	11.35	16	160	35	125	17°	LNMT02...
TEHLN02-417-16-120	4	0.5	17	12.27	16	120	17	103	17°	LNMT02...
TEHLN02-417-16-160	4	0.5	17	12.27	16	160	17	143	17°	LNMT02...

建议常规加工时切深采用0.3-0.35mm

刀片及备件相关信息请参考第M1-03页

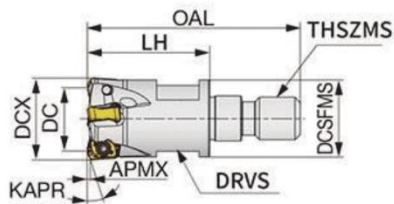
切削参数请参考第M1-04页

*注意事项：此页铣刀杆和锁牙铣刀头不能完全通装泰珂洛公司的LNMT02刀片

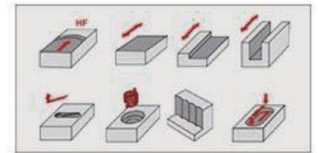
TMHLN03

4刃双面刀片快进给锁牙铣刀头

High feed modular heads



LNMT03 Series

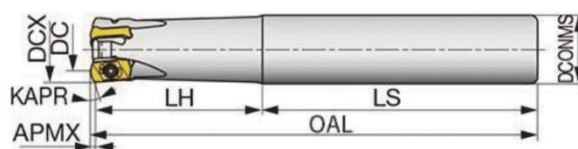


Designation 型号	CIC 齿数	Dimension (mm)/尺寸							KAPR 倾斜角	THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	DRVS			
TMHLN03-216-M08	2	1	16	9.6	15	43	25	12	15°	M8xP1.25	LNMT03...
TMHLN03-217-M08	2	1	17	10.5	15	43	25	12	17°	M8xP1.25	LNMT03...
TMHLN03-318-M08	3	1	18	11.5	15	43	25	12	17°	M8xP1.25	LNMT03...
TMHLN03-320-M10	3	1	20	13.5	19	49	29	15	17°	M10xP1.5	LNMT03...
TMHLN03-322-M10	3	1	22	15.5	19	49	29	15	17°	M10xP1.5	LNMT03...
TMHLN03-425-M12	4	1	25	18.5	24	57	35	19	17°	M12xP1.75	LNMT03...
TMHLN03-426-M12	4	1	26	19.5	24	57	35	19	17°	M12xP1.75	LNMT03...
TMHLN03-528-M12	5	1	28	21.5	24	57	35	19	17°	M12xP1.75	LNMT03...
TMHLN03-532-M16	5	1	32	25.5	31	63	38	24	17°	M16xP2.0	LNMT03...
TMHLN03-635-M16	6	1	35	28.5	31	63	38	24	17°	M16xP2.0	LNMT03...

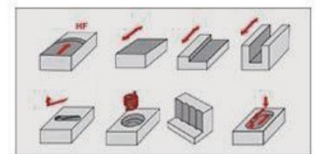
TEHLN03

4刃双面刀片快进给铣刀杆

High Feed End Mills



LNMT03 Series



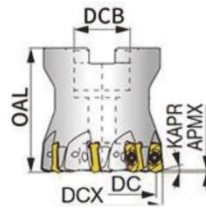
Designation 型号	CIC 齿数	Dimension (mm)/尺寸							KAPR 倾斜角	INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS		
TEHLN03-216-16-100	2	1	16	9.6	16	100	30	70	17°	LNMT03...
TEHLN03-216-16-120	2	1	16	9.6	16	120	30	90	17°	LNMT03...
TEHLN03-216-16-150	2	1	16	9.6	16	150	30	120	17°	LNMT03...
TEHLN03-217-16-100	2	1	17	10.5	16	100	20	80	17°	LNMT03...
TEHLN03-217-16-120	2	1	17	10.5	16	120	20	100	17°	LNMT03...
TEHLN03-217-16-150	2	1	17	10.5	16	150	20	130	17°	LNMT03...
TEHLN03-320-20-100	3	1	20	13.5	20	100	30	70	17°	LNMT03...
TEHLN03-320-20-130	3	1	20	13.5	20	130	50	80	17°	LNMT03...
TEHLN03-320-20-160	3	1	20	13.5	20	160	50	110	17°	LNMT03...
TEHLN03-321-20-130	3	1	21	14.5	20	130	35	95	17°	LNMT03...
TEHLN03-321-20-160	3	1	21	14.5	20	160	35	125	17°	LNMT03...
TEHLN03-425-25-100	4	1	25	18.5	25	100	37	63	17°	LNMT03...
TEHLN03-425-25-140	4	1	25	18.5	25	140	60	80	17°	LNMT03...
TEHLN03-425-25-200	4	1	25	18.5	25	200	60	140	17°	LNMT03...
TEHLN03-426-25-140	4	1	26	19.5	25	140	30	110	17°	LNMT03...
TEHLN03-426-25-200	4	1	26	19.5	25	200	30	170	17°	LNMT03...
TEHLN03-530-25-150	5	1	30	23.5	25	150	30	120	17°	LNMT03...
TEHLN03-532-32-150	5	1	32	25.5	32	150	70	80	17°	LNMT03...
TEHLN03-532-32-200	5	1	32	25.5	32	200	70	130	17°	LNMT03...
TEHLN03-533-32-150	5	1	33	26.5	32	150	30	120	17°	LNMT03...
TEHLN03-533-32-200	5	1	33	26.5	32	200	30	170	17°	LNMT03...
TEHLN03-635-32-160	6	1	35	28.5	32	160	40	120	17°	LNMT03...
TEHLN03-635-32-200	6	1	35	28.5	32	150	40	110	17°	LNMT03...

建议常规加工时切深采用0.6-0.7mm
刀片及备件相关信息请参照第M1-03页
切削参数请参照第M1-04页

TFHLN03

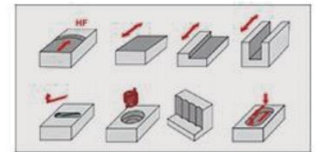
4刃双面刀片快进给铣刀盘

High Feed Face Mills



C.H. 冷却孔

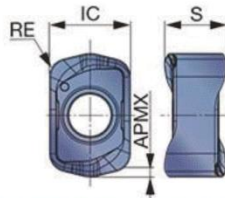
LNMT03 Series



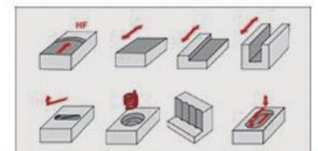
Designation 型号	CIC 齿数	Dimension (mm)/尺寸						KAPR /倾斜角	INSERT /刀片
		APMX	DCX	DC	DCB	OAL	C.H.		
TFHLN03-635-16	6	1	35	28.6	16	40	NO	17°	LNMT03...
TFHLN03-635-16-C	6	1	35	28.6	16	40	YES	17°	LNMT03...
TFHLN03-640-16	6	1	40	33.6	16	40	NO	17°	LNMT03...
TFHLN03-640-16-C	6	1	40	33.6	16	40	YES	17°	LNMT03...
TFHLN03-645-16	6	1	45	38.6	16	40	NO	17°	LNMT03...
TFHLN03-645-16-C	6	1	45	38.6	16	40	YES	17°	LNMT03...
TFHLN03-850-22	8	1	50	43.6	22	40	NO	17°	LNMT03...
TFHLN03-850-22-C	8	1	50	43.6	22	40	YES	17°	LNMT03...
TFHLN03-855-22	8	1	55	48.6	22	40	NO	17°	LNMT03...
TFHLN03-855-22-C	8	1	55	48.6	22	40	YES	17°	LNMT03...
TFHLN03-863-22	8	1	63	56.6	22	40	NO	17°	LNMT03...
TFHLN03-863-22-C	8	1	63	56.6	22	40	YES	17°	LNMT03...
TFHLN03-1070-22	10	1	70	63.6	22	40	NO	17°	LNMT03...
TFHLN03-1070-22-C	10	1	70	63.6	22	40	YES	17°	LNMT03...
TFHLN03-1080-27	10	1	80	73.6	27	50	NO	17°	LNMT03...
TFHLN03-1080-27-C	10	1	80	73.6	27	50	YES	17°	LNMT03...

4刃双面快进给铣刀片

High Feed Milling Inserts



LNMT02 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
LNMT0202ER-MM	4	3.1	0.9	0.5	TSA-18040-1	TWA-T6	●	●

常规参数: Vc 100-200, fz 0.2-1.0

可插铣, 最大横切深 (ae) 2mm

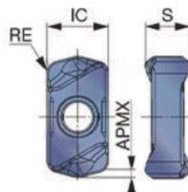
刀杆、刀盘相关信息请参照第M1-01, M1-02, M1-03页

● 常备库存

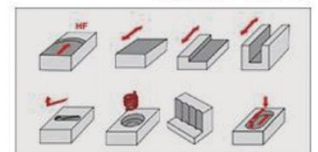
LNMT0303

4刃双面快进给铣刀片

High Feed Milling Inserts



LNMT03 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
LNMT0303ER-MJ	6	4.3	1.2	1	TSA-25070-1	TWA-T8	●	●

常规参数: Vc 100-200, fz 0.5-1.5

可插铣, 最大横切深 (ae) 3mm

刀杆、刀盘相关信息请参照第M1-01, M1-02, M1-03页

● 常备库存

LNMT High Feed Series

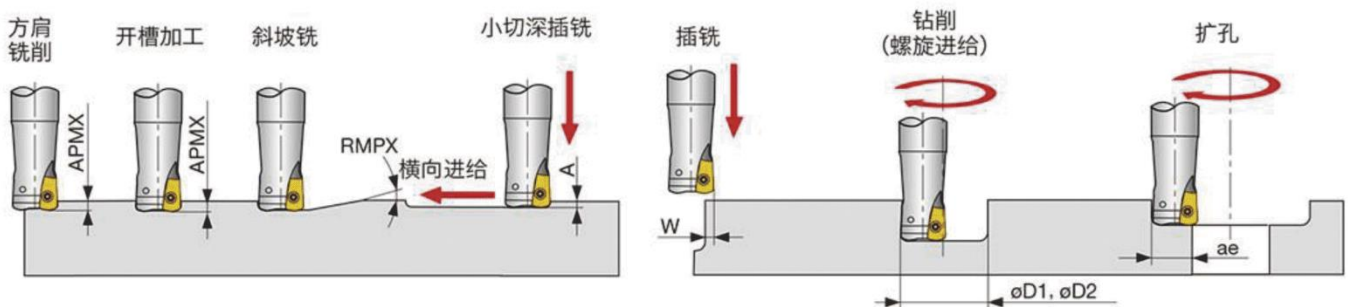
切削参数 / Cutting Conditions

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度		fz (mm/t)/每齿进给量		Plunging/插铣	
			LNMT02	LNMT03	LNMT02	LNMT03	LNMT02	LNMT03
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	100-300	100-300	0.2-1.2	0.5-1.5	0.06	0.1
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-300	100-300	0.2-1.2	0.5-1.5	0.06	0.1
	预硬化钢 NAK80, PX5 ...	30-40HRC	100-200	100-200	0.2-0.8	0.5-1.0	0.06	0.1
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-150	80-150	0.2-0.8	0.3-0.8	0.06	0.1
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	100-300	100-300	0.2-1.2	0.5-1.5	0.06	0.1
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	80-200	80-200	0.2-1.2	0.5-1.5	0.06	0.1
S	钛合金 Ti-6Al-4V ...	-40HRC	30-60	30-60	0.2-0.7	0.3-0.7	0.05	0.08
	耐热合金 Inconel, Hastelloy...	-40HRC	20-50	20-50	0.1-0.3	0.1-0.3	0.03	0.05
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	40-50HRC	80-150	0.1-0.5	0.1-0.5	0.03	0.05
		SKD11 ... X153CrMoV12...	50-60HRC	50-70	0.1-0.3	0.03-0.2	0.03	0.03

编程时的注意事项

当使用CAM软件编程时，该刀具应设置成圆角刀具，LNMT02刀片通常圆角最大设定值为R=1mm，最大切深0.5mm，常规使用建议0.3-0.35mm；LNMT03刀片通常圆角最大设定值为R=1.5mm，最大切深1mm，常规使用建议0.6-0.7mm。如果圆角设置过大会出现过切的情况。

加工应用数据



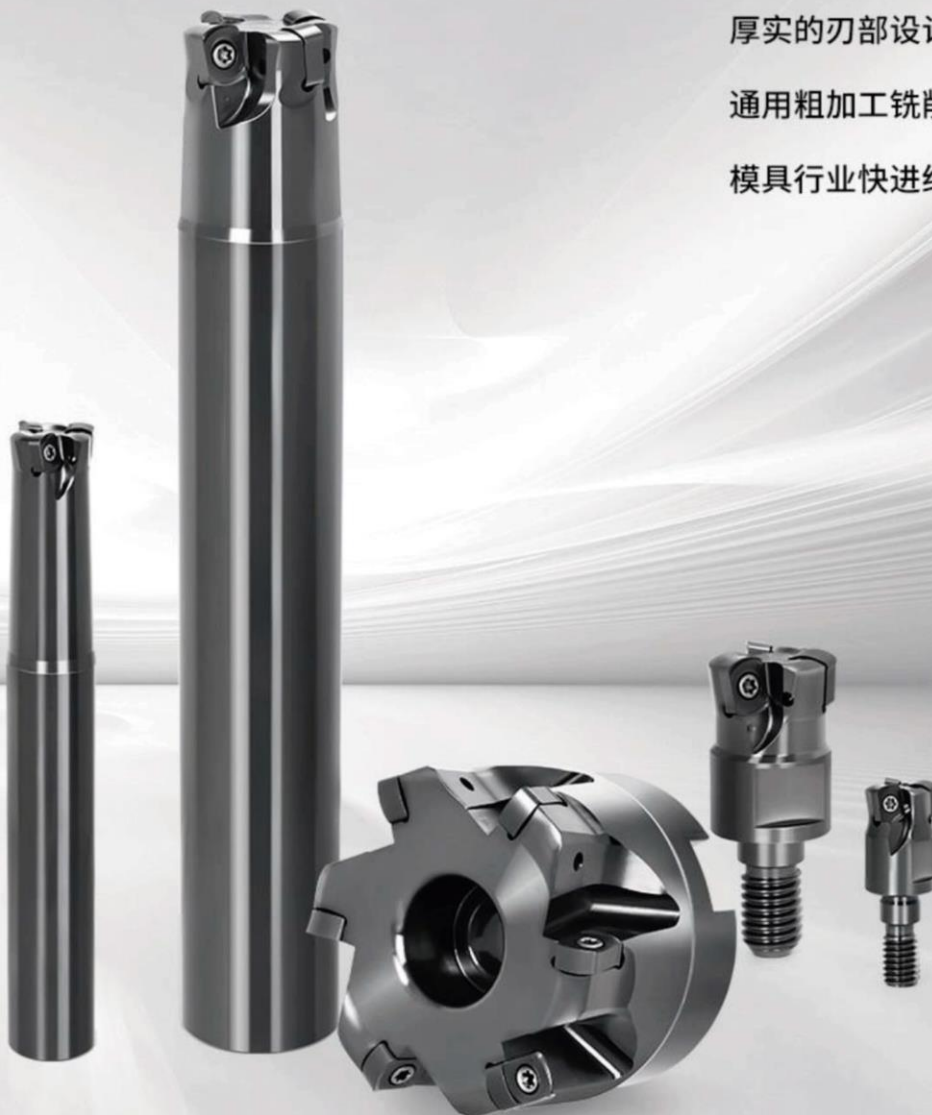
型号 LNMT02刀片	DCX	APMX 最大切深	RMPX 最大斜坡铣角度	A 最大插铣深度	W 最大插铣宽度	D1 最小加工孔径	D2 最大加工孔径	ae 扩孔最大切宽
TEHLN02-108-10...	8	0.5	1.07	0.15	2	10	13.2	5.87
TEHLN02-210-10...	10	0.5	2.8	0.15	2	13.8	17	7.82
TEHLN02-312-12...	12	0.5	1.9	0.15	2	17.8	21	9.81
TEHLN02-416-16...	16	0.5	1.2	0.15	2	25.8	29	13.8

型号 LNMT03刀片	DCX	APMX 最大切深	RMPX 最大斜坡铣角度	A 最大插铣深度	W 最大插铣宽度	D1 最小加工孔径	D2 最大加工孔径	ae 扩孔最大切宽
TEHLN03-216-16...	16	1	2.1°	0.3	3.5	22	30	12.5
TEHLN03-217-16...	17	1	1.7°	0.3	3.5	24	32	13.5
TEHLN03-320-20...	20	1	1.3°	0.3	3.5	30	38	16.5
TEHLN03-425-25...	25	1	1.0°	0.3	3.5	40	48	21.5
TEHLN03-532-32...	32	1	0.7°	0.3	3.5	54	62	28.5
TFHLN03-640...	40	1	0.5°	0.3	3.5	70	78	36.5
TFHLN03-850...	50	1	0.4°	0.3	3.5	90	98	46.5

快进给铣削系列
MILLING TOOLS SERIES

BLMX04/ BLMX06
BLMX09/ BLMX11

厚实的刃部设计增强抗崩性
通用粗加工铣削加工首选
模具行业快进给解决方案



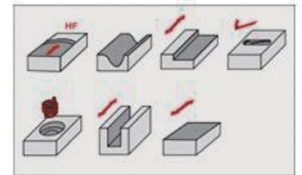
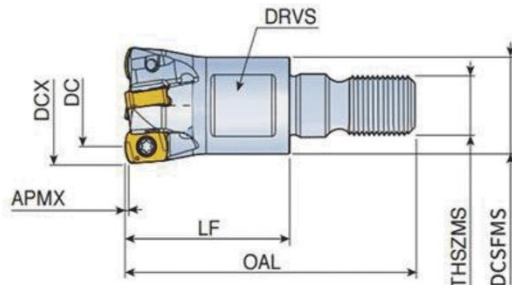
CARBTECH EXPERT MILLING

TMHBL04

4刃双面刀片快进给锁牙铣刀头

High Feed Modular Heads

BLMX04 Series



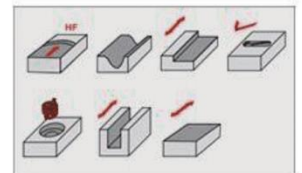
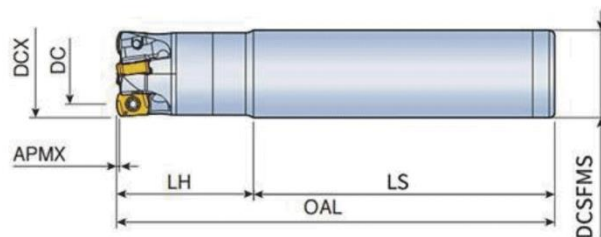
Designation 型号	CICF 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TMHBL04-312-M06	3	0.5	12	7.6	11	32	17	9	M6xP1.0	BLMX04...
TMHBL04-313-M06	3	0.5	13	8.6	11	32	17	9	M6xP1.0	BLMX04...
TMHBL04-314-M06	3	0.5	14	9.6	13	32	17	10	M6xP1.0	BLMX04...
TMHBL04-315-M06	3	0.5	15	10.6	13	32	17	10	M6xP1.0	BLMX04...
TMHBL04-314-M08	3	0.5	14	9.6	13	34.5	17	10	M8xP1.25	BLMX04...
TMHBL04-315-M08	3	0.5	15	10.6	13	34.5	17	10	M8xP1.25	BLMX04...
TMHBL04-416-M08	4	0.5	16	11.6	15	43	25	12	M8xP1.25	BLMX04...
TMHBL04-417-M08	4	0.5	17	12.6	15	43	25	12	M8xP1.25	BLMX04...

TEHBL04

4刃双面刀片快进给铣刀杆

High Feed End Mills

BLMX04 Series



Designation 型号	CICF 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	LS	
TEHBL04-107-10-80	1	0.5	7	2.8	10	80	17.5	62.5	BLMX04...
TEHBL04-108-10-80	1	0.5	8	3.8	10	80	20	60	BLMX04...
TEHBL04-109-10-80	1	0.5	9	4.8	10	80	22.5	57.5	BLMX04...
TEHBL04-210-10-80	2	0.5	10	5.7	10	80	25	55	BLMX04...
TEHBL04-211-10-80	2	0.5	11	6.6	10	80	20	60	BLMX04...
TEHBL04-312-12-80	3	0.5	12	7.6	12	80	30	50	BLMX04...
TEHBL04-313-12-80	3	0.5	13	8.6	12	80	20	60	BLMX04...
TEHBL04-314-14-100	3	0.5	14	9.6	14	100	35	65	BLMX04...
TEHBL04-315-14-100	3	0.5	15	10.6	14	100	20	80	BLMX04...
TEHBL04-416-16-120	4	0.5	16	11.6	16	120	40	80	BLMX04...
TEHBL04-417-16-120	4	0.5	17	12.6	16	120	20	100	BLMX04...

刀片相关信息请参照第M4-03页

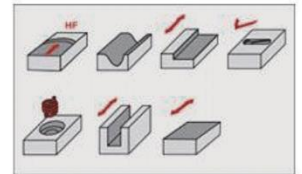
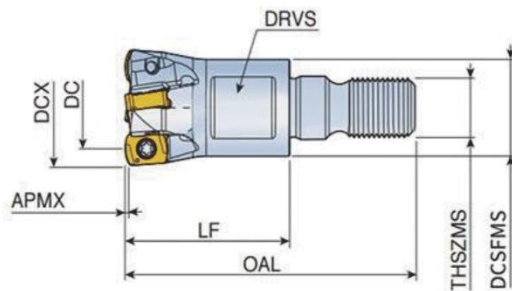
切削参数请参照第M4-04页

TMHBL06

4刃双面刀片快进给锁牙铣刀头

High Feed Modular Heads

BLMX06 Series



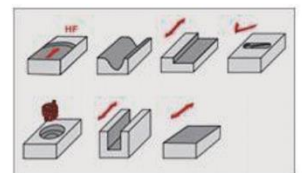
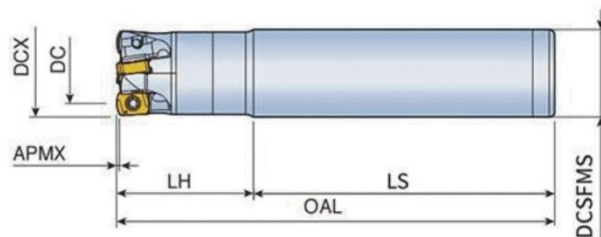
Designation 型号	CICT 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TMHBL06-216-M08	2	1	16	9.4	15	43	25.5	12	M8xP1.25	BLMX06...
TMHBL06-217-M08	2	1	17	10.1	15	43	25.5	12	M8xP1.25	BLMX06...
TMHBL06-218-M08	2	1	18	11.1	15	43	25.5	12	M8xP1.25	BLMX06...
TMHBL06-320-M10	3	1	20	12.4	19	49	29	15	M10xP1.5	BLMX06...
TMHBL06-321-M10	3	1	21	13.4	19	49	29	15	M10xP1.5	BLMX06...
TMHBL06-425-M12	4	1	25	17.3	24	57	35	19	M12xP1.75	BLMX06...
TMHBL06-426-M12	4	1	26	18.3	24	57	35	19	M12xP1.75	BLMX06...
TMHBL06-430-M16	4	1	30	22.3	29	63	38	24	M16xP2.0	BLMX06...
TMHBL06-532-M16	5	1	32	24.3	31	63	38	24	M16xP2.0	BLMX06...
TMHBL06-533-M16	5	1	33	25.3	31	63	38	24	M16xP2.0	BLMX06...

TEHBL06

4刃双面刀片快进给铣刀杆

High Feed End Mills

BLMX06 Series



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	LS	
TEHBL06-216-16-120	2	1	16	9.4	16	120	25	95	BLMX06...
TEHBL06-217-16-160	2	1	17	10.1	16	160	15	145	BLMX06...
TEHBL06-320-20-120	3	1	20	12.4	20	120	25	95	BLMX06...
TEHBL06-320-20-160	3	1	20	12.4	20	160	25	135	BLMX06...
TEHBL06-321-20-160	3	1	21	13.4	20	160	20	140	BLMX06...
TEHBL06-321-20-200	3	1	21	13.4	20	200	20	180	BLMX06...
TEHBL06-425-25-160	4	1	25	17.3	25	160	30	130	BLMX06...
TEHBL06-425-25-200	4	1	25	17.3	25	200	30	170	BLMX06...
TEHBL06-426-25-160	4	1	26	18.3	25	160	20	140	BLMX06...
TEHBL06-426-25-200	4	1	26	18.3	25	200	20	180	BLMX06...
TEHBL06-532-32-160	5	1	32	24.3	32	160	35	125	BLMX06...
TEHBL06-532-32-200	5	1	32	24.3	32	200	35	165	BLMX06...
TEHBL06-533-32-160	5	1	33	25.3	32	160	25	135	BLMX06...
TEHBL06-533-32-200	5	1	33	25.3	32	200	25	175	BLMX06...

刀片相关信息请参照第M4-03页

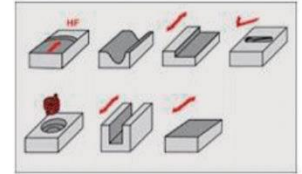
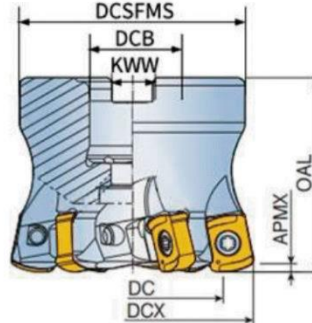
切削参数请参照第M4-04页

TFHBL06

4刃双面刀片快进给铣刀盘

High Feed Face Mills

BLMX06 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCB	OAL	KWW	DCSFMS	
TFHBL06-535-16	5	1	35	27.3	16	40	8.4	32	BLMX06...
TFHBL06-540-16	5	1	40	32.2	16	40	8.4	32	BLMX06...
TFHBL06-650-22	6	1	50	42.2	22	40	10.4	45	BLMX06...
TFHBL06-863-22	8	1	63	55.5	22	40	10.4	48	BLMX06...
TFHBL06-1080-27	10	1	80	72.5	27	50	12.4	60	BLMX06...

Internal coolant

Coolant is directed to cutting edges

Small contact area
Low cutting force
Higher feed rate

Higher productivity

Small double-sided insert



M & MM & ML

Various chip formers

Strong

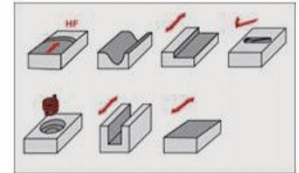
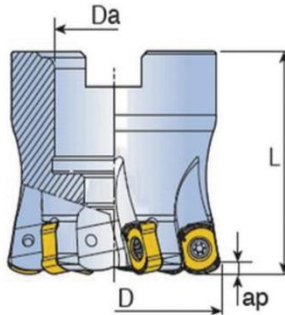
cutting edge

TFMBL09

4刃双面刀片快进给铣刀盘

High Feed Face Mills

BLMX09 Series

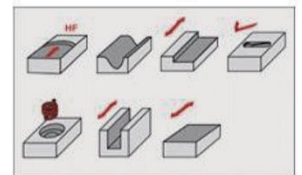
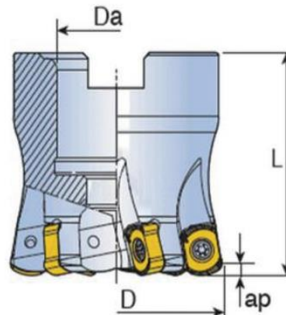


MODEL		DIMENSION				CONNE CTOR		INSERT
		D	da	L	ap			
TFMBL 440-16R-09	4	40	16	40	1.5	A	0.2	BLMX09
TFMBL 540-16R-09	5	40	16	40	1.5	A	0.2	
TFMBL 550-22R-09	5	50	22	50	1.5	A	0.4	
TFMBL 650-22R-09	6	50	22	50	1.5	A	0.4	
TFMBL 750-22R-09	7	50	22	50	1.5	A	0.4	
TFMBL 652-22R-09	6	52	22	40	1.5	A	0.4	
TFMBL 752-22R-09	7	52	22	40	1.5	A	0.4	
TFMBL 663-22R-09	6	63	22	50	1.5	A	0.4	
TFMBL 763-22R-09	7	63	22	50	1.5	A	0.4	
TFMBL 863-22R-09	8	63	22	50	1.5	A	0.6	
TFMBL 766-27R-09	7	66	27	50	1.5	A	0.7	
TFMBL 866-27R-09	8	66	27	50	1.5	A	0.8	
TFMBL 780-27R-09	7	80	27	50	1.5	A	1.2	
TFMBL 880-27R-09	8	80	27	50	1.5	A	1.2	
TFMBL 980-27R-09	9	80	27	50	1.5	A	1.2	
TFMBL 1080-27R-09	10	80	27	50	1.5	A	1.2	
TFMBL 8100-32R-09	8	100	32	60	1.5	A	2.3	
TFMBL 9100-32R-09	9	100	32	60	1.5	A	2.3	
TFMBL 10100-32R-09	10	100	32	60	1.5	A	2.3	
TFMBL 11100-32R-09	11	100	32	60	1.5	A	2.3	
TFMBL 12100-32R-09	12	100	32	60	1.5	A	2.3	
TFMBL 12125-40R-09	12	125	40	60	1.5	A	2.7	
TFMBL 14125-40R-09	14	125	40	60	1.5	A	2.7	

TFMBL11

4刃双面刀片快进给铣刀盘 High Feed Face Mills

BLMX11 Series

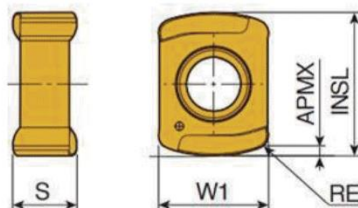


MODEL		DIMENSION				CONNE CTOR	 Kg	INSERT
		D	da	L	ap			
TFMBL 440-16R-11	4	40	16	40	2.0	A	0.2	BLMX11 Series
TFMBL 450-22R-11	4	50	22	40	2.0	A	0.3	
TFMBL 550-22R-11	5	50	22	40	2.0	A	0.3	
TFMBL 552-22R-11	5	52	22	40	2.0	A	0.3	
TFMBL 563-22R-11	5	63	22	50	2.0	A	0.7	
TFMBL 663-22R-11	6	63	22	50	2.0	A	0.7	
TFMBL 666-22R-11	6	66	22	50	2.0	A	0.83	
TFMBL 680-27R-11	6	80	27	60	2.0	A	1.4	
TFMBL 780-27R-11	7	80	27	60	2.0	A	1.4	
TFMBL 6100-32R-11	6	100	32	60	2.0	B	2.2	
TFMBL 7100-32R-11	7	100	32	60	2.0	B	2.2	

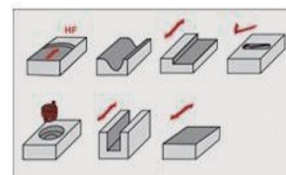
BLMX0402

4刃双面快进给铣刀片

High Feed Inserts



BLMX06 Series



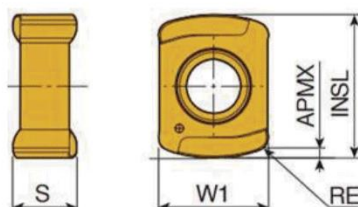
Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
BLMX0402R-M	6	2.5	0.5	0.5	TSA-18040-1	TWA-T6	○	○

○ 开发中

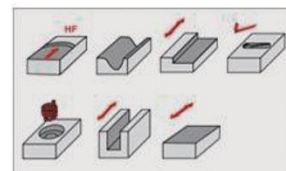
BLMX0603

4刃双面快进给铣刀片

High Feed Inserts



BLMX06 Series



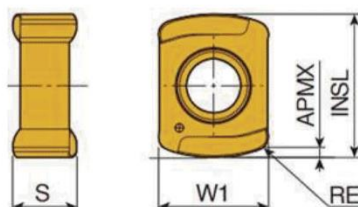
Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
BLMX0603R-M	9	3.73	0.9	1	TSA-25070-1	TWA-T8	○	○

○ 开发中

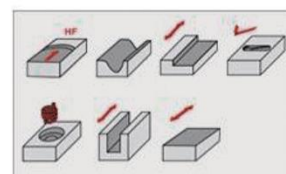
BLMX09

4刃双面快进给铣刀片

High Feed Inserts



BLMX09 Series



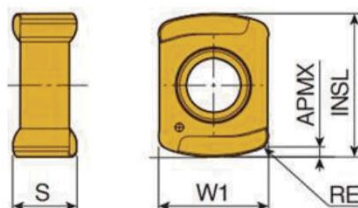
Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
BLMX09R-M	11.9	4.80	1.2	1.5	TSA-3581	TWA-T15	○	○

○ 开发中

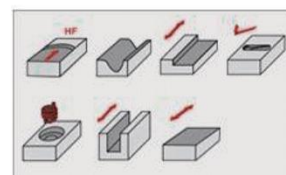
BLMX11

4刃双面快进给铣刀片

High Feed Inserts



BLMX11 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
BLMX11-RM	14.6	6.54	2.0	2.0	TSA-5012	TWA-T20	○	○

○ 开发中

BLMX0402/BLMX0603

4刃双面快进给铣刀片

High Feed Mill Inserts

切削参数 / Cutting Conditions

BLMX04/06 Series

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	BLMX04	BLMX06
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	100-300	0.2 - 0.5	0.5 - 1.2
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	120-250	0.2 - 0.5	0.4 - 1.0
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-160	0.2 - 0.5	0.3 - 1.0
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-170	0.2 - 0.5	0.3 - 1.2
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	100-300	0.2 - 0.5	0.5-1.2
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	80-200	0.2 - 0.5	0.5-1.2
S	钛合金 Ti-6Al-4V ...	-40HRC	30-80	0.2 - 0.5	0.3-1.2
	耐热合金 Inconel, Hastelloy...	-40HRC	20-60	0.2 - 0.5	0.3-1.0
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.2 - 0.5	0.3-1.2
		SKD11 ... X153CrMoV12...	50-70	0.2 - 0.5	0.2-1.0

切削参数 / Cutting Conditions

BLMX09/11 Series

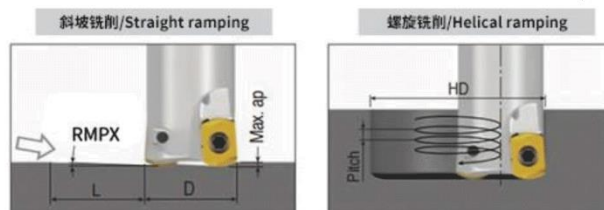
ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	BLMX09	BLMX11
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	100-300	1.0 - 2.0	2.0 - 4.0
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	120-250	1.0 - 2.0	2.0 - 4.0
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-160	1.0 - 2.0	2.0 - 4.0
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-170	1.0 - 2.0	2.0 - 4.0
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	100-300	1.0 - 2.0	2.0 - 4.0
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	80-200	0.7 - 1.5	1.5 - 3.0
S	钛合金 Ti-6Al-4V ...	-40HRC	30-80	0.7 - 1.5	1.5 - 3.0
	耐热合金 Inconel, Hastelloy...	-40HRC	20-60	0.7 - 1.5	1.5 - 3.0
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.7 - 1.5	1.5 - 3.0
		SKD11 ... X153CrMoV12...	50-70	0.7 - 1.5	1.5 - 3.0

BLMX04/BLMX06

BLMX04/06

刀具应用注意事项

当使用CAM软件编程时，该刀具应设置成圆角刀具，通常BLMP04的圆角最大设定值为R=0.9以内，BLMP0603在刀具直径20mm以内的最大设定为R=1.5以内，刀具直径大于20mm的最大设定值为R=2.0。
如果圆角设置过大会出现过切的情况。



BLMX0403

unit: mm

Cutter dia.(D)	Straight ramp down			Helical ramp down		
	Max. ramp (A°)	Max. ap	Min. length (L)	Min. dia.(HD)	Max. dia.(HD)	Max. pitch/rev.
Ø8	0.4	0.5	72	12.6	16	0.1
Ø10	0.6	0.5	44	16.6	20	0.2
Ø11	0.7	0.5	38	18.6	22	0.2
Ø12	1.0	0.5	29	20.6	24	0.3
Ø13	1.1	0.5	25	22.6	26	0.4
Ø16	1.0	0.5	29	28.6	32	0.5
Ø17	1.1	0.5	26	30.6	34	0.5
Ø20	1.0	0.5	27	36.6	40	0.5
Ø21	0.7	0.5	38	38.6	42	0.5
Ø25	0.7	0.5	38	46.6	50	0.5
Ø32	0.6	0.5	48	60.6	64	0.5

BLMX06

unit: mm

Cutter dia.(D)	Straight ramp down			Helical ramp down		
	Max. ramp (A°)	Max. ap	Min. length (L)	Min. dia.(HD)	Max. dia.(HD)	Max. pitch/rev.
Ø16	2.0	0.7	13	23	32	0.7
Ø17	2.0	0.7	15	25	34	0.7
Ø18	2.3	0.7	16	27	36	0.7
Ø20	1.5	1.0	38	31	40	0.8
Ø21	1.5	1.0	38	33	42	1.0
Ø22	1.5	1.0	38	35	44	1.0
Ø25	1.3	1.0	41	41	50	1.0
Ø26	1.2	1.0	44	43	52	1.0
Ø30	1.0	1.0	52	51	60	1.0
Ø32	0.9	1.0	57	55	64	1.0
Ø33	0.9	1.0	57	57	66	1.0
Ø35	0.8	1.0	57	61	70	1.0
Ø40	0.7	1.0	64	71	80	1.0
Ø42	0.7	1.0	72	75	84	1.0
Ø50	0.6	1.0	96	91	100	1.0
Ø52	0.6	1.0	96	95	104	1.0
Ø63	0.5	1.0	115	117	126	1.0
Ø66	0.5	1.0	115	123	132	1.0

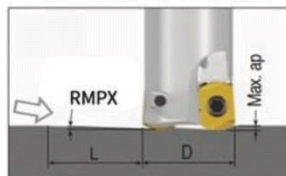
BLMX09/BLMX11

刀具应用注意事项

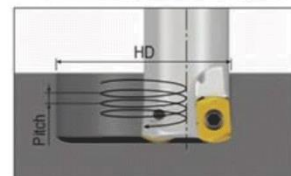
当使用CAM软件编程时，该刀具应设置成圆角刀具，通常BLMP04的圆角最大设定值为R=0.9以内，BLMP0603在刀具直径20mm以内的最大设定为R=1.5以内，刀具直径大于20mm的最大设定值为R=2.0。

如果圆角设置过大会出现过切的情况。

斜坡铣削/Straight ramping



螺旋铣削/Helical ramping



BLMX09

BLMX09/11 Series

unit: mm

Cutter dia. (D)	Straight ramp down			Helical ramp down		
	Max. ramp (A°)	Max. ap	Min. length (L)	Min. dia. (HD)	Max. dia. (HD)	Max. pitch/rev.
Ø25	2.2	1.5	39	42	50	1.5
Ø26	2.2	1.5	39	44	52	1.5
Ø30	2.0	1.5	43	52	60	1.5
Ø32	2.0	1.5	43	56	64	1.5
Ø33	2.0	1.5	43	58	66	1.5
Ø35	2.0	1.5	43	60	70	1.5
Ø40	1.5	1.5	57	72	80	1.5
Ø42	1.5	1.5	57	76	84	1.5
Ø50	1.0	1.5	86	92	100	1.5
Ø52	1.0	1.5	86	96	104	1.5
Ø63	0.9	1.5	96	118	126	1.5
Ø66	0.9	1.5	96	124	132	1.5
Ø80	0.8	1.5	107	152	160	1.5
Ø100	0.7	1.5	123	192	200	1.5
Ø125	0.4	1.5	215	240	250	1.5

BLMX11

unit: mm

Cutter dia. (D)	Straight ramp down			Helical ramp down		
	Max. ramp (A°)	Max. ap	Min. length (L)	Min. dia. (HD)	Max. dia. (HD)	Max. pitch/rev.
Ø30	0.50	2.0	229	41	60	0.3
Ø32	0.50	2.0	229	45	64	0.3
Ø33	0.45	2.0	255	47	66	0.3
Ø35	0.50	2.0	229	51	70	0.4
Ø40	0.55	2.0	208	61	80	0.5
Ø42	0.50	2.0	229	65	84	0.5
Ø50	0.50	2.0	229	81	100	0.7
Ø52	0.45	2.0	255	85	104	0.7
Ø63	0.45	2.0	255	107	126	0.9
Ø66	0.40	2.0	287	113	132	0.9
Ø80	0.35	2.0	328	141	160	1.0
Ø100	0.30	2.0	382	181	200	1.1
Ø125	0.25	2.0	459	231	250	1.2
Ø160	0.20	2.0	573	301	320	1.3
Ø200	0.15	2.0	764	381	400	1.3

快进给铣削系列

MILLING TOOLS SERIES

LPGT01 / LOGT03
LOMT10 / LOMT14

多刃设计实现高效率加工，缩短粗加工时间

良好的排屑性能，低阻力抗振能力强

刀杆直径8mm开始，

可替代整体硬质合金铣刀



CARBTECH EXPERT MILLING

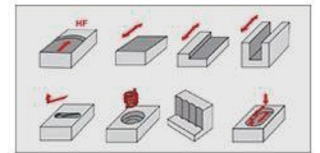
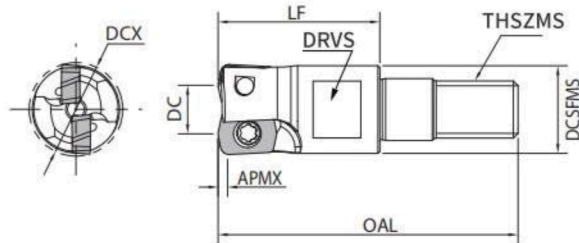
TMHLP01

2刃单面刀片快进给锁牙铣刀头

High Feed Modular Heads

LPGT01系列

LPGT01 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TMHLP01-210-M05	2	0.5	10	6.2	9	29	17	7	M5xP0.8	LPGT01...
TMHLP01-211-M05	2	0.5	11	7.2	9	29	17	7	M5xP0.8	LPGT01...
TMHLP01-312-M06	3	0.5	12	8.2	11	32	17	9	M6xP1.0	LPGT01...
TMHLP01-313-M06	3	0.5	13	9.2	11	32	17	9	M6xP1.0	LPGT01...
TMHLP01-314-M06	3	0.5	14	10.2	13	32	17	10	M6xP1.0	LPGT01...
TMHLP01-415-M06	4	0.5	15	11.2	13	32	17	10	M6xP1.0	LPGT01...
TMHLP01-314-M08	3	0.5	14	10.2	13	34.5	17	10	M8xP1.25	LPGT01...
TMHLP01-415-M08	4	0.5	15	11.2	13	34.5	17	10	M8xP1.25	LPGT01...
TMHLP01-416-M08	4	0.5	16	12.2	15	43	25	12	M8xP1.25	LPGT01...
TMHLP01-417-M08	4	0.5	17	13.2	15	43	25	12	M8xP1.25	LPGT01...

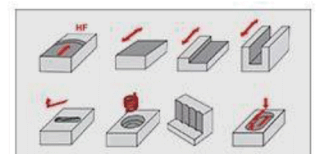
TEHLP01

2刃单面刀片快进给铣刀杆

High Feed End Mills

LPGT01系列

LPGT01 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	LS	
TEHLP01-108-10-75	1	0.5	8	4.2	10	75	17	58	LPGT01...
TEHLP01-108-10-100	1	0.5	8	4.2	10	100	17	83	LPGT01...
TEHLP01-109-10-100	1	0.5	9	5.2	10	100	19	81	LPGT01...
TEHLP01-210-10-80	2	0.5	10	6.2	10	80	22	58	LPGT01...
TEHLP01-210-10-100	2	0.5	10	6.2	10	100	22	78	LPGT01...
TEHLP01-211-10-100	2	0.5	11	7.2	10	100	11	89	LPGT01...
TEHLP01-312-12-80	3	0.5	12	8.2	12	80	26	54	LPGT01...
TEHLP01-312-12-100	3	0.5	12	8.2	12	100	26	74	LPGT01...
TEHLP01-313-12-100	3	0.5	13	9.2	12	100	13	87	LPGT01...
TEHLP01-314-16-120	3	0.5	14	10.2	16	120	30	90	LPGT01...
TEHLP01-415-16-120	4	0.5	15	11.2	14	120	15	105	LPGT01...
TEHLP01-416-16-120	4	0.5	16	12.2	10	120	35	85	LPGT01...

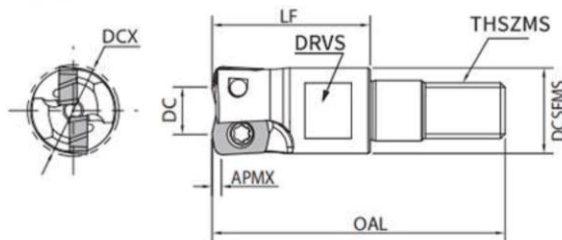
可插铣，最大横切深 (ae) 1.7mm

刀片相关信息请参照第M6-05页

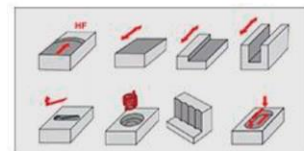
TMHLO03

4刃双面刀片快进给锁牙铣刀头

High Feed Modular Heads



LOGT03 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRV5		
TMHLO03-216-M08	2	1	16	8	15	43	25	12	M8xP1.25	LOGT03...
TMHLO03-217-M08	2	1	17	9	15	43	25	12	M8xP1.25	LOGT03...
TMHLO03-218-M08	2	1	18	10	15	43	25	12	M8xP1.25	LOGT03...
TMHLO03-320-M10	3	1	20	12	19	49	29	15	M10xP1.5	LOGT03...
TMHLO03-321-M10	3	1	21	13	19	49	29	15	M10xP1.5	LOGT03...
TMHLO03-425-M12	4	1	25	17	24	57	35	19	M12xP1.75	LOGT03...
TMHLO03-426-M12	4	1	26	18	24	57	35	19	M12xP1.75	LOGT03...
TMHLO03-428-M12	4	1	28	20	24	57	35	19	M12xP1.75	LOGT03...
TMHLO03-532-M16	5	1	32	24	31	63	38	24	M16xP2.0	LOGT03...
TMHLO03-535-M16	5	1	35	27	31	63	38	24	M16xP2.0	LOGT03...

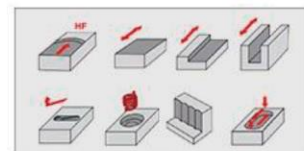
TEHLO03

4刃双面刀片快进给铣刀杆

High Feed End Mills



LOGT03 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	LS	
TEHLO03-216-16-100	2	1	16	8	16	100	35	65	LOGT03...
TEHLO03-216-16-160	2	1	16	8	16	160	35	125	LOGT03...
TEHLO03-217-16-100	2	1	17	9	16	100	35	65	LOGT03...
TEHLO03-217-16-120	2	1	17	9	16	120	17	103	LOGT03...
TEHLO03-217-16-160	2	1	17	9	16	160	17	143	LOGT03...
TEHLO03-320-20-120	3	1	20	12	20	120	17	103	LOGT03...
TEHLO03-320-20-160	3	1	20	12	20	160	44	116	LOGT03...
TEHLO03-320-20-200	3	1	20	12	20	200	44	156	LOGT03...
TEHLO03-321-20-120	3	1	21	13	20	120	21	99	LOGT03...
TEHLO03-321-20-160	3	1	21	13	20	160	21	139	LOGT03...
TEHLO03-321-20-200	3	1	21	13	20	200	21	179	LOGT03...
TEHLO03-425-25-120	4	1	25	17	25	120	55	65	LOGT03...
TEHLO03-425-25-160	4	1	25	17	25	160	55	105	LOGT03...
TEHLO03-425-25-180	4	1	25	17	25	180	55	125	LOGT03...
TEHLO03-425-25-200	4	1	25	17	25	200	55	145	LOGT03...
TEHLO03-426-25-120	4	1	26	18	25	120	26	94	LOGT03...
TEHLO03-426-25-160	4	1	26	18	25	160	26	134	LOGT03...
TEHLO03-426-25-200	4	1	26	18	25	200	26	174	LOGT03...
TEHLO03-528-25-160	5	1	28	20	25	160	28	132	LOGT03...
TEHLO03-530-25-160	5	1	30	22	25	160	30	130	LOGT03...
TEHLO03-532-32-120	5	1	32	24	32	120	64	56	LOGT03...
TEHLO03-532-32-160	5	1	32	24	32	160	70	90	LOGT03...
TEHLO03-532-32-200	5	1	32	24	32	200	70	130	LOGT03...
TEHLO03-533-32-160	5	1	33	25	32	160	33	127	LOGT03...
TEHLO03-533-32-200	5	1	33	25	32	200	33	167	LOGT03...

可插铣, 最大横切深 (ae) 3.5mm

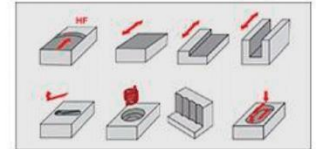
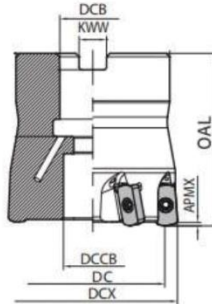
刀片相关信息请参照第M6-05页

TFHLO03

4刃双面刀片快进给铣刀盘

High Feed Face Mills

LOGT03 Series



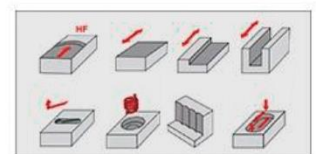
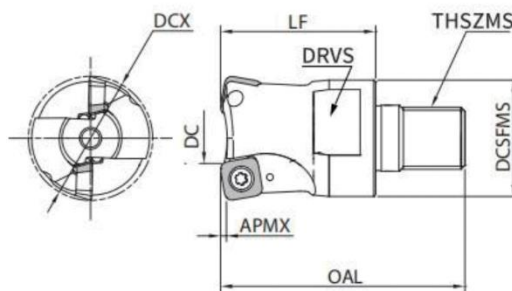
Designation 型号	CICP 齿数	Dimension (mm)/尺寸							A.R. 前角	INSERT 刀片
		APMX	DCX	DC	DCB	OAL	DCCB	KWW		
TFHLO03-535-16	5	1	35	27	16	40	14	8.4	-10°	LOGT03...
TFHLO03-640-16	6	1	40	32	16	40	14	8.4	-10°	LOGT03...
TFHLO03-850-22	8	1	50	42	22	40	17	10.4	-10°	LOGT03...
TFHLO03-863-22	8	1	63	55	22	40	17	10.4	-10°	LOGT03...
TFHLO03-1080-27	10	1	80	72	27	50	34	12.4	-10°	LOGT03...
TFHLO03-12100-32	12	1	100	92	32	50	42	14.4	-10°	LOGT03...

TMHLO10

4刃单面刀片快进给锁牙铣刀头

High Feed Modular Heads

LOMT10 Series



Designation 型号	CICP 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TMHLO10-120-M10	1	1.5	20	3	19	29	49	15	M10xP1.5	LOMT10...
TMHLO10-121-M10	1	1.5	21	4	19	29	49	15	M10xP1.5	LOMT10...
TMHLO10-225-M12	2	1.5	25	8	24	35	57	19	M12xP1.75	LOMT10...
TMHLO10-226-M12	2	1.5	26	9	24	35	57	19	M12xP1.75	LOMT10...
TMHLO10-332-M16	3	1.5	32	15	31	38	63	24	M16xP2.0	LOMT10...
TMHLO10-333-M16	3	1.5	33	16	31	38	63	24	M16xP2.0	LOMT10...
TMHLO10-335-M16	3	1.5	35	18	31	38	63	24	M16xP2.0	LOMT10...

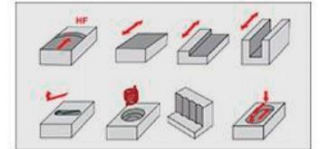
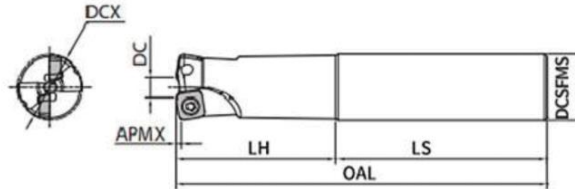
刀片相关信息请参照第M6-05页

TFHLO10

4刃单面刀片快进给铣刀杆

High Feed End Mills

LOMT10 Series



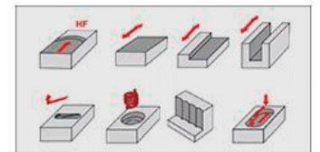
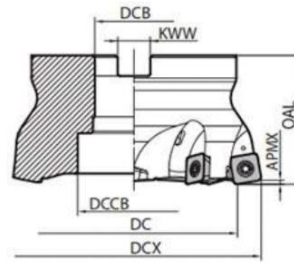
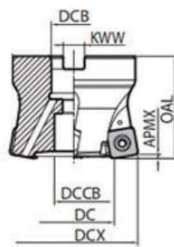
Designation 型号	CICF 齿数	Dimension (mm)/尺寸							A.R. 前角	INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS		
TFLHO10-225-25-120	2	1.5	25	8	25	120	55	65	+10°	LOMT10...
TFLHO10-225-25-160	2	1.5	25	8	25	160	55	105	+10°	LOMT10...
TFLHO10-225-25-200	2	1.5	25	8	25	200	55	145	+10°	LOMT10...
TFLHO10-226-25-160	2	1.5	26	9	25	160	26	134	+10°	LOMT10...
TFLHO10-226-25-200	2	1.5	26	9	25	200	26	174	+10°	LOMT10...
TFLHO10-332-32-120	3	1.5	32	15	32	120	60	60	+10°	LOMT10...
TFLHO10-332-32-160	3	1.5	32	15	32	160	70	90	+10°	LOMT10...
TFLHO10-332-32-200	3	1.5	32	15	32	200	70	130	+10°	LOMT10...
TFLHO10-333-32-160	3	1.5	33	16	32	160	33	127	+10°	LOMT10...
TFLHO10-333-32-200	3	1.5	33	16	32	200	33	167	+10°	LOMT10...

TFHLO10/14

四刃单面刀片快进给铣刀盘

High Feed Face Mills

LOMT10/14 Series



Designation 型号	CICF 齿数	Dimension (mm)/尺寸							A.R. 前角	INSERT 刀片
		APMX	DCX	DC	DCB	OAL	DCCB	KWW		
TFHLO10-440-16	4	1.5	40	23	16	40	9	8.4	+10°	LOMT10...
TFHLO10-550-22	5	1.5	50	33	22	40	11	10.4	+10°	LOMT10...
TFHLO10-663-22	6	1.5	63	46	22	40	11	10.4	+10°	LOMT10...
TFHLO10-780-27	7	1.5	80	63	27	50	13	12.4	+10°	LOMT10...
TFHLO14-450-22	4	2	50	27	22	40	11	10.4	+10°	LOMT14...
TFHLO14-563-22	5	2	63	40	22	40	11	10.4	+10°	LOMT14...
TFHLO14-680-27	6	2	80	57	27	50	13	12.4	+10°	LOMT14...
TFHLO14-7100-32	7	2	100	77	32	50	17	14.4	+10°	LOMT14...
TFHLO14-8125-40	8	2	125	102	40	55	55	16.4	+10°	LOMT14...
TFHLO14-10160-40	10	2	160	137	40	55	90	16.4	+10°	LOMT14...

刀片相关信息请参照第M6-05页

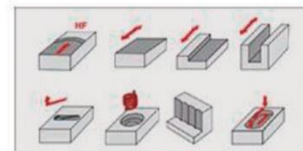
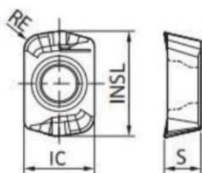
LPGT010210

2刀单面快进给铣刀片

High Feed Face Mill Inserts

LPGT01系列

LPGT01 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/宽度	S/厚度	RE/圆角	APMX/最大切深	INSL/高度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
LPGT010210-GM	4.19	2.19	1.0	0.5	6.26	TSA-18040-1	TWA-T6	○	○

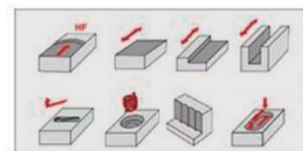
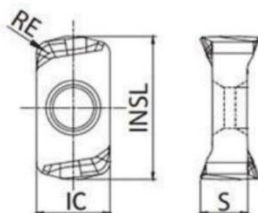
○ 开发中

LOGT030310

4刀双面快进给铣刀片

High Feed Face Mill Inserts

LOGT03 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/宽度	S/厚度	RE/圆角	APMX/最大切深	INSL/高度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
LOGT030310-GM	6.2	3.96	1.0	1	11.9	TSA-30064-1	TWA-T8	○	○

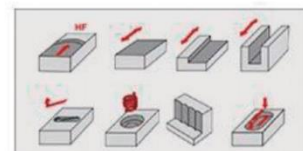
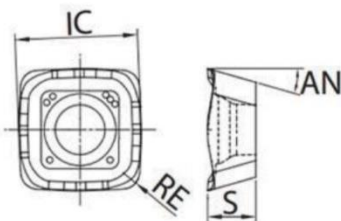
○ 开发中

LOMT10/14

4刀单面快进给铣刀片

High Feed Face Mill Inserts

LOMT10/14 Series



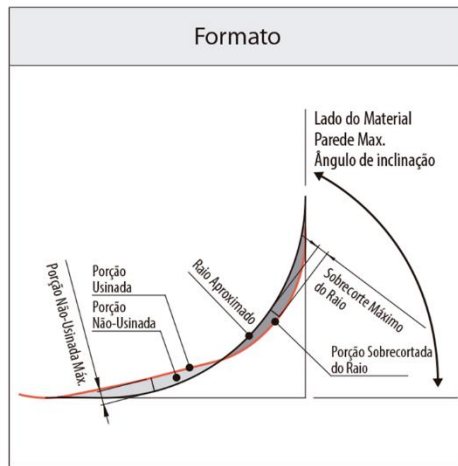
Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	AN/后角	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
LOMT100420-GM	10.30	4.58	2.0	1.5	16°	TSA-40100-1	TWA-T15	○	○
LOMT140520-GM	14.14	5.56	2.0	2.0	16°	TSA-50120-1	TWA-T20	○	○

○ 开发中

刀盘相关信息请参照第M6-03, M6-04页

锁牙铣刀头、铣刀杆相关信息请参照第M6-01, M6-02, M6-03, M6-04页

Programa Aproximado de Ajuste do Raio



LPGT01			LOGT03		
Raio do Programa (mm)	Sobrecorte Máximo do Raio (mm)	Porção Máxima Não Usinada (mm)	Raio do Programa (mm)	Sobrecorte Máximo do Raio (mm)	Porção Máxima Não Usinada (mm)
R1.0	0	0.21	R1.6 (Recomendado)	0	0.39
R1.2 (Recomendado)	0	0.17	R2.0	0.09	0.35
R1.5	0.08	0.1	R2.5	0.26	0.26
R2.0	0.28	0.01	R3.0	0.46	0.17

*O Ângulo de Corte para MFH Micro/MFH Mini é 12° O Ângulo de Inclinação Max. da Parede Lateral é 90°

LOMT						
Descrição	Inserto	Ângulo da Aresta de Corte γ	Raio do Programa (mm) (Recomendado)	Sobrecorte Máximo do Raio (mm)	Porção Máxima Não Usinada (mm)	Ângulo de Inclinação da Parede Max.
LOMT10		10°	R3.0	0	0.85	90°
		14°	R3.5	0	0.69	65°
		14°	R3.0	0	0.89	80°
LOMT14		10°	R3.5	0	1.37	90°
		16°	R5.0	0	1.06	65°
		13°	R3.0	0	1.36	80°

Dados de Referência para Rampa

Descrição	Diâm. de Corte DCX (mm)	8	10	12	14	16
LPGT01	Ângulo da Rampa Máx. RMPX	4°	3°	2°	1.5°	1.2°
	tan RMPX	0.070	0.052	0.035	0.026	0.021

Descrição	Diâm. de Corte DCX (mm)	16	17	18	20	22	25	28	32	40	50
LOGT03	Ângulo da Rampa Máx. RMPX	2.8°	2.5°	2.1°	1.7°	1.4°	1.2°	1°	0.8°	0.5°	0.4°
	tan RMPX	0.049	0.042	0.037	0.030	0.024	0.021	0.017	0.014	0.009	0.007

Descrição	Diâm. de Corte DCX (mm)	25	28	32	35	40	50	63	80
LOMT10	Ângulo da Rampa Máx. RMPX	5°	4.5°	4°	3.5°	3°	2.5°	2°	1°
	tan RMPX	0.087	0.078	0.070	0.061	0.052	0.043	0.035	0.017

Descrição	Diâm. de Corte DCX (mm)	50	63	80	100	125	160
LOMT14	Ângulo da Rampa Máx. RMPX	2°	1.8°	1°	0.5°	0.4°	0.2°
	tan RMPX	0.035	0.031	0.017	0.009	0.007	0.003

LPGT01 | Condições de Corte Recomendadas ★1ª Recomendação ☆2ª Recomendação

Inserto	Material	Descrição do Suporte e Taxa de Avanço (Avanço Recomendado fz: mm/t)ap = 0.3 mm (valores de referência)					Classe Recomendada (Vc: m/min)		
		D08 -1T	D10 -2T	D12 -3T	D14 -3T	D16 -4T	MEGACOAT NANO		Metal Duro CVD
							CT3580G1	CT3590G1	CT3570G1
	Aço Carbono (SxxC)	0.2 – 0.4 – 0.6			0.2 – 0.5 – 0.8		★ 120 – 180 – 250	☆ 120 – 180 – 250	–
	Ligas de Aço (SCM)						★ 100 – 160 – 220	☆ 100 – 160 – 220	–
	Aço Molde (SKD)(40~50HRC)	0.2 – 0.25 – 0.3			0.2 – 0.25 – 0.4		★ 60 – 100 – 130	☆ 60 – 100 – 130	–
	Aço Inox Austenítico (SUS304)	0.2 – 0.3 – 0.5			0.2 – 0.4 – 0.6		☆ 100 – 160 – 200	★ 100 – 160 – 200	–
	Ferro Fundido Cinzento (FC)	0.2 – 0.4 – 0.6			0.2 – 0.5 – 0.8		★ 120 – 180 – 250	–	–
	Ligas Resistentes a Temperatura a base de Ni - (Inconel®, etc.)	0.2 – 0.25 – 0.3			0.2 – 0.25 – 0.4		–	☆ 20 – 30 – 50	★ 20 – 30 – 50

É recomendada uso de refrigerante para Ligas Resistentes a Temperatura à base de Ni e Ligas de Titânio

Os números em negrito indicam as condições iniciais recomendadas. Ajustar a velocidade de corte e a taxa de avanço nas condições acima descritas, de acordo com a situação de usinagem real

É recomendado refrigerante interno para aplicações de fresamento de canais

LOGT03 | Condições de Corte Recomendadas ★1ª Recomendação ☆2ª Recomendação

Inserto	Material	Descrição do Suporte e Taxa de Avanço (fz: mm/t) Avanço Recomendado ap = 0.5 mm(valores de referência)								Classe Recomendada (Vc: m/min)		
		D16 -2T	D20 -3T	D20 - 4T	D25 -4T	D25 -5T	D32 -5T	D32 -6T	D50> -8T	MEGACOAT NANO		
										CT3580G1	CT3590G1	CT3570G1
	Aço Carbono (SxxC)	0.2 - 0.7 - 1.2		0.2 - 0.5 - 0.8	0.2 - 0.8 - 1.5	0.2 - 0.5 - 0.8	0.2 - 0.8 - 1.5	0.2 - 0.5 - 0.8	0.2 - 0.5 - 0.8	☆ 120 - 180 - 250	★ 120 - 180 - 250	-
	Ligas de Aço (SCM)									☆ 100 - 160 - 220	★ 100 - 160 - 220	-
	Aço Molde (40~50HRC) (SKD)	0.2 - 0.3 - 0.5	0.2 - 0.25 - 0.3	0.2 - 0.3 - 0.6	0.2 - 0.25 - 0.3	0.2 - 0.3 - 0.6	0.2 - 0.25 - 0.3	0.2 - 0.25 - 0.3	-	☆ 60 - 100 - 130	-	
	Aço Inox Austenítico (SUS304)	0.2 - 0.5 - 0.9	0.2 - 0.4 - 0.6	0.2 - 0.6 - 1.2	0.2 - 0.4 - 0.6	0.2 - 0.6 - 1.2	0.2 - 0.4 - 0.6	0.2 - 0.4 - 0.6	0.2 - 0.4 - 0.6	GM★ 100 - 160 - 200	GM☆ 100 - 160 - 200	-
	Ferro Fundido Cinzento (FC)	0.2 - 0.7 - 1.2	0.2 - 0.5 - 0.8	0.2 - 0.8 - 1.5	0.2 - 0.5 - 0.8	0.2 - 0.8 - 1.5	0.2 - 0.5 - 0.8	0.2 - 0.5 - 0.8	0.2 - 0.5 - 0.8	-	-	★ 120 - 180 - 250
	Ligas Resistentes a Temperatura a base de Ni	0.2 - 0.3 - 0.6	0.2 - 0.25 - 0.4	0.2 - 0.4 - 0.8	0.2 - 0.25 - 0.4	0.2 - 0.4 - 0.8	0.2 - 0.25 - 0.4	0.2 - 0.25 - 0.4	0.2 - 0.25 - 0.4	0.2 - 0.25 - 0.4	☆ 20 - 30 - 50	-

LOMT 10/14 | Condições de Corte Recomendadas ★1ª Recomendação ☆2ª Recomendação

Inserto	Material	Descrição do Suporte e Taxa de Avanço (fz: mm/t)					Classe Recomendada (Vc: m/min)		
		D25-	D32-	D40-	D50> LOMT10	D50> LOMT14	MEGACOAT NANO		
							CT3580G1	CT3590G1	CT3570G1
	Aço Carbono (SxxC)	0.5 - 0.8 - 1.0 (ap ≤ 1.0mm) 0.2 - 0.4 - 0.5 (ap ≤ 1.5mm)	0.5 - 1.0 - 1.5 (ap ≤ 1.0mm) 0.3 - 0.7 - 1.0 (ap ≤ 1.5mm)	0.5 - 1.2 - 1.8 (ap ≤ 1.0mm) 0.4 - 1.0 - 1.5 (ap ≤ 1.5mm)	0.5 - 1.5 - 2.0		☆ 120 - 180 - 250	★ 120 - 180 - 250	-
	Ligas de Aço (SCM)	0.5 - 0.8 - 1.0 (ap ≤ 1.0mm) 0.2 - 0.4 - 0.5 (ap ≤ 1.5mm)	0.5 - 1.0 - 1.5 (ap ≤ 1.0mm) 0.3 - 0.7 - 1.0 (ap ≤ 1.5mm)	0.5 - 1.2 - 1.8 (ap ≤ 1.0mm) 0.4 - 1.0 - 1.5 (ap ≤ 1.5mm)	0.5 - 1.5 - 2.0		☆ 100 - 160 - 220	★ 100 - 160 - 220	-
	Aço Molde (40~50HRC) (SKD)	0.15 - 0.3 - 0.5 (ap ≤ 1.0mm) 0.15 - 0.2 - 0.25 (ap ≤ 1.5mm)	0.2 - 0.5 - 0.8 (ap ≤ 1.0mm) 0.2 - 0.3 - 0.45 (ap ≤ 1.5mm)	0.2 - 0.6 - 0.9 (ap ≤ 1.0mm) 0.2 - 0.5 - 0.7 (ap ≤ 1.5mm)	0.2 - 0.7 - 1.0		-	☆ 60 - 100 - 130	-
	Aço Inox Austenítico (SUS304)	0.5 - 0.7 - 0.8 (ap ≤ 1.0mm) 0.2 - 0.3 - 0.4 (ap ≤ 1.5mm)	0.5 - 0.8 - 1.2 (ap ≤ 1.0mm) 0.3 - 0.6 - 0.8 (ap ≤ 1.5mm)	0.5 - 1.0 - 1.6 (ap ≤ 1.0mm) 0.4 - 0.8 - 1.2 (ap ≤ 1.5mm)	0.5 - 1.2 - 1.8		GM☆ 100 - 160 - 200	GM☆ 100 - 160 - 200	-
	Ferro Fundido Cinzento (FC)	0.5 - 0.8 - 1.0 (ap ≤ 1.0mm) 0.2 - 0.4 - 0.5 (ap ≤ 1.5mm)	0.5 - 1.0 - 1.5 (ap ≤ 1.0mm) 0.3 - 0.7 - 1.0 (ap ≤ 1.5mm)	0.5 - 1.2 - 1.8 (ap ≤ 1.0mm) 0.4 - 1.0 - 1.5 (ap ≤ 1.5mm)	0.5 - 1.5 - 2.0		-	-	★ 120 - 180 - 250
	Ligas Resistentes a Temperatura a base de Ni	0.2 - 0.4 - 0.6 (ap ≤ 1.0mm) 0.15 - 0.2 - 0.3 (ap ≤ 1.5mm)	0.2 - 0.5 - 0.9 (ap ≤ 1.0mm) 0.2 - 0.4 - 0.6 (ap ≤ 1.5mm)	0.2 - 0.6 - 1.0 (ap ≤ 1.0mm) 0.2 - 0.5 - 0.8 (ap ≤ 1.5mm)	0.2 - 0.8 - 1.2		☆ 20 - 30 - 50	-	-

铣削系列
MILLING TOOLS SERIES

ANKX04 / ANKX06

真正90度的方肩加工效果
大角度刃口设计，切削阻力少
斜坡加工时做到大角度加工



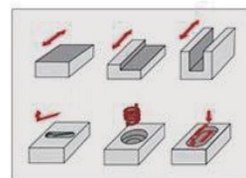
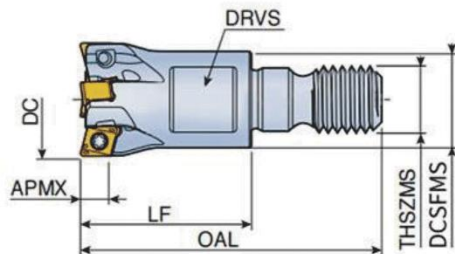
CARBTECH EXPERT MILLING

TM90AN04

4刃双面刀片大切深清角锁牙铣刀头

High Ramping Modular Heads

ANKX04 Series



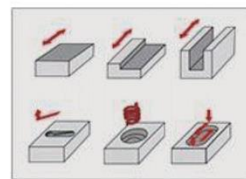
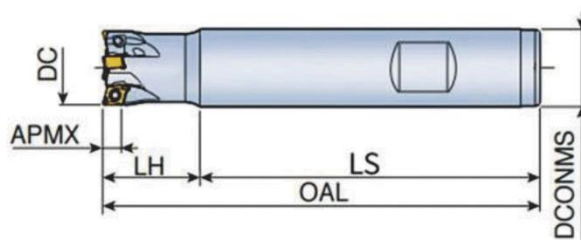
Designation 型号	CICT 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TM904N04-108-M04	1	3.5	8	8	7.8	28	17	7	M4xP0.7	ANKX04...
TM904N04-109-M04	1	3.5	9	9	7.8	28	17	7	M4xP0.7	ANKX04...
TM904N04-210-M05	2	3.5	10	10	9	29	17	7	M5xP0.8	ANKX04...
TM904N04-211-M05	2	3.5	11	11	9	29	17	7	M5xP0.8	ANKX04...
TM904N04-312-M06	3	3.5	12	12	11	32	17	9	M6xP1.0	ANKX04...
TM904N04-313-M06	3	3.5	13	13	11	32	17	9	M6xP1.0	ANKX04...
TM904N04-314-M06	3	3.5	14	14	13	32	17	10	M6xP1.0	ANKX04...
TM904N04-315-M06	3	3.5	15	15	13	32	17	10	M6xP1.0	ANKX04...
TM904N04-314-M08	3	3.5	14	14	13	34.5	17	10	M8xP1.25	ANKX04...
TM904N04-315-M08	3	3.5	15	15	13	34.5	17	10	M8xP1.25	ANKX04...
TM904N04-416-M08	4	3.5	16	16	15	43	25	12	M8xP1.25	ANKX04...
TM904N04-417-M08	4	3.5	17	17	15	43	25	12	M8xP1.25	ANKX04...

TE90AN04

4刃双面刀片大切深清角铣刀杆

High Ramping End Mills

ANKX04 Series



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS	
TE904N04-107-10-80	1	3.5	7	7	10	80	15	65	ANKX04...
TE904N04-108-10-80	1	3.5	8	8	10	80	17	63	ANKX04...
TE904N04-109-10-80	1	3.5	9	9	10	80	19	61	ANKX04...
TE904N04-210-10-80	2	3.5	10	10	10	80	22	58	ANKX04...
TE904N04-211-10-80	2	3.5	11	11	10	80	11	69	ANKX04...
TE904N04-312-12-80	3	3.5	12	12	12	80	26	54	ANKX04...
TE904N04-313-12-80	3	3.5	13	13	12	80	13	67	ANKX04...
TE904N04-314-14-100	3	3.5	14	14	14	100	30	70	ANKX04...
TE904N04-315-14-100	3	3.5	15	15	14	100	15	85	ANKX04...
TE904N04-416-16-120	4	3.5	16	16	16	120	35	85	ANKX04...
TE904N04-417-16-120	4	3.5	17	17	16	120	17	103	ANKX04...

刀片相关信息请参照第M3-03页

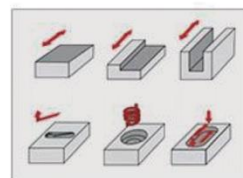
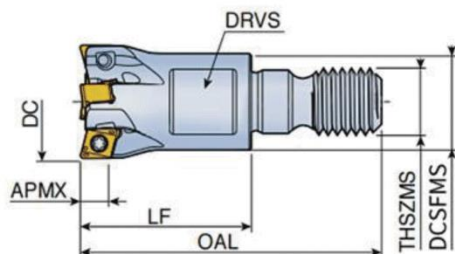
切削参数请参照第M3-04页

TM90AN06

4刃双面刀片大切深清角锁牙铣刀头

High Ramping Modular Heads

ANKX06 Series



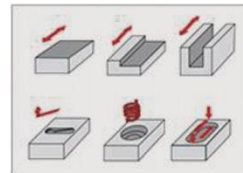
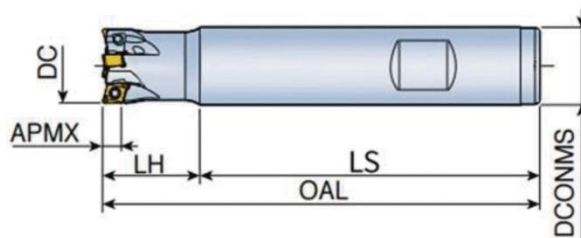
Designation 型号	CIC 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS		
TM904N06-216-M08	2	6	16	16	15	43	25.5	12	M8xP1.25	ANKX06...
TM904N06-217-M08	2	6	17	17	15	43	25.5	12	M8xP1.25	ANKX06...
TM904N06-320-M10	3	6	20	20	19	49	29	15	M10xP1.5	ANKX06...
TM904N06-321-M10	3	6	21	21	19	49	29	15	M10xP1.5	ANKX06...
TM904N06-425-M12	4	6	25	25	24	57	35	19	M12xP1.75	ANKX06...
TM904N06-426-M12	4	6	26	26	24	57	35	19	M12xP1.75	ANKX06...
TM904N06-532-M16	5	6	32	32	31	63	38	24	M16xP2.0	ANKX06...
TM904N06-533-M16	5	6	33	33	31	63	37	24	M16xP2.0	ANKX06...

TE90AN06

4刃双面刀片大切深清角铣刀杆

High Ramping End Mills

ANKX06 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS	
TE904N06-216-16-120	2	6	16	16	16	120	35	85	ANKX06...
TE904N06-216-16-160	2	6	16	16	16	160	35	125	ANKX06...
TE904N06-217-16-160	2	6	17	17	16	160	17	143	ANKX06...
TE904N06-217-16-200	2	6	17	17	16	200	17	183	ANKX06...
TE904N06-320-20-120	3	6	20	20	20	120	44	79	ANKX06...
TE904N06-320-20-160	3	6	20	20	20	160	44	116	ANKX06...
TE904N06-321-20-160	3	6	21	21	20	160	21	139	ANKX06...
TE904N06-321-20-200	3	6	21	21	20	200	21	179	ANKX06...
TE904N06-425-25-120	4	6	25	25	25	120	55	65	ANKX06...
TE904N06-425-25-160	4	6	25	25	25	160	55	105	ANKX06...
TE904N06-425-25-200	4	6	25	25	25	200	55	145	ANKX06...
TE904N06-426-25-160	4	6	26	26	25	160	26	134	ANKX06...
TE904N06-426-25-200	4	6	26	26	25	200	26	174	ANKX06...
TE904N06-532-32-160	5	6	32	32	32	160	70	90	ANKX06...
TE904N06-532-32-200	5	6	32	32	32	200	70	130	ANKX06...
TE904N06-533-32-160	5	6	33	33	32	160	33	127	ANKX06...
TE904N06-533-32-200	5	6	33	33	32	200	33	167	ANKX06...

刀片相关信息请参照第M3-03页

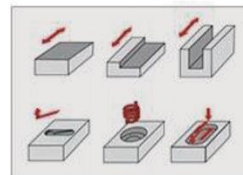
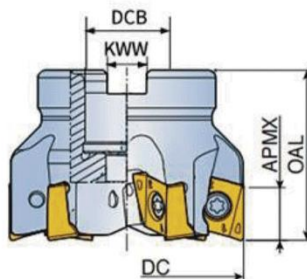
切削参数请参照第M3-04页

TF90AN06

4刃双面刀片大切深清角铣刀盘

High Ramping Face Mills

ANKX06 Series



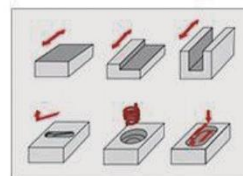
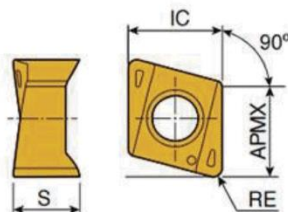
Designation 型号	CICT 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCB	OAL	KWW	Type	
TF904N06-535-16	5	6	35	35	16	40	8.4	A	ANKX06...
TF904N06-640-16	6	6	40	40	16	40	8.4	A	ANKX06...
TF904N06-650-22	6	6	50	50	22	40	10.4	A	ANKX06...
TF904N06-863-22	8	6	63	63	22	40	10.4	A	ANKX06...
TF904N06-1080-27	10	6	80	80	27	50	12.4	A	ANKX06...

ANKX040204

4刃双面清角铣刀片

High Ramping Mill Inserts

ANKX06 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Angle/角度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
ANKX04024R-M	4.0	3.1	0.4	3.5	90°	TSA-18040-1	TWA-T6	○	○

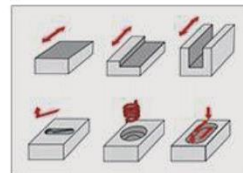
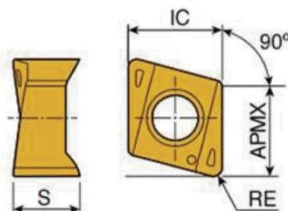
○ 开发中

ANKX060308

4刃双面清角铣刀片

High Ramping Mill Inserts

ANKX06 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Angle/角度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
ANKX060308R-M	6.6	4.67	0.8	6	90°	TSA-30070-1	TWA-T8	○	○

○ 开发中

刀盘相关信息请参照第M3-03页

锁牙铣刀头、铣刀杆相关信息请参照第M3-01, M3-02页

ANKX040204/ANKX060308

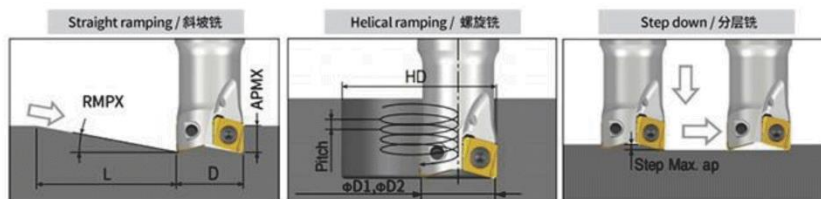
4刃双面清角铣刀片

High Ramping Mill Inserts

ANKX04/06 Series

切削参数 / Cutting Conditions

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	AN04	AN06
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-250	0.05 - 0.1	0.07 - 0.15
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-220	0.05 - 0.1	0.07 - 0.15
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-180	0.05 - 0.1	0.07 - 0.15
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-250	0.05 - 0.1	0.07 - 0.15
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-300	0.05 - 0.1	0.07 - 0.15
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-200	0.05 - 0.1	0.07 - 0.15
S	钛合金 Ti-6Al-4V ...	-40HRC	40-80	0.05 - 0.08	0.05 - 0.1
	耐热合金 Inconel, Hastelloy...	-40HRC	30-70	0.05 - 0.08	0.05 - 0.1
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	40-50HRC	0.05 - 0.08	0.05 - 0.1
		SKD11 ... X153CrMoV12...	50-60HRC	0.05 - 0.08	0.05 - 0.1



ANKX040204

型号	DCX	APMX 最大切深	RMPX 最大斜坡铣角度	Step Max.ap 最大分层铣深度	D1(HD) 最小加工孔径	D2(HD) 最大加工孔径	MAX Pich/rev 最大轴向切深
TE904N04-107-10...	7	3.5	3.5°	0.4	7.9	14	0.2/2.5
TE904N04-108-10...	8	3.5	3.7°	0.4	9.9	16	0.3/2.8
TE904N04-109-10...	9	3.5	3.9°	0.4	11.9	18	0.5/2.0
TE904N04-210-10...	10	3.5	4.2°	0.5	13.9	20	0.8/2.0
TE904N04-211-10...	11	3.5	4.8°	0.6	15.9	22	1.1/2.5
TE904N04-312-12...	12	3.5	4.5°	0.7	17.9	24	1.2/2.5
TE904N04-313-12...	13	3.5	4.7°	0.8	19.9	26	1.5/2.9
TE904N04-314-14...	14	3.5	4.5°	0.9	21.9	28	1.6/3.0
TE904N04-415-14...	15	3.5	4.3°	0.9	23.9	30	1.8/3.1
TE904N04-416-16...	16	3.5	4.1°	0.9	25.9	32	1.9/3.1
TE904N04-417-16...	17	3.5	3.9°	0.9	27.9	34	1.8/3.0

ANKX060308

型号	DCX	APMX 最大切深	RMPX 最大斜坡铣角度	Step Max.ap 最大分层铣深度	D1(HD) 最小加工孔径	D2(HD) 最大加工孔径	MAX Pich/rev 最大轴向切深
TE904N06-216-16...	16	6	3.5°	0.7	21.5	32.0	0.8/2.5
TE904N06-218-16...	18	6	4.0°	0.9	25.5	36.0	1.3/3.2
TE904N06-320-20...	20	6	4.2°	1.0	29.5	40.0	1.8/3.7
TE904N06-425-25...	25	6	4.9°	1.5	39.5	50.0	3.1/5.4
TE904N06-532-32...	32	6	3.5°	1.5	53.5	64.0	3.3/4.9
TF904N06-640...	40	6	2.6°	1.5	69.5	80.0	3.4/4.6
TF904N06-650...	50	6	2.0°	1.5	89.5	100.0	3.5/4.4
TF904N06-863...	63	6	1.5°	1.5	115.5	126.0	3.5/4.1
TF904N06-1080...	80	6	1.0°	1.5	149.5	160.0	3.0/3.5

产品的特点: 1. 斜坡加工时可以做到大角度加工。2. 大角度刃口设计, 切削阻力减少, 加工轻快。
3. 真正90度的方肩加工效果, 也适用于多场景加工



铣削系列 MILLING TOOLS SERIES

**WNMX06 / WNMX08
KNEX08**



锋利切削刃做到低阻力
刀片厚度保证抗崩性好
方肩面铣插铣样样精通
抗震力强保障长悬深加工

CARBTECH EXPERT MILLING

TE90WN04

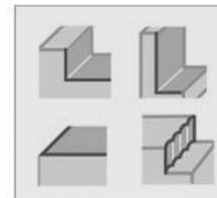
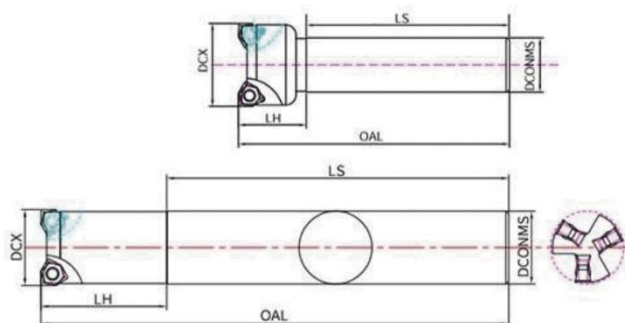
6刃双面低阻力清角铣刀杆

Low Resistance End Mill Cutter

LNMT04 Series



车铣复合机床
专用刀杆



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS	
TE90WN04-216-16-80-MT	2	4	16	16	16	80	20	60	WNMX04....
TE90WN04-217-16-80-MT	2	4	17	17	16	80	20	60	WNMX04....
TE90WN04-218-16-80-MT	2	4	18	18	16	80	20	60	WNMX04....
TE90WN04-219-16-80-MT	2	4	19	19	16	80	20	60	WNMX04....
TE90WN04-320-16-80-MT	3	4	20	20	16	80	20	60	WNMX04....
TE90WN04-321-32-80-MT	3	4	21	21	16	80	20	60	WNMX04....
TE90WN04-322-16-80-MT	3	4	22	22	16	80	20	60	WNMX04....
TE90WN04-323-16-80-MT	3	4	23	23	16	80	20	60	WNMX04....
TE90WN04-324-16-80-MT	3	4	24	24	16	80	20	60	WNMX04....
TE90WN04-325-16-80-MT	3	4	25	25	16	80	20	60	WNMX04....
TE90WN04-326-16-80-MT	3	4	26	26	16	80	20	60	WNMX04....
TE90WN04-428-16-80-MT	4	4	28	28	16	80	20	60	WNMX04....
TE90WN04-430-16-80-MT	4	4	30	30	16	80	20	60	WNMX04....
TE90WN04-432-16-80-MT	4	4	32	32	16	80	20	60	WNMX04....
TE90WN04-535-16-80-MT	5	4	35	35	16	80	20	60	WNMX04....
TE90WN04-540-16-80-MT	5	4	40	40	16	80	20	60	WNMX04....
TE90WN04-216-16-120	2	4	16	16	16	120	35	85	WNMX04....
TE90WN04-216-16-160	2	4	16	16	16	160	35	125	WNMX04....
TE90WN04-216-16-200	2	4	16	16	16	200	35	165	WNMX04....
TE90WN04-217-16-120	2	4	17	17	16	120	17	103	WNMX04....
TE90WN04-217-16-160	2	4	17	17	16	160	17	143	WNMX04....
TE90WN04-217-16-200	2	4	17	17	16	200	22	178	WNMX04....
TE90WN04-320-20-120	3	4	20	20	20	120	44	76	WNMX04....
TE90WN04-320-20-160	3	4	20	20	20	160	44	116	WNMX04....
TE90WN04-320-20-200	3	4	20	20	20	200	44	156	WNMX04....
TE90WN04-321-20-120	3	4	21	21	20	120	21	99	WNMX04....
TE90WN04-321-20-160	3	4	21	21	20	160	21	139	WNMX04....
TE90WN04-321-20-200	3	4	21	21	20	200	22	178	WNMX04....
TE90WN04-325-25-120	3	4	25	25	25	120	55	65	WNMX04....
TE90WN04-325-25-160	3	4	25	25	25	160	55	105	WNMX04....
TE90WN04-325-25-200	3	4	25	25	25	200	55	145	WNMX04....
TE90WN04-326-25-120	3	4	26	26	25	120	26	94	WNMX04....
TE90WN04-326-25-160	3	4	26	26	25	160	26	134	WNMX04....
TE90WN04-326-25-200	3	4	26	26	25	200	26	174	WNMX04....
TE90WN04-432-32-120	4	4	32	32	32	120	64	56	WNMX04....
TE90WN04-432-32-160	4	4	32	32	32	160	70	96	WNMX04....
TE90WN04-432-32-200	4	4	32	32	32	200	70	130	WNMX04....
TE90WN04-433-32-120	4	4	33	33	32	120	33	87	WNMX04....
TE90WN04-433-32-160	4	4	33	33	32	160	33	127	WNMX04....
TE90WN04-433-32-200	4	4	33	33	32	200	33	167	WNMX04....

刀杆型号加MT后缀的刀杆为车铣复合机床专用刀杆

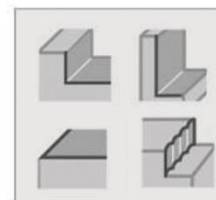
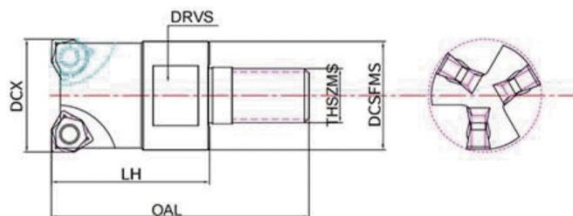
刀片相关信息请参照第M2-1-02页

TM90WN04

6刃双面低阻力清角锁牙头

Low Resistance Modular Head

WNMX04 Series



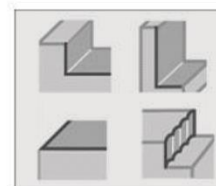
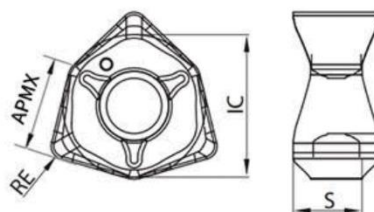
Designation 型号	CIC 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LH	DRVS		
TM90WN04-216-M08	2	4	16	16	15	43	25	12	M8xP1.25	WNMX04....
TM90WN04-217-M08	2	4	17	17	15	43	25	12	M8xP1.25	WNMX04....
TM90WN04-320-M10	3	4	20	20	19	49	29	15	M10xP1.5	WNMX04....
TM90WN04-321-M10	3	4	21	21	19	49	29	15	M10xP1.5	WNMX04....
TM90WN04-325-M12	3	4	25	25	24	57	35	19	M12xP1.75	WNMX04....
TM90WN04-326-M12	3	4	26	26	24	57	35	19	M12xP1.75	WNMX04....
TM90WN04-432-M16	4	4	32	32	31	63	38	24	M16xP2.0	WNMX04....
TM90WN04-433-M16	4	4	33	33	31	63	38	24	M16xP2.0	WNMX04....
TM90WN04-435-M16	4	4	35	35	31	63	38	24	M16xP2.0	WNMX04....

WNMX04/06

6刃双面低阻力清角铣刀片

Low Resistance Milling Inserts

WNMX04/06 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
WNMX040304-GM	6.70	3.31	0.4	4	TSA-25060-1	TWA-T8	○	○
WNMX060408-GM	11.66	4	0.8	6	TSA-35100-1	TWA-T15	○	○

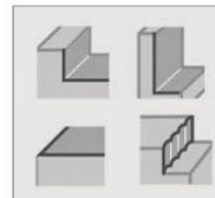
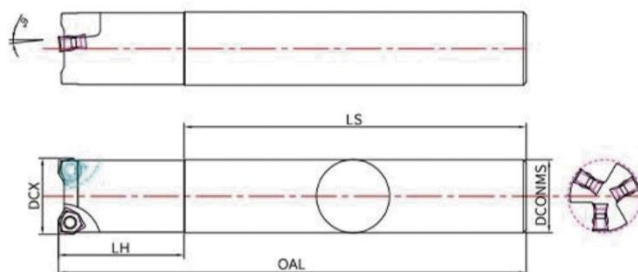
○ 开发中

TE90WN06

6刃双面低阻力清角铣刀杆

Low Resistance End Mill Cutter

WNMX06 Series



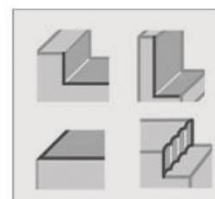
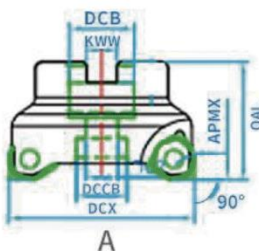
Designation 型号	CICT 齿数	Dimension (mm)/尺寸							INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS	
TE90WN06-225-25-120	2	6	25	25	25	120	55	65	WNMX06....
TE90WN06-225-25-160	2	6	25	25	25	160	55	105	WNMX06....
TE90WN06-225-25-200	2	6	25	25	25	200	55	145	WNMX06....
TE90WN06-226-25-160	2	6	26	26	25	160	26	134	WNMX06....
TE90WN06-226-25-200	2	6	26	26	25	200	26	174	WNMX06....
TE90WN06-332-32-160	3	6	32	32	32	160	70	90	WNMX06....
TE90WN06-332-32-200	3	6	32	32	32	200	70	130	WNMX06....
TE90WN06-333-32-160	3	6	33	33	32	160	33	127	WNMX06....
TE90WN06-333-32-200	3	6	33	33	32	200	33	167	WNMX06....

TF90WN06

6刃双面低阻力清角铣刀盘

Low Resistance Milling Cutter

WNMX06 Series



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DCX	DCB	OAL	DCCB	KWW	TYPE		
TF90WN06-440-16	4	6	40	16	40	14	8.4	A	90°	WNMX06....
TF90WN06-550-22	5	6	50	22	40	17	10.4	A	90°	WNMX06....
TF90WN06-663-22	6	6	63	22	40	17	10.4	A	90°	WNMX06....
TF90WN06-880-27	8	6	80	27	50	34	12.4	A	90°	WNMX06....

刀片相关信息请参照第M2-1-02页

TF90WN08

6刃双面刀片90度低阻力面铣刀盘

Low Resistance Face Mills

WNMX08 Series

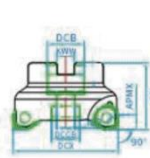


Fig.1

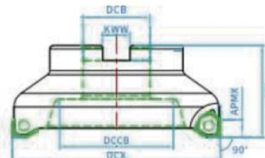


Fig.2

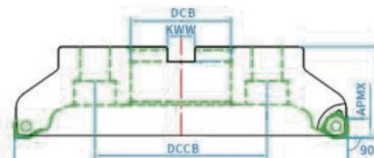
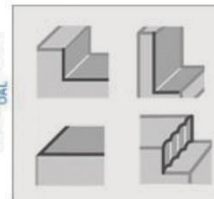


Fig.3



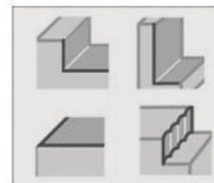
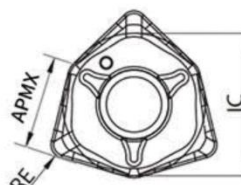
Designation 型号	CIC 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DCX	KWW	DCB	OAL	DCCB	Type		
TF90WN08-563-22	5	8	63	10.4	22	40	17	Fig.1	90°	WNMX05...
TF90WN08-680-27	6	8	80	12.4	27	50	34	Fig.1	90°	WNMX05...
TF90WN08-7100-32	7	8	100	14.4	32	50	42	Fig.1	90°	WNMX05...
TF90WN08-8125-40	8	8	125	16.4	40	63	-	Fig.2	90°	WNMX05...
TF90WN08-10160-40	10	8	160	16.4	40	63	-	Fig.2	90°	WNMX05...
TF90WN08-12200-60	12	8	200	25.7	60	63	101.6	Fig.3	90°	WNMX05...
TF90WN08-14250-60	14	8	250	25.7	60	63	101.6	Fig.3	90°	WNMX05...

WNMX080608

6刃双面低阻力清角铣刀片

Low Resistance Face Mill Inserts

WNMX08 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
WNMX080608-GM	14.0	6.7	0.8	8	TSA-50120-1	TWA-T15	○	○

可插铣，最大横切深 (ae) 8mm

刀盘相关信息请参照第M2-02页

○ 开发中

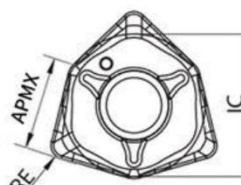
WNMX060408

6刃双面低阻力清角铣刀片

Low Resistance Face Mill Inserts

WNMU05系列

WNMU05 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
WNMX060408-GM	11.66	4	0.8	6	TSA-35100-1	TWA-T15	○	○

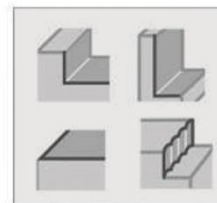
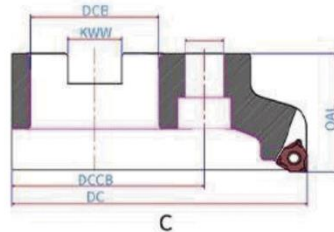
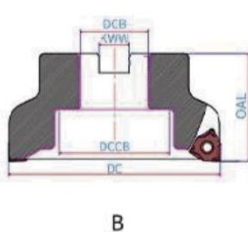
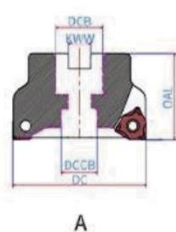
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TF90KN08

6刃双面低阻力清角铣刀盘

Low Resistance Milling Cutter

KNEX08 Series



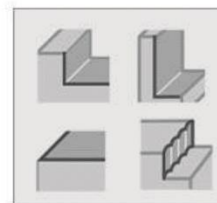
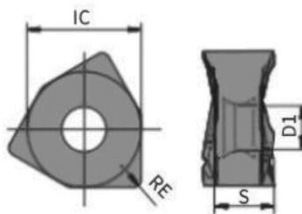
Designation 型号	CICP 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF90KN08-450-22	4	7.3	50	22	40	17	10.4	A	90°	KNEX08...
TF90KN08-563-22	5	7.3	63	22	40	17	10.4	A	90°	KNEX08...
TF90KN08-680-27	6	7.3	80	27	50	34	12.4	A	90°	KNEX08...
TF90KN08-7100-32	7	7.3	100	32	50	42	14.4	A	90°	KNEX08...
TF90KN08-8125-40	8	7.3	125	40	55	50	16.4	B	90°	KNEX08...
TF90KN08-10160-40	10	7.3	160	40	55	80	16.4	B	90°	KNEX08...
TF90KN08-12200-60	12	7.3	200	60	55	101.6	25.8	C	90°	KNEX08...
TF90KN08-14250-60	14	7.3	250	60	55	101.6	25.8	C	90°	KNEX08...

KNEX0806

6刃双面低阻力清角铣刀片

Milling Inserts

KNEX08 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	D1/螺丝孔径	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
KNEX080608-GM	12	6.35	0.8	7.3	4.60	TSA-40100-1	TWA-T15	○	○

○ 开发中

刀片相关信息请参照第M2-2-01页

刀盘相关信息请参照第M2-2-01页

WNMX080608/KNEX080608

6刃双面低阻力铣刀片

Low Resistance Face Mill Inserts

WNMX08 Series

切削参数 / Cutting Conditions

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	fz (mm/t)/每齿进给量
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-250	0.1-0.3
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-220	0.1-0.3
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-180	0.1-0.25
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-250	0.1-0.25
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-250	0.1-0.3
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-200	0.1-0.3
S	钛合金 Ti-6Al-4V ...	-40HRC	20-50	0.1-0.2
	耐热合金 Inconel, Hastelloy...	-40HRC	20-50	0.1-0.2
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.1-0.2
		SKD11 ... X153CrMoV12...	50-70	0.1-0.2

斜降、螺旋加工时，被切削工件与刀片后角面发生干涉，故无法加工。

可插铣，最大横切深 (ae) 8mm

WNMX060408

6刃双面低阻力铣刀片

Low Resistance Face Mill Inserts

WNMX08 Series

切削参数 / Cutting Conditions

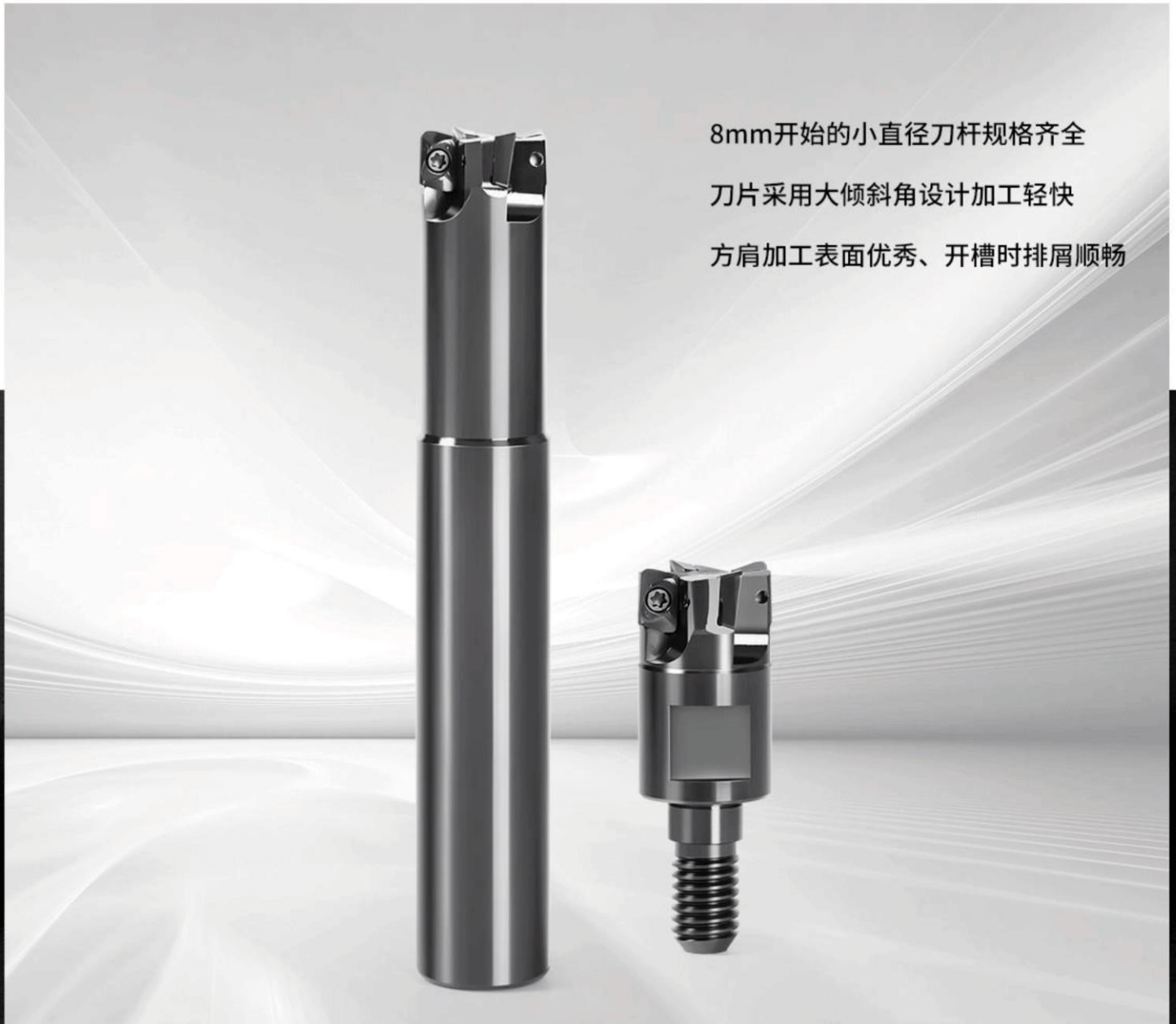
ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	fz (mm/t)/每齿进给量
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-250	0.1-0.25
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-220	0.1-0.2
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-180	0.1-0.2
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-250	0.1-0.2
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-250	0.1-0.25
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-200	0.1-0.2
S	钛合金 Ti-6Al-4V ...	-40HRC	20-50	0.1-0.2
	耐热合金 Inconel, Hastelloy...	-40HRC	20-50	0.1-0.2
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.1-0.2
		SKD11 ... X153CrMoV12...	50-70	0.1-0.2

斜降、螺旋加工时，被切削工件与刀片后角面发生干涉，故无法加工。

可插铣，最大横切深 (ae) 5mm

铣削系列
MILLING TOOLS SERIES

JDMT070204



8mm开始的小直径刀杆规格齐全
刀片采用大倾斜角设计加工轻快
方肩加工表面优秀、开槽时排屑顺畅

CARBTECH EXPERT MILLING

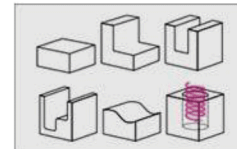
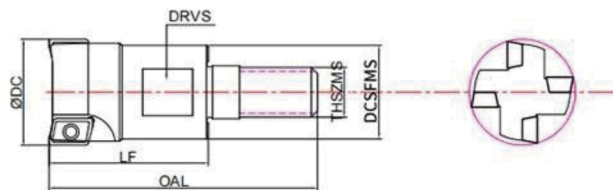
TM90JD07

2刃单面刀片清角锁牙铣刀头

Modular heads

JDMT07系列

JDMT07 Series



Designation 型号	CIC T 齿数	Dimension (mm)/尺寸							THSZMS 螺纹规格	Angel 角度	INSERT 刀片
		APMX	DCX	DC	DCSFMS	OAL	LF	DRVS			
TM90JD07-108-M04	1	5	8	8	7.8	28	17	7	M4xP0.7	90°	JDMT07...
TM90JD07-109-M04	1	5	9	9	7.8	28	17	7	M4xP0.7	90°	JDMT07...
TM90JD07-210-M05	2	5	10	10	9	29	17	7	M5xP0.8	90°	JDMT07...
TM90JD07-211-M05	2	5	11	11	9	29	17	7	M5xP0.8	90°	JDMT07...
TM90JD07-312-M06	3	5	12	12	11	32	17	9	M6xP1.0	90°	JDMT07...
TM90JD07-313-M06	3	5	13	13	11	32	17	9	M6xP1.0	90°	JDMT07...
TM90JD07-314-M06	3	5	14	14	13	32	17	10	M6xP1.0	90°	JDMT07...
TM90JD07-314-M08	3	5	14	14	13	34.5	17	10	M8xP1.25	90°	JDMT07...
TM90JD07-416-M08	4	5	16	16	15	43	25	12	M8xP1.25	90°	JDMT07...
TM90JD07-417-M08	4	5	17	17	15	43	25	12	M8xP1.25	90°	JDMT07...

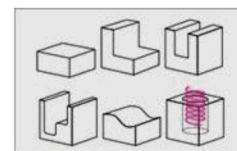
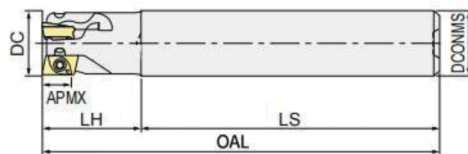
TE90JD07

2刃单面刀片清角铣刀杆

End Mill Cutter

JDMT07系列

JDMT07 Series



Designation 型号	CIC T 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DCX	DC	DCONMS	OAL	LH	LS		
TE90JD07-108-10-100	1	5	8	8	10	100	17	83	90°	JDMT07...
TE90JD07-109-10-100	1	5	9	9	10	100	19	81	90°	JDMT07...
TE90JD07-210-10-100	2	5	10	10	10	100	22	78	90°	JDMT07...
TE90JD07-210-10-120	2	5	10	10	10	120	22	98	90°	JDMT07...
TE90JD07-211-10-100	2	5	11	11	10	100	11	89	90°	JDMT07...
TE90JD07-211-10-120	2	5	11	11	10	120	11	109	90°	JDMT07...
TE90JD07-312-12-80	3	5	12	12	12	80	26	54	90°	JDMT07...
TE90JD07-312-12-100	3	5	12	12	12	100	26	74	90°	JDMT07...
TE90JD07-312-12-120	3	5	12	12	12	120	26	94	90°	JDMT07...
TE90JD07-313-12-120	3	5	13	13	12	120	13	107	90°	JDMT07...
TE90JD07-314-14-100	3	5	14	14	14	100	30	70	90°	JDMT07...
TE90JD07-314-14-120	3	5	14	14	14	120	30	90	90°	JDMT07...
TE90JD07-314-14-160	3	5	14	14	14	160	30	130	90°	JDMT07...
TE90JD07-315-14-120	3	5	15	15	14	120	15	105	90°	JDMT07...
TE90JD07-315-14-160	3	5	15	15	14	160	15	145	90°	JDMT07...
TE90JD07-416-16-100	4	5	16	16	16	100	35	65	90°	JDMT07...
TE90JD07-416-16-120	4	5	16	16	16	120	35	85	90°	JDMT07...
TE90JD07-416-16-160	4	5	16	16	16	160	35	125	90°	JDMT07...
TE90JD07-417-16-120	4	5	17	17	16	120	17	103	90°	JDMT07...
TE90JD07-417-16-160	4	5	17	17	16	160	17	143	90°	JDMT07...

刀片相关信息请参照第M9-02页

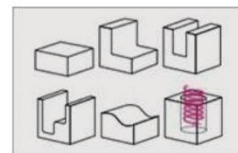
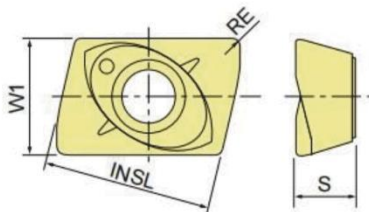
JDMT070204

2刃单面清角铣刀片

Shoulder Mill Inserts

JDMT07系列

JDMT07 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	INSL/边长	S/厚度	RE/圆角	APMX/最大切深	W1/宽度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
JDMT070204R	6.4	2.45	0.4	5	4.3	TSA-18040-1	TWA-T6	○	○

○ 开发中

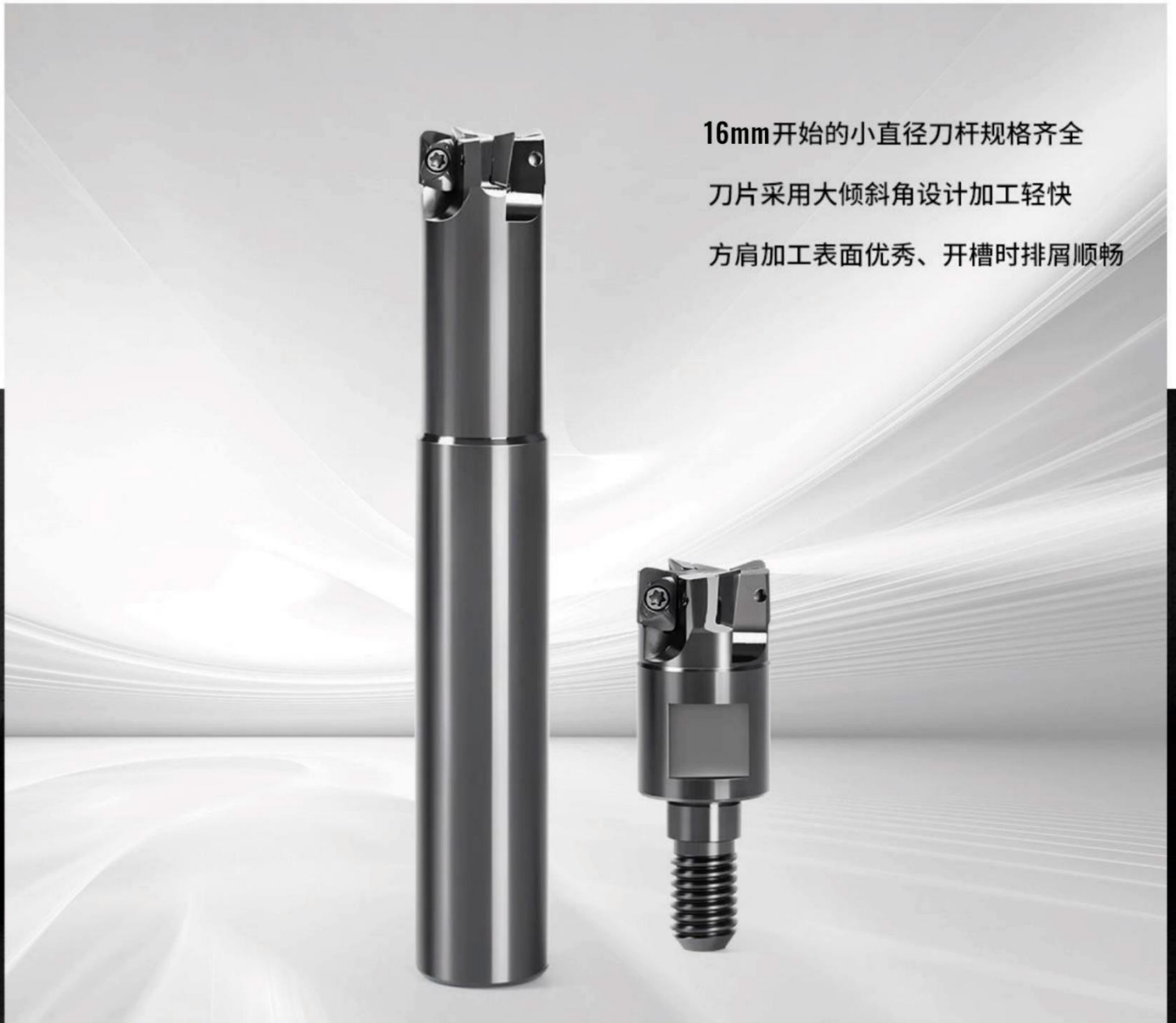
JDMT070204

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	JD07
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-250	0.05 - 0.1
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-220	0.05 - 0.1
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-180	0.05 - 0.1
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-250	0.05 - 0.1
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-300	0.05 - 0.1
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-200	0.05 - 0.1
S	钛合金 Ti-6Al-4V ...	-40HRC	40-80	0.05 - 0.08
	耐热合金 Inconel, Hastelloy...	-40HRC	30-70	0.05 - 0.08
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	40-50HRC	0.05 - 0.08
		SKD11 ... X153CrMoV12...	50-60HRC	0.05 - 0.08

铣削系列

MILLING TOOLS SERIES

BDMX11T308



16mm开始的小直径刀杆规格齐全

刀片采用大倾斜角设计加工轻快

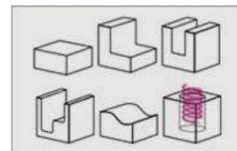
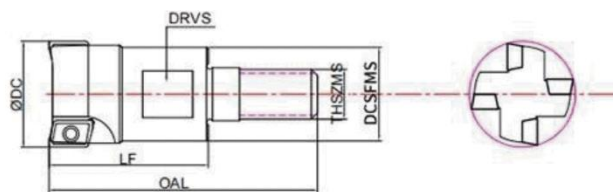
方肩加工表面优秀、开槽时排屑顺畅

CARBTECH EXPERT MILLING

BDMX11T308

2刃单面刀片清角锁牙铣刀头

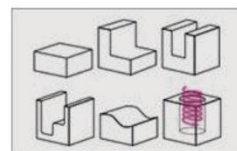
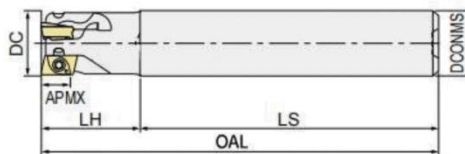
Modular heads



BDMX11T308

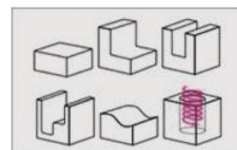
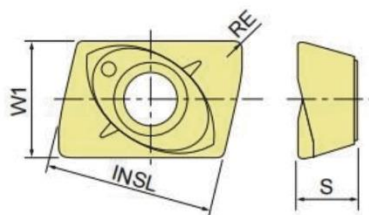
Description	Stock	No. of Inserts	Dimension (mm)								Rake Angle		Coolant Hole	Applicable Inserts M18, M19 M25	Max Revolution (min-1)
			DC	DCON	DCON	OAL	LF	CRKS	H	APMX	A.R. (MAX.)	R.R.			
MEX	16-M08-11T-2T	●	2	16	14.7	8.5	43	25	M8xP1.25	12	+18°	-14°	Yes	BDMT11T3 BDGT11T3	43,750
	20-M10-11T-2T	●	2	20	18.7	10.5	49	30	M10xP1.5	15	+20°	-10°			41,000
	20-M10-11T-3T	●	3	20	18.7	10.5	49	30	M10xP1.5	15	+20°	-10°			41,000
	25-M12-11T-3T	●	3	25	23	12.5	57	35	M12xP1.75	19	+21°	-10°			37,500
	32-M16-11T-4T	●	4	32	30	17	63	40	M16xP2.0	24	+23°	-9°			33,900

BDMX11T308



BDMX11T308

Description	Stock	No. of Inserts	Dimension (mm)					Bake Angle		Coolant Hole	Drawing	Spare Parts		Max Revolution (min-1)
			DC	DCON	LF	LH	APMX	A.R. (MAX.)	R.R.			Clamp Screw	Wrench	
Same Shank MEX	16-S16-11T	●	2	16	16	100	30	+18°	-14°	Yes	Fig. 8	SB-2555TRG	DTM-8	43,750
	20-S20-11T	●	3	20	20	110	30	+20°	-10°					41,000
	25-S25-11T	●	4	25	25	120	32	+21°	-10°					37,500
	25-S25-11T-4	●	4	25	25	120	32	+21°	-10°					37,500
	32-S32-11T	●	5	32	32	130	40	+23°	-9°					33,900



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	INSL/边长	S/厚度	RE/圆角	APMX/最大切深	W1/宽度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
BDMX11T308-GM	11	3.8	0.8	10	6.7	SB-2555TRG	TDM-8	O	O

BDMX11T308

ISO	Material/工件材料		Hardness/硬度	Vc (m/min)/切削速度	BDMX11
P	碳钢 S45C, S55C ... C45, C55 ...		-300HB	120-250	0.08 - 0.3
	合金钢 SCM440, SCr415 ... 42CrMo4 ...		-300HB	100-220	0.08 - 0.3
	预硬化钢 NAK80, PX5 ...		30-40HRC	80-180	0.08 - 0.3
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...		-200HB	100-250	0.08 - 0.3
K	灰铸铁 FC250, FC300 ... 250, 300 ...		150-250HB	120-300	0.05 - 0.2
	球墨铸铁 FCD400 ... 400-15, 600-3 ...		150-250HB	100-200	0.05 - 0.2
S	钛合金 Ti-6Al-4V ...		-40HRC	40-80	0.05 - 0.2
	耐热合金 Inconel, Hastelloy...		-40HRC	30-70	0.05 - 0.2
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	40-50HRC	40-80	0.05 - 0.2
		SKD11 ... X153CrMoV12...	50-60HRC	30-60	0.05 - 0.2

快进给铣削系列
MILLING TOOLS SERIES

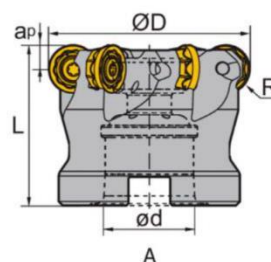
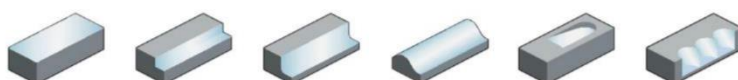


CARBTECH EXPERT MILLING

Indexable milling Face milling

Face mill

BMR11



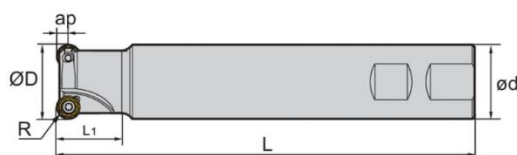
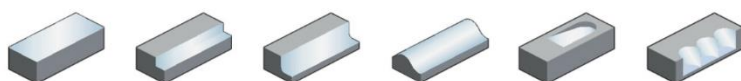
Article	*	Stock	Dimensions [mm]					Teeth	Coupling	kg	Insert
			R	ØD	ød	L	a _{p max}				
BMR11-040-A16-RD10-06	*	○	5	40	16	40	5	6	A	–	RD**10T3
BMR11-050-A22-RD10-07	*	●	5	50	22	40	5	7	A	0,30	
BMR11-052-A22-RD10-07	*	●	5	52	22	40	5	7	A	0,28	
BMR11-063-A22-RD10-08	*	●	5	63	22	40	5	8	A	0,50	
BMR11-066-A22-RD10-08	*	●	5	66	22	40	5	8	A	0,46	
BMR11-080-A27-RD10-09	*	●	5	80	27	50	5	9	A	0,82	
BMR11-040-A16-RD12-05	*	●	6	40	16	40	6	5	A	0,18	RD**1204
BMR11-050-A22-RD12-05	*	●	6	50	22	40	6	5	A	0,27	
BMR11-050-A22-RD12-06	*	●	6	50	22	40	6	6	A	0,27	
BMR11-052-A22-RD12-06	*	●	6	52	22	40	6	6	A	0,27	
BMR11-063-A27-RD12-07	*	●	6	63	27	40	6	7	A	0,39	
BMR11-066-A27-RD12-07	*	●	6	66	27	40	6	7	A	0,40	
BMR11-080-A27-RD12-08	*	●	6	80	27	50	6	8	A	1,00	

Bool Series

Indexable milling Face milling

Face mill

BMR11



Straight shank

Article	*	Stock	Dimensions [mm]						Teeth	kg	Insert
			R	ØD	ød	L ₁	L	a _{p max}			
BMR11-032-XP32-RD10-03C	*	○	5	32	32	35	120	5	3	–	RD**10T3
BMR11-040-XP32-RD10-04C	*	○	5	40	32	40	120	5	4	–	
BMR11-032-XP32-RD10-03C	*	●	5	32	32	30	180	5	3	0,98	
BMR11-040-XP32-RD10-04C	*	●	5	40	32	30	200	5	4	1,2	
BMR11-032-XP32-RD12-03C	*	○	6	32	32	35	120	6	3	–	RD**1204
BMR11-040-XP32-RD12-04C	*	○	6	40	32	40	120	6	4	–	
BMR11-032-XP32-RD12-03C	*	●	6	32	32	30	180	6	3	0,97	
BMR11-040-XP32-RD12-04C	*	●	6	40	32	30	200	6	4	1,15	

A

Turning

B

Milling

C

Drilling

Bool Series

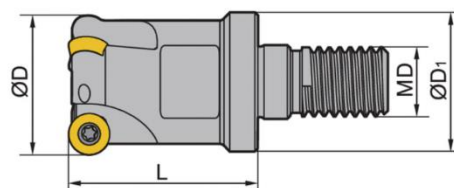
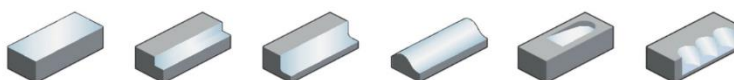
Indexable milling Face milling

A

Turning

Face mill – QCH series

QCH – R***



B

Milling

C

Article	*	Stock	Dimensions [mm]					Teeth	kg	Insert
			R	ØD	ØD ₁	L	MD			
QCH-20-RD10-M10-02-FMR11	*	○	5	20	18	30	10	2	–	RD**10T3
QCH-25-RD10-M12-03-FMR11	*	●	5	25	21	35	12	3	0,08	
QCH-32-RD10-M16-03-FMR11	*	●	5	32	30	45	16	3	0,21	
QCH-42-RD10-M16-05-FMR11	*	●	5	42	40	45	16	5	0,29	
QCH-20-RD12-M10-02-FMR11	*	○	6	20	18	30	10	2	–	RD**1204
QCH-25-RD12-M12-03-FMR11	*	●	6	25	21	35	12	3	–	
QCH-32-RD12-M16-03-FMR11	*	●	6	32	30	45	16	3	0,20	
QCH-42-RD12-M16-05-FMR11	*	●	6	42	40	45	16	5	0,27	

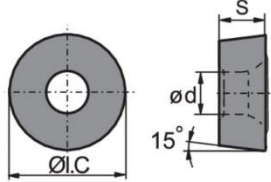
Boor Series

Indexable milling Face milling

A

Turning

Milling insert

RP** milling insert		HC ¹ (CVD)		HC ¹ (PVD)		HT	HC ²	HW
	P							
	M							
	K							
	N							
	S							
	H							
ISO		CT3110G1		CT3570G1 CT3580G1 CT3590G1				
	RPMT10T3MO-M	•		• ○ •				
	RPMT1204MO-M	•		• ○ •				
	RPMT10T3MO-MM			• ○ •				
	RPMT1204MO-MM			• ○ •				

B

Milling

BMR11

切削参数 / Cutting Conditions

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	fz (mm/t)/每齿进给量
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-250	0.1-0.3
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	100-220	0.1-0.3
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-180	0.1-0.25
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	100-250	0.1-0.25
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-250	0.1-0.3
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-200	0.1-0.3
S	钛合金 Ti-6Al-4V ...	-40HRC	20-50	0.1-0.2
	耐热合金 Inconel, Hastelloy...	-40HRC	20-50	0.1-0.2
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.1-0.2
		SKD11 ... X153CrMoV12...	50-70	0.1-0.2

斜降、螺旋加工时，被切削工件与刀片后角面发生干涉，故无法加工。
可插铣，最大横切深 (ae) 8mm

铣削系列
MILLING TOOLS SERIES

HNGX 0906

45°主偏角，降低切削阻力实现高速加工
12刃双面刀片，应对多种材质面铣加工
2种大小刀片，可适用粗加工到半精加工



CARBTECH EXPERT MILLING

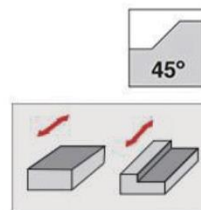
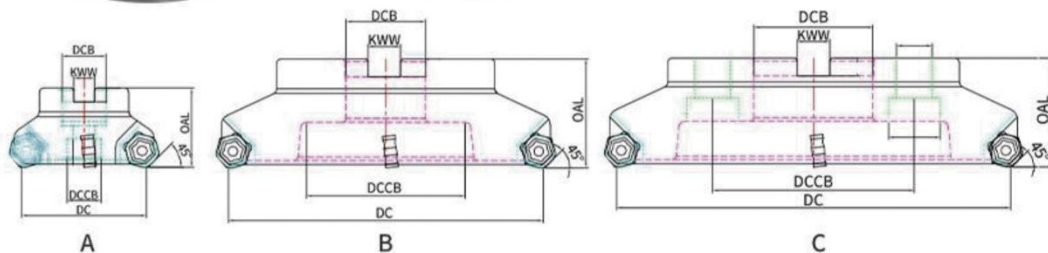
TF45HN07/09

12刃双面面铣刀盘

Face Mill Cutter

HNPJ07/HNGU09系列

HNPJ07/HNGU09 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF45HN07-450-22	4	3.5	50	22	40	14	8.4	A	45°	HJPJ07...
TF45HN07-563-22	5	3.5	63	22	40	14	8.4	A	45°	HJPJ07...
TF45HN07-680-27	6	3.5	80	27	40	17	10.4	A	45°	HJPJ07...
TF45HN07-7100-32	7	3.5	100	32	40	17	10.4	A	45°	HJPJ07...
TF45HN07-8125-40	8	3.5	125	40	50	34	12.4	B	45°	HJPJ07...
TF45HN07-10160-40	10	3.5	160	40	40	14	8.4	B	45°	HJPJ07...
TF45HN09-450-22	4	4.5	50	22	40	17	10.4	A	45°	HNGX0906
TF45HN09-563-22	5	4.5	63	22	40	17	10.4	A	45°	HNGX0906
TF45HN09-680-27	6	4.5	80	27	50	34	12.4	A	45°	HNGX0906
TF45HN09-7100-32	7	4.5	100	32	50	42	14.4	A	45°	HNGX0906
TF45HN09-8125-40	8	4.5	125	40	55	50	16.4	B	45°	HNGX0906
TF45HN09-10160-40	10	4.5	160	40	55	80	16.4	B	45°	HNGX0906
TF45HN09-12200-60	12	4.5	200	60	55	101.6	25.8	C	45°	HNGX0906
TF45HN09-14250-60	14	4.5	250	60	55	101.6	25.8	C	45°	HNGX0906

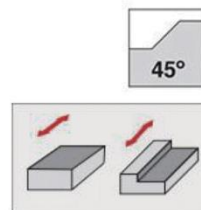
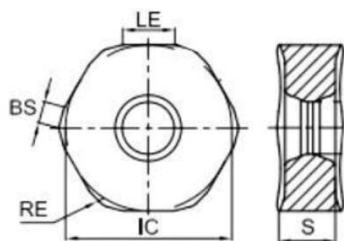
HNPJ07/HNGX09

12刃双面铣刀片

Face Mill Inserts

HNPJ07/HNGU09系列

HNPJ07/HNGU09 Series



Designation 型号	Dimension (mm)/尺寸								Grade/材质	
	IC/大小	S/厚度	RE/圆角	LE/切削刃长度	BS/刀尖刃口长度	Screw/螺丝	Wrench/扳手		CT3580G1	CT3570G1
HNPJ0704AN-GD	12.7	4.45	1.2	1.5	1.45	TSA-40100-1	TWA-T15		○	○
HNGX0906AN-GM	15.88	5.56	1.2	1.2	1.35	TSA-40100-1	TWA-T15		○	○

○ 开发中

刀片相关信息请参照第M7-01页

刀盘相关信息请参照第M7-01页

铣削系列

MILLING TOOLS SERIES

SNMU1305 / PNMU09

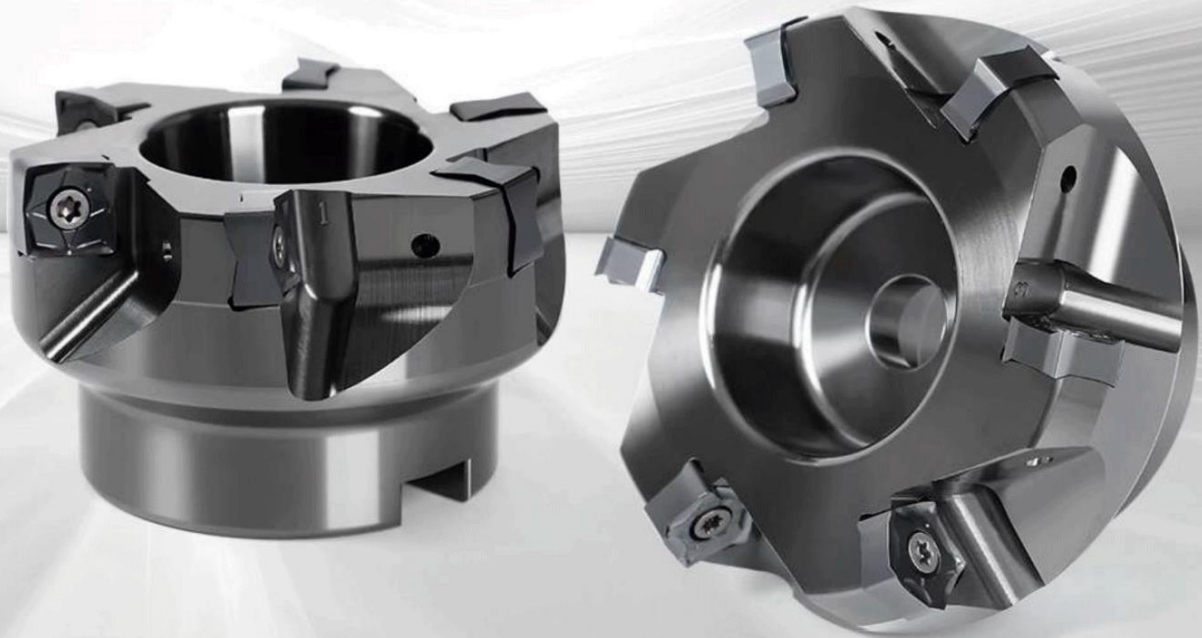
从通用加工到各类加工场景轻松应对

TF88SN1305

方肩粗加工上表现优越，接近90度的加工效果

TF66PN09

采用低阻力的10刃双面刀片，保障经济性

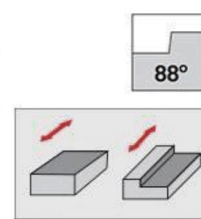
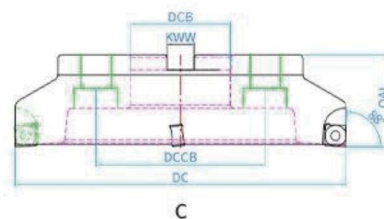
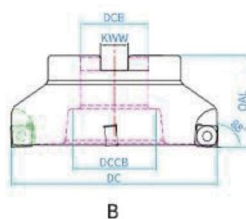


CARBTECH EXPERT MILLING

TF88SN1305

8刃双面面铣刀盘
Face Mill Cutter

SNMU1305系列
SNMU1305 Series

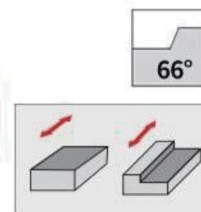
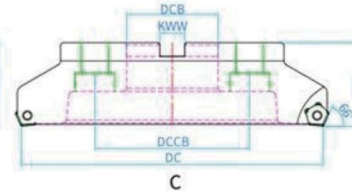
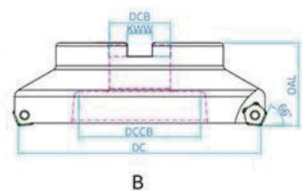
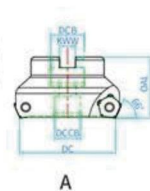


Designation 型号	CICT 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF88SN13-450-22	4	5	50	22	40	17	10.4	A	88°	SNMU1305...
TF88SN13-563-22	5	5	63	22	40	17	10.4	A	88°	SNMU1305...
TF88SN13-680-27	6	5	80	27	50	34	12.4	A	88°	SNMU1305...
TF88SN13-7100-32	7	5	100	32	50	42	14.4	A	88°	SNMU1305...
TF88SN13-8125-40	8	5	125	40	55	50	16.4	B	88°	SNMU1305...
TF88SN13-10160-40	10	5	160	40	55	80	16.4	B	88°	SNMU1305...
TF88SN13-12200-60	12	5	200	60	55	101.6	25.8	C	88°	SNMU1305...
TF88SN13-14250-60	14	5	250	60	55	101.6	25.8	C	88°	SNMU1305...

TF66PN09

10刃双面面铣刀盘
Face Mill Cutter

PNMU09系列
PNMU09 Series



Designation 型号	CICT 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	DCB	OAL	DCCB	KWW	Type		
TF66PN09-450-22	4	5	50	22	40	17	10.4	A	66°	PNMU09...
TF66PN09-563-22	5	5	63	22	40	17	10.4	A	66°	PNMU09...
TF66PN09-680-27	6	5	80	27	50	34	12.4	A	66°	PNMU09...
TF66PN09-7100-32	7	5	100	32	50	42	14.4	A	66°	PNMU09...
TF66PN09-8125-40	8	5	125	40	55	50	16.4	B	66°	PNMU09...
TF66PN09-10160-40	10	5	160	40	55	80	16.4	B	66°	PNMU09...
TF66PN09-12200-60	12	5	200	60	55	101.6	25.8	C	66°	PNMU09...
TF66PN09-14250-60	14	5	250	60	55	101.6	25.8	C	66°	PNMU09...

刀片相关信息请参照第M5-1-02页

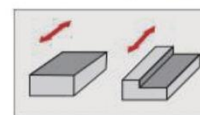
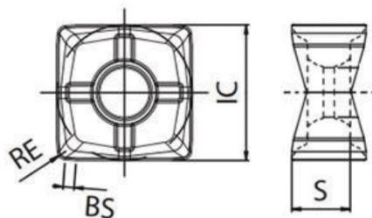
SNMU1305

8刀双面铣刀片

Face Mill Inserts

SNMU13系列

SNMU13 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	BS/刀尖刃口长度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
SNMU130508-GM	13	5.51	0.8	5	1.0	TSA-40100-1	TWA-T15	○	○

○ 开发中

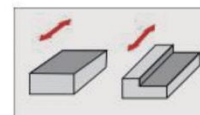
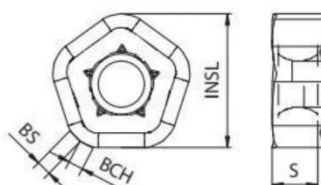
PNMU0905

10刀双面铣刀片

High Feed Face Mill Inserts

PNMU09系列

PNMU09 Series



Designation 型号	Dimension (mm)/尺寸							Grade/材质	
	INSL/高度	S/厚度	APMX/最大切深	BCH	BS/刀尖刃口长度	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
PNMU0905XN-GM	17.98	6.17	5	2.0	2.0	TSA-40100-1	TWA-T15	○	○

○ 开发中

铣削系列

MILLING TOOLS SERIES

TF45/75/88SN12

双面八刃设计确保刀片经济性

适用多种材料的粗铣、半精铣

45度、75度、88度三种主偏角

通装各大品牌SN□X12系列刀片



CARBTECH EXPERT MILLING

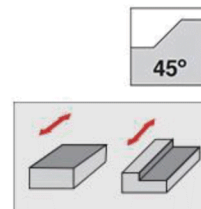
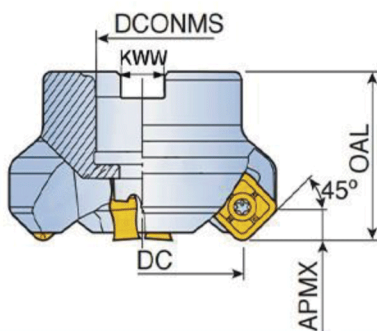
TF45SN12

8刃双面45°面铣刀盘

45° Face Mills

SN□X1206系列

SN□X1206 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸						Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	Type		
TF45SN12-450-22	4	6.5	50	8.4	22	40	A	45°	SN□X1206...
TF45SN12-455-22	4	6.5	55	10.4	22	40	A	45°	SN□X1206...
TF45SN12-563-22	5	6.5	63	10.4	22	40	A	45°	SN□X1206...
TF45SN12-570-22	5	6.5	70	12.4	22	40	A	45°	SN□X1206...
TF45SN12-680-27	6	6.5	80	10.4	27	50	A	45°	SN□X1206...
TF45SN12-7100-32	7	6.5	100	10.4	32	50	A	45°	SN□X1206...
TF45SN12-8125-40	8	6.5	125	12.4	40	55	B	45°	SN□X1206...
TF45SN12-10160-40	10	6.5	160	14.4	40	55	B	45°	SN□X1206...
TF45SN12-12200-60	12	6.5	200	16.4	60	55	C	45°	SN□X1206...
TF45SN12-14250-60	14	6.5	250	16.4	60	55	C	45°	SN□X1206...

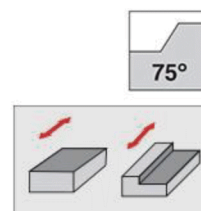
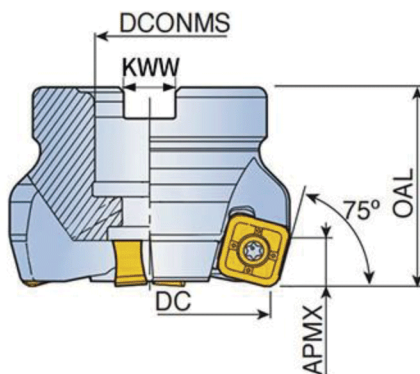
TF75SN12

8刃双面75°面铣刀盘

75° Face Mills

SN□X1206系列

SN□X1206 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸						Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	Type		
TF75SN12-450-22	4	8	50	8.4	22	40	A	75°	SN□X1206...
TF75SN12-455-22	4	8	55	10.4	22	40	A	75°	SN□X1206...
TF75SN12-563-22	5	8	63	10.4	22	40	A	75°	SN□X1206...
TF75SN12-570-22	5	8	70	12.4	22	40	A	75°	SN□X1206...
TF75SN12-680-27	6	8	80	10.4	27	50	A	75°	SN□X1206...
TF75SN12-7100-32	7	8	100	10.4	32	50	A	75°	SN□X1206...
TF75SN12-8125-40	8	8	125	12.4	40	55	B	75°	SN□X1206...
TF75SN12-10160-40	10	8	160	14.4	40	55	B	75°	SN□X1206...
TF75SN12-12200-60	12	8	200	16.4	60	55	C	75°	SN□X1206...
TF75SN12-14250-60	14	8	250	16.4	60	55	C	75°	SN□X1206...

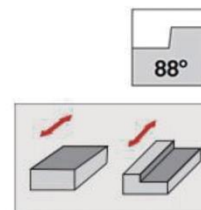
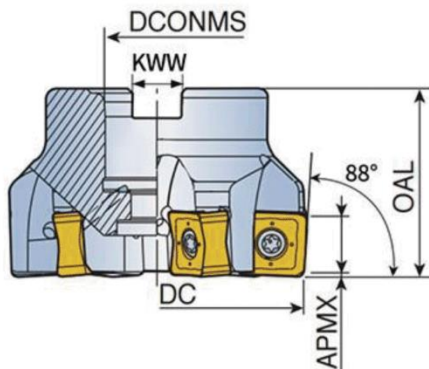
刀片相关信息请参照第M5-02页

切削参数请参照第M5-03页

TF88SN12

8刃双面88°面铣刀盘 88° Face Mills

SN□X1206系列
SN□X1206 Series

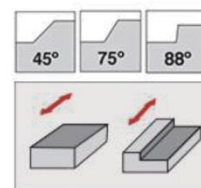
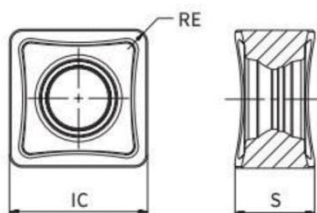


Designation 型号	CICT 齿数	Dimension (mm)/尺寸						Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	Type		
TF88SN12-450-22	4	10	50	10.4	22	40	A	88°	SN□X1206...
TF88SN12-455-22	4	10	55	10.4	22	40	A	88°	SN□X1206...
TF88SN12-563-22	5	10	63	10.4	22	40	A	88°	SN□X1206...
TF88SN12-570-22	5	10	70	10.4	22	40	A	88°	SN□X1206...
TF88SN12-680-27	6	10	80	12.4	27	50	A	88°	SN□X1206...
TF88SN12-7100-32	7	10	100	14.4	32	50	A	88°	SN□X1206...
TF88SN12-8125-40	8	10	125	16.4	40	55	B	88°	SN□X1206...
TF88SN12-10160-40	10	10	160	16.4	40	55	B	88°	SN□X1206...
TF88SN12-12200-60	12	10	200	25.8	60	55	C	88°	SN□X1206...
TF88SN12-14250-60	14	10	250	25.8	60	55	C	88°	SN□X1206...

SN□X1206

8刃双面面铣刀片 Face Mill Inserts

SN□X12系列
SN□X12 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
SNMX120608-MM	12.7	6.98	0.8	6.5-10	TSA-50120-1	TWA-T20	○	○
SNMX120612-MM	12.7	6.98	1.2	6.5-10	TSA-50120-1	TWA-T20	○	○
SNGX120608-MM	12.7	6.98	0.8	6.5-10	TSA-50120-1	TWA-T20	○	○
SNGX120612-MM	12.7	6.98	1.2	6.5-10	TSA-50120-1	TWA-T20	○	○

多数SN□X1205/SN□U1205刀片也可以安装在此系列刀盘上使用。

○ 开发中

刀片相关信息请参照第M5-02页
切削参数请参照第M5-03页

SN□X1206

8刃双面面铣刀片

Face Mill Inserts

SN□X12系列

SN□X12 Series

 切削参数 / Cutting Conditions

ISO	Material/工件材料	Hardness/硬度	Vc (m/min)/切削速度	fz (mm/t)/每齿进给量
P	碳钢 S45C, S55C ... C45, C55 ...	-300HB	120-300	0.1-0.5
	合金钢 SCM440, SCr415 ... 42CrMo4 ...	-300HB	80-250	0.1-0.5
	预硬化钢 NAK80, PX5 ...	30-40HRC	80-200	0.1-0.35
M	不锈钢 SUS304, SUS316 ... X5CrNi18-9 X5CrNiMo17-12-2 ...	-200HB	80-250	0.1-0.4
K	灰铸铁 FC250, FC300 ... 250, 300 ...	150-250HB	120-350	0.1-0.4
	球墨铸铁 FCD400 ... 400-15, 600-3 ...	150-250HB	100-300	0.1-0.4
S	钛合金 Ti-6Al-4V ...	-40HRC	20-50	0.1-0.2
	耐热合金 Inconel, Hastelloy...	-40HRC	20-50	0.1-0.2
H	淬火钢	SKD61 ... X40CrMoV5-1 ...	80-150	0.1-0.2
		SKD11 ... X153CrMoV12...	50-70	0.1-0.2

铣削系列

MILLING TOOLS SERIES

TF45/75/88SN1306

双面八刃设计确保刀片经济性

适用多种材料的粗铣、半精铣

45度、75度、88度三种主偏角

通配特固克SN□X1306系列刀片

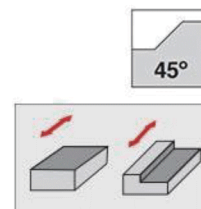
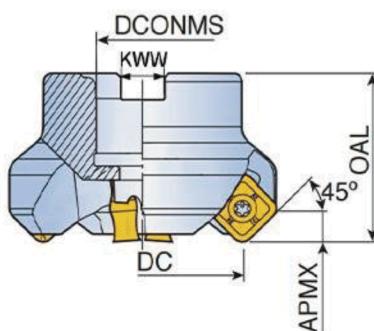


CARBTECH EXPERT MILLING

TF45SN1306

8刃双面45°面铣刀盘

45° Face Mills



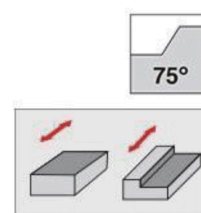
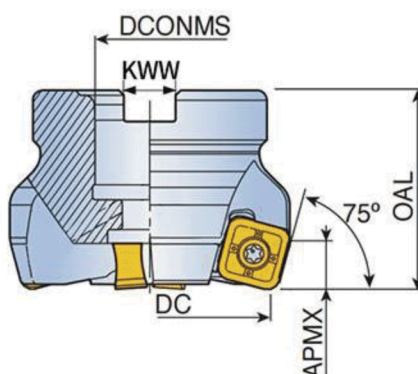
SN□X1306系列
SN□X1306 Series

Designation 型号	CIC 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	DCCB	Type		
TF45SN1306-450-22	4	7.0	50	10.4	22	40	17	A	45°	SN□X1306...
TF45SN1306-563-22	5	7.0	63	10.4	22	40	17	A	45°	SN□X1306...
TF45SN1306-680-27	6	7.0	80	12.4	27	50	34	A	45°	SN□X1306...
TF45SN1306-7100-32	7	7.0	100	14.4	32	50	42	A	45°	SN□X1306...
TF45SN1306-8125-40	8	7.0	125	16.4	40	55	50	B	45°	SN□X1306...
TF45SN1306-10160-40	10	7.0	160	16.4	40	55	80	B	45°	SN□X1306...
TF45SN1306-12200-60	12	7.0	200	25.8	60	55	101.6	C	45°	SN□X1306...
TF45SN1306-14250-60	14	7.0	250	25.8	60	55	101.6	C	45°	SN□X1306...

TF75SN1306

8刃双面75°面铣刀盘

75° Face Mills



SN□X1306系列
SN□X1306 Series

Designation 型号	CIC 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	DCCB	Type		
TF45SN1306-450-22	4	9.5	50	10.4	22	40	17	A	75°	SN□X1306...
TF45SN1306-563-22	5	9.5	63	10.4	22	40	17	A	75°	SN□X1306...
TF45SN1306-680-27	6	9.5	80	12.4	27	50	34	A	75°	SN□X1306...
TF45SN1306-7100-32	7	9.5	100	14.4	32	50	42	A	75°	SN□X1306...
TF45SN1306-8125-40	8	9.5	125	16.4	40	55	50	B	75°	SN□X1306...
TF45SN1306-10160-40	10	9.5	160	16.4	40	55	80	B	75°	SN□X1306...
TF45SN1306-12200-60	12	9.5	200	25.8	60	55	101.6	C	75°	SN□X1306...
TF45SN1306-14250-60	14	9.5	250	25.8	60	55	101.6	C	75°	SN□X1306...

刀片相关信息请参照第M5-3-02页

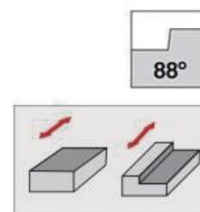
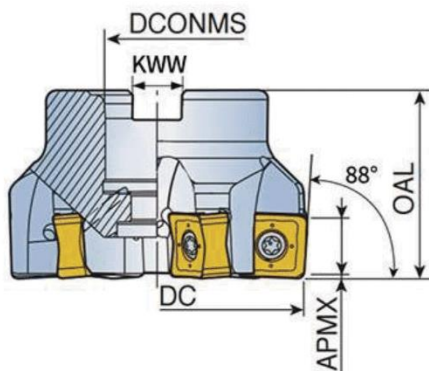
TF88SN1306

8刃双面88°面铣刀盘

88° Face Mills

SN□X1306系列

SN□X1306 Series



Designation 型号	CIC 齿数	Dimension (mm)/尺寸							Angel 角度	INSERT 刀片
		APMX	DC	KWW	DCONMS	OAL	DCCB	Type		
TF88SN1306-450-22	4	12	50	10.4	22	40	17	A	88°	SN□X1306...
TF88SN1306-563-22	5	12	63	10.4	22	40	17	A	88°	SN□X1306...
TF88SN1306-680-27	6	12	80	12.4	27	50	34	A	88°	SN□X1306...
TF88SN1306-7100-32	7	12	100	14.4	32	50	42	A	88°	SN□X1306...
TF88SN1306-8125-40	8	12	125	16.4	40	55	50	B	88°	SN□X1306...
TF88SN1306-10160-40	10	12	160	16.4	40	55	80	B	88°	SN□X1306...
TF88SN1306-12200-60	12	12	200	25.8	60	55	101.6	C	88°	SN□X1306...
TF88SN1306-14250-60	14	12	250	25.8	60	55	101.6	C	88°	SN□X1306...

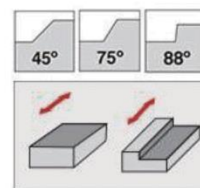
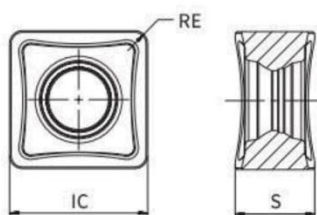
SN□X1306

8刃双面面铣刀片

Face Mill Inserts

SN□X1306系列

SN□X1306 Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/大小	S/厚度	RE/圆角	APMX/最大切深	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
SNMX1306ZN-M	13.5	6.8	0.4	12	TSA-40003-2	TWA-T15	○	○
SNMX1306ANTN-M	13.5	6.8	0.4	7.0	TSA-40003-2	TWA-T15	○	○
SNMX1306ENTN-M	13.5	7.0	0.4	9.5	TSA-40003-2	TWA-T15	○	○
SNMX1306XTN	13.5	6.8	0.4	6.35-9.6	TSA-40003-2	TWA-T15	○	○
SNGX1306ZN-M	13.5	6.8	0.4	12	TSA-40003-2	TWA-T15	○	○
SNGX1306ANTN-M	13.5	6.8	0.4	7.0	TSA-40003-2	TWA-T15	○	○
SNGX1306ENTN-M	13.5	7.0	0.4	9.5	TSA-40003-2	TWA-T15	○	○

○ 开发中

刀盘相关信息请参照第M5-3-01页

多功能刀具
MULTI-FUNCTION TOOL

TCAP2.25D/TCAP3.25D

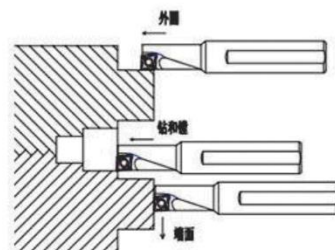
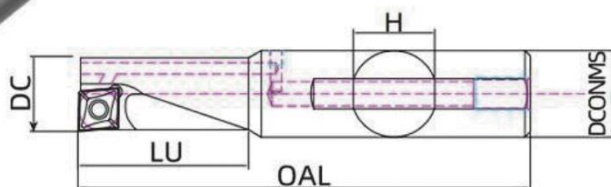


CARBTECH EXPERT MILLING

TCAP...-2.25D/3.25D

多功能钻头
Multi-function Drill

TCAP系列
TCAP Series

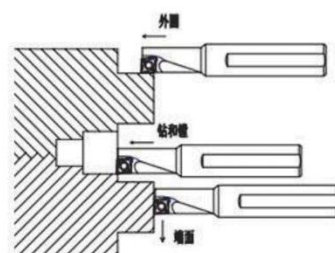
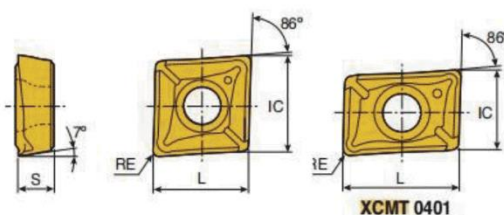


Designation 型号	Dimension (mm)/尺寸					INSERT 刀片
	DC	LU	OAL	H	DCONMS	
TCAP 08R/L-2.25D-ST	8	18.0	60.0	9	10	XCMT040104-TC
TCAP 10R/L-2.25D-ST	10	22.5	69.5	11	12	XCMT050204-TC
TCAP 12R/L-2.25D-ST	12	27.0	78.0	15	16	XCMT060204-TC
TCAP 14R/L-2.25D-ST	14	31.5	83.5	15	16	XCMT070304-TC
TCAP 16R/L-2.25D-ST	16	36.0	94.0	15	16	XCMT080304-TC
TCAP 20R/L-2.25D-ST	20	45.0	111.0	18	20	XCMT10T304-TC
TCAP 08R/L-3.25D-ST	8	26.0	68.0	9	10	XCMT040104-TC
TCAP 10R/L-3.25D-ST	10	32.5	79.5	11	12	XCMT050204-TC
TCAP 12R/L-3.25D-ST	12	39.0	90.0	15	16	XCMT060204-TC
TCAP 14R/L-3.25D-ST	14	45.5	97.5	15	16	XCMT070304-TC
TCAP 16R/L-3.25D-ST	16	52.0	110.0	15	16	XCMT080304-TC
TCAP 20R/L-3.25D-ST	20	65.0	131.0	18	20	XCMT10T304-TC

XCMT 04-10

多功能钻头刀片
Multi-function Drill Inserts

XCMT系列
XCMT Series



Designation 型号	Dimension (mm)/尺寸						Grade/材质	
	IC/宽度	S/厚度	L/边长	RE/刀尖圆角	Screw/螺丝	Wrench/扳手	CT3580G1	CT3570G1
XCMT040104-TC	4.4	1.70	6.4	0.4	TSA-18040-1	TWA-T6	○	○
XCMT050204-TC	5.6	2.10	5.6	0.4	TSA-20040-1	TWA-T6	○	○
XCMT060204-TC	6.4	2.38	6.4	0.4	TSA-22040-1	TWA-T6	○	○
XCMT070304-TC	7.5	3.18	7.5	0.4	TSA-25060-1	TWA-T8	○	○
XCMT080304-TC	8.4	3.18	8.4	0.4	TSA-30064-1	TWA-T10	○	○
XCMT10T304-TC	10.5	3.97	10.5	0.4	TSA-35010-1	TWA-T15	○	○

○ 开发中

钻头相关信息请参照第MF1-01页
刀片相关信息请参照第MF1-01页

铣削刀具 Milling Tool

TMC/SMC/TMR

舍弃式刀片设计提高槽加工的高效率、高精度
多款普及型铣削刀片的采用确保加工经济性
满足双侧、方肩、反面各种槽加工铣削工况



CARBTECH EXPERT MILLING

TMC

T型槽铣刀-CC06

Slot Milling Cutters

TMC-CC06系列

TMC-CC06 Series



Designation 型号	CIC 齿数	INSERT 刀片	Dimension (mm)/尺寸				Screw 螺丝	Wrench 扳手
			D	C	L	d		
TMC-20-H08-C14-T2-80-CC06	2	CC□T0602	20	8	80	14	TSA-25002-2	TWA-T8
TMC-20-H08-C14-T2-120-CC06	2		20	8	120	14		
TMC-20-H08-C14-T2-150-CC06	2		20	8	150	14		
TMC-20-H10-C14-T2-80-CC06	2		20	10	80	14		
TMC-20-H10-C14-T2-120-CC06	2		20	10	120	14		
TMC-20-H10-C14-T2-150-CC06	2		20	10	150	14		
TMC-25-H08-C16-T4-80-CC06	4		25	8	80	16		
TMC-25-H08-C16-T4-120-CC06	4		25	8	120	16		
TMC-25-H08-C16-T4-150-CC06	4		25	8	150	16		
TMC-25-H10-C16-T4-80-CC06	4		25	10	80	16		
TMC-25-H10-C16-T4-120-CC06	4		25	10	120	16		
TMC-25-H10-C16-T4-150-CC06	4		25	10	150	16		
TMC-30-H08-C16-T4-80-CC06	4		30	8	80	16		
TMC-30-H08-C16-T4-120-CC06	4		30	8	120	16		
TMC-30-H08-C16-T4-150-CC06	4		30	8	150	16		
TMC-30-H10-C16-T4-80-CC06	4		30	10	80	16		
TMC-30-H10-C16-T4-120-CC06	4		30	10	120	16		
TMC-30-H10-C16-T4-150-CC06	4		30	10	150	16		
TMC-35-H08-C20-T4-80-CC06	4		35	8	80	20		
TMC-35-H08-C20-T4-120-CC06	4		35	8	120	20		
TMC-35-H08-C20-T4-150-CC06	4		35	8	150	20		
TMC-35-H10-C20-T4-80-CC06	4		35	10	80	20		
TMC-35-H10-C20-T4-120-CC06	4		35	10	120	20		
TMC-35-H10-C20-T4-150-CC06	4		35	10	150	20		
TMC-40-H08-C20-T6-80-CC06	6		40	8	80	20		
TMC-40-H08-C20-T6-120-CC06	6		40	8	120	20		
TMC-40-H08-C20-T6-150-CC06	6		40	8	150	20		
TMC-40-H10-C20-T6-80-CC06	6		40	10	80	20		
TMC-40-H10-C20-T6-120-CC06	6		40	10	120	20		
TMC-40-H10-C20-T6-150-CC06	6		40	10	150	20		
TMC-50-H08-C25-T6-80-CC06	6		50	8	80	25		
TMC-50-H08-C25-T6-120-CC06	6		50	8	120	25		
TMC-50-H08-C25-T6-150-CC06	6		50	8	150	25		
TMC-50-H10-C25-T6-80-CC06	6		50	10	80	25		
TMC-50-H10-C25-T6-120-CC06	6		50	10	120	25		
TMC-50-H10-C25-T6-150-CC06	6		50	10	150	25		
TMC-63-H10-C32-T8-80-CC06	8		63	10	80	32		
TMC-63-H10-C32-T8-120-CC06	8		63	10	120	32		
TMC-63-H10-C32-T8-150-CC06	8		63	10	150	32		
TMC-80-H10-C32-T8-80-CC06	8		80	10	80	32		
TMC-80-H10-C32-T8-120-CC06	8		80	10	120	32		
TMC-80-H10-C32-T8-150-CC06	8		80	10	150	32		

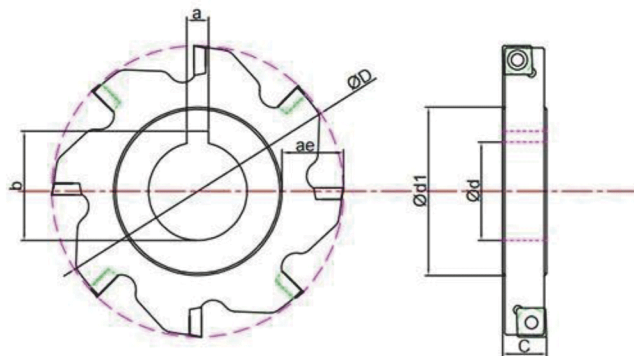
SMC

盘式三面刃铣刀-MPHT

Slot Milling Cutters

SMC-MPHT系列

SMC-MPHT Series



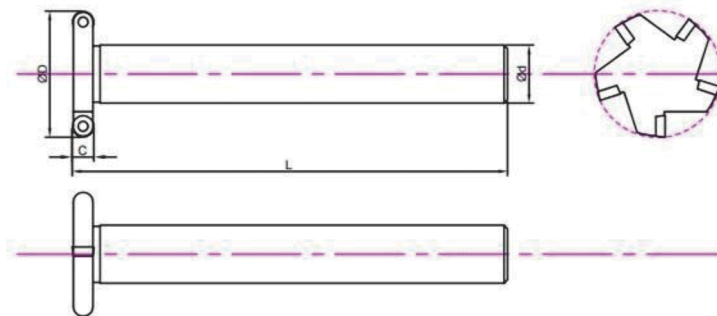
Designation 型号	CIC 齿数	INSERT 刀片	Dimension (mm)/尺寸							Screw 螺丝	Wrench 扳手
			ØD	Ød	Ød1	ae	C	b	a		
SMC-63-8-22-8T	8	MPHT06	63	22	35.2	13	8	25	7	TSA-25002-2	TWA-T8
SMC-63-10-22-8T	8		63	22	35.2	13	10	25	7	TSA-30002-2	TWA-T8
SMC-63-12-22-8T	8	MPHT08	63	22	35.2	13	12	25	7	TSA-50002-2	TWA-T20
SMC-63-16-22-6T	6	MPHT12	63	22	35.8	13	16	25	7	TSA-25002-2	TWA-T8
SMC-80-8-27-10T	10	MPHT06	80	27	46.2	16	8	31	7	TSA-30002-2	TWA-T8
SMC-80-10-27-10T	10		80	27	46.2	16	10	31	7	TSA-50002-2	TWA-T20
SMC-80-12-27-10T	10	MPHT08	80	27	46.2	16	12	31	7	TSA-25002-2	TWA-T8
SMC-80-16-27-6T	6	MPHT12	80	27	46.8	16	16	31	7	TSA-30002-2	TWA-T8
SMC-100-8-27-12T	12	MPHT06	100	27	46.2	26	8	31	7	TSA-50002-2	TWA-T20
SMC-100-10-27-12T	12		100	27	46.2	26	10	31	7	TSA-25002-2	TWA-T8
SMC-100-12-27-10T	10	MPHT08	100	27	46.2	26	12	31	7	TSA-30002-2	TWA-T8
SMC-100-16-27-8T	8	MPHT12	100	27	46.8	26	16	31	7	TSA-50002-2	TWA-T20
SMC-100-8-32-12T	12	MPHT06	100	32	50.2	24	8	36	8	TSA-25002-2	TWA-T8
SMC-100-10-32-12T	12		100	32	50.2	24	10	36	8	TSA-30002-2	TWA-T8
SMC-100-12-32-10T	10	MPHT08	100	32	50.2	24	12	36	8	TSA-50002-2	TWA-T20
SMC-100-16-32-8T	8	MPHT12	100	32	50.8	24	16	36	8	TSA-25002-2	TWA-T8
SMC-100-20-32-8T	8		100	32	50.8	24	20	36	8	TSA-30002-2	TWA-T8
SMC-125-8-40-14T	14	MPHT06	125	40	59.2	32	8	45	10	TSA-50002-2	TWA-T20
SMC-125-10-40-14T	14		125	40	59.2	32	10	45	10	TSA-25002-2	TWA-T8
SMC-125-12-40-12T	12	MPHT08	125	40	59.2	32	12	45	10	TSA-30002-2	TWA-T8
SMC-125-16-40-8T	8	MPHT12	125	40	59.8	32	16	45	10	TSA-50002-2	TWA-T20
SMC-125-20-40-8T	8		125	40	59.8	32	20	45	10	TSA-25002-2	TWA-T8
SMC-160-10-40-16T	16	MPHT06	160	40	59.2	49	10	45	10	TSA-30002-2	TWA-T8
SMC-160-12-40-12T	12	MPHT08	160	40	59.2	49	12	45	10	TSA-50002-2	TWA-T20
SMC-160-16-40-10T	10	MPHT12	160	40	59.8	49	16	45	10	TSA-25002-2	TWA-T8
SMC-160-20-40-10T	10		160	40	59.8	49	20	45	10	TSA-30002-2	TWA-T8
SMC-200-10-50-16T	16	MPHT06	200	50	71.2	63	10	55.2	14	TSA-50002-2	TWA-T20
SMC-200-12-50-16T	16	MPHT08	200	50	71.2	63	12	55.2	14	TSA-25002-2	TWA-T8
SMC-200-16-50-16T	16	MPHT12	200	50	71.8	63	16	55.2	14	TSA-30002-2	TWA-T8
SMC-200-20-50-16T	16		200	50	71.8	63	20	55.2	14	TSA-50002-2	TWA-T20
SMC-250-10-50-16T	16	MPHT06	250	50	71.2	88	10	55.2	14	TSA-25002-2	TWA-T8
SMC-250-12-50-16T	16	MPHT08	250	50	71.2	88	12	55.2	14	TSA-30002-2	TWA-T8
SMC-250-16-50-16T	16	MPHT12	250	50	71.8	88	16	55.2	14	TSA-50002-2	TWA-T20
SMC-250-20-50-16T	16		250	50	71.8	88	20	55.2	14	TSA-25002-2	TWA-T8

TMR

圆角T型槽铣刀-RC/RP

Slot Milling Cutters

TMR-RC/RP系列
TMR-RC/RP Series

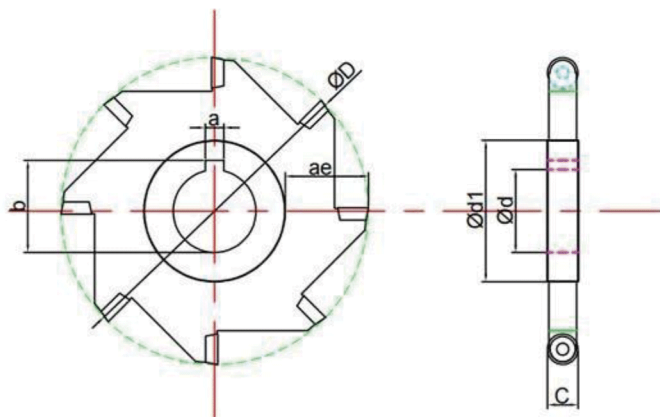
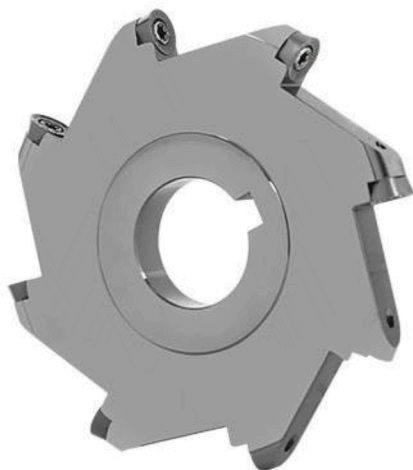


Designation 型号	CICT 齿数	INSERT 刀片	Dimension (mm)/尺寸				Screw 螺丝	Wrench 扳手
			D	C	L	d		
TMR-20-R3-C14-T3-120	3	RC□T0602	20	6	120	14	TSA-25002-2	TWA-T8
TMR-20-R4-C14-T2-120	2	RP□T08T2	20	8	120	14	TSA-25002-2	TWA-T8
TMR-25-R3-C14-T4-120	4	RC□T0602	25	6	120	14	TSA-25002-2	TWA-T8
TMR-25-R4-C14-T3-120	3	RP□T08T2	25	8	120	14	TSA-25002-2	TWA-T8
TMR-25-R5-C14-T2-120	2	RP□T10T3	25	10	120	14	TSA-35003-2	TWA-T15
TMR-30-R3-C16-T5-120	5	RC□T0602	30	6	120	16	TSA-25002-2	TWA-T8
TMR-30-R4-C16-T4-120	4	RP□T08T2	30	8	120	16	TSA-25002-2	TWA-T8
TMR-30-R5-C16-T3-120	3	RP□T10T3	30	10	120	16	TSA-35003-2	TWA-T15
TMR-30-R6-C16-T2-120	2	RP□T1204	30	12	120	16	TSA-40001-2	TWA-T15
TMR-35-R3-C16-T5-120	5	RC□T0602	35	6	120	16	TSA-25002-2	TWA-T8
TMR-35-R4-C16-T5-120	5	RP□T08T2	35	8	120	16	TSA-25002-2	TWA-T8
TMR-35-R5-C16-T3-120	3	RP□T10T3	35	10	120	16	TSA-35003-2	TWA-T15
TMR-35-R6-C16-T2-120	2	RP□T1204	35	12	120	16	TSA-40001-2	TWA-T15
TMR-40-R3-C20-T6-120	6	RC□T0602	40	6	120	20	TSA-25002-2	TWA-T8
TMR-40-R4-C20-T5-120	5	RP□T08T2	40	8	120	20	TSA-25002-2	TWA-T8
TMR-40-R5-C20-T4-120	4	RP□T10T3	40	10	120	20	TSA-35003-2	TWA-T15
TMR-40-R6-C20-T3-120	3	RP□T1204	40	12	120	20	TSA-40001-2	TWA-T15
TMR-45-R3-C20-T6-120	6	RC□T0602	45	6	120	20	TSA-25002-2	TWA-T8
TMR-45-R4-C20-T5-120	5	RP□T08T2	45	8	120	20	TSA-25002-2	TWA-T8
TMR-45-R5-C20-T4-120	4	RP□T10T3	45	10	120	20	TSA-35003-2	TWA-T15
TMR-45-R6-C20-T4-120	4	RP□T1204	45	12	120	20	TSA-40001-2	TWA-T15
TMR-50-R3-C25-T6-120	6	RC□T0602	50	6	120	25	TSA-25002-2	TWA-T8
TMR-50-R4-C25-T6-120	6	RP□T08T2	50	8	120	25	TSA-25002-2	TWA-T8
TMR-50-R5-C25-T4-120	4	RP□T10T3	50	10	120	25	TSA-35003-2	TWA-T15
TMR-50-R6-C25-T4-120	4	RP□T1204	50	12	120	25	TSA-40001-2	TWA-T15

TMR

盘式三面刃铣刀-RC/RP

Slot Milling Cutters

TMR-RC/RP系列
TMR-RC/RP Series

Designation 型号	CICT 齿数	INSERT 刀片	Dimension (mm)/尺寸							Screw 螺丝	Wrench 扳手
			ØD	Ød	Ød1	ae	C	b	a		
TMR-63-R3-8-M22	8	RC□□0602	63	22	34.4	14.3	6	25	7	TSA-25002-2	TWA-T8
TMR-63-R4-6-M22	6	RP□□08T2	63	22	34.4	14.3	8	25	7	TSA-25002-2	TWA-T8
TMR-63-R5-6-M22	6	RP□□10T3	63	22	34.4	14.3	10	25	7	TSA-35003-2	TWA-T10
TMR-63-R6-5-M22	5	RP□□1204	63	22	34.4	14.3	12	25	7	TSA-40001-2	TWA-T15
TMR-80-R3-8-M27	8	RC□□0602	80	27	46	17	6	31	7	TSA-25002-2	TWA-T8
TMR-80-R4-7-M27	7	RP□□08T2	80	27	46	17	8	31	7	TSA-25002-2	TWA-T8
TMR-80-R5-6-M27	6	RP□□10T3	80	27	46	17	10	31	7	TSA-35003-2	TWA-T10
TMR-80-R6-6-M27	6	RP□□1204	80	27	46	17	12	31	7	TSA-40001-2	TWA-T15
TMR-100-R3-10-M27	10	RC□□0602	100	27	46	27	6	31	7	TSA-25002-2	TWA-T8
TMR-100-R4-8-M27	8	RP□□08T2	100	27	46	27	8	31	7	TSA-25002-2	TWA-T8
TMR-100-R5-8-M27	8	RP□□10T3	100	27	46	27	10	31	7	TSA-35003-2	TWA-T10
TMR-100-R6-6-M27	6	RP□□1204	100	27	46	27	12	31	7	TSA-40001-2	TWA-T15
TMR-125-R4-10-M32	10	RP□□08T2	125	32	49.3	37.5	8	36	8	TSA-25002-2	TWA-T8
TMR-125-R5-8-M32	8	RP□□10T3	125	32	49.3	37.5	10	36	8	TSA-35003-2	TWA-T10
TMR-125-R6-8-M32	8	RP□□1204	125	32	49.3	37.5	12	36	8	TSA-40001-2	TWA-T15
TMR-125-R8-6-M32	6	RD□□1604	125	32	49.3	37.5	16	36	8	待定	待定
TMR-160-R4-12-M40	12	RP□□08T2	160	40	58.3	50.5	8	45	10	TSA-25002-2	TWA-T8
TMR-160-R5-10-M40	10	RP□□10T3	160	40	58.3	50.5	10	45	10	TSA-35003-2	TWA-T10
TMR-160-R6-8-M40	8	RP□□1204	160	40	58.3	50.5	12	45	10	TSA-40001-2	TWA-T15
TMR-160-R8-8-M40	8	RD□□1604	160	40	58.3	50.5	16	45	10	待定	待定
TMR-200-R5-12-M50	12	RP□□10T3	200	50	70.3	64.5	10	55.2	14	TSA-35003-2	TWA-T10
TMR-200-R6-10-M50	10	RP□□1204	200	50	70.3	64.5	12	55.2	14	TSA-40001-2	TWA-T15
TMR-200-R8-8-M50	8	RD□□1604	200	50	70.3	64.5	16	55.2	14	待定	待定
TMR-200-R10-8-M50	8	RD□□2006	200	50	70.3	64.5	20	55.2	14	待定	待定
TMR-250-R5-12-M50	12	RP□□10T3	250	50	70.3	89.5	10	55.2	14	TSA-35003-2	TWA-T10
TMR-250-R6-12-M50	12	RP□□1204	250	50	70.3	89.5	12	55.2	14	TSA-40001-2	TWA-T15
TMR-250-R8-10-M50	10	RD□□1604	250	50	70.3	89.5	16	55.2	14	待定	待定
TMR-250-R10-8-M50	8	RD□□2006	250	50	70.3	89.5	20	55.2	14	待定	待定

多功能刀具
MULTI-FUNCTION TOOL

SPX11

上下倒角、侧边V槽、多角度倒角轻松搞定

采用舍弃式刀片设计，采用普及型刀片，使用方便
多尺寸、多角度、多功能的高精刀杆，经济耐用

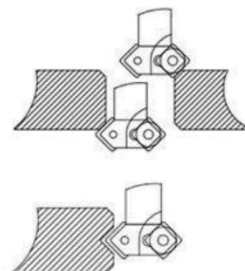
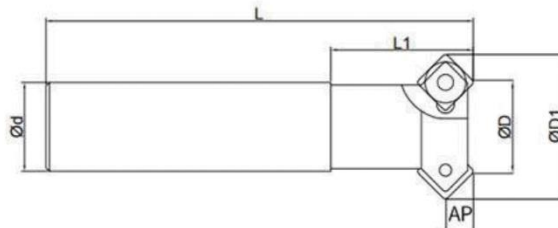


CARBTECH EXPERT MILLING

SP

舍弃式倒角刀杆 Indexable Chamfer Cutter

MF2-1系列
MF2-1 Series

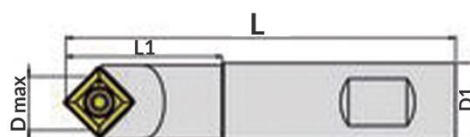


Designation 型号	Inserts 刀片	Blade 刃数	Dimension (mm)/尺寸					Angel 角度	AP 切深	Screw 螺丝	Wrench 扳手
			D	D1	d	L	L1				
CC45-SP05-10-2T16-120	SP□□0502	2	9.9	16	16	120	32	45°	3.14	TSA-M2.2003	TWA-T6
CC45-SP09-19-2T20-120	SP□□0904	2	18.9	31	20	120	40	45°	6.29	TSA-M3.5003	TWA-T15
CC45-SP11-26-2T25-120	SP□□1104	2	25.6	40	25	120	50	45°	8.53	TSA-M4.0003	TWA-T15

SPEX

舍弃式倒角刀杆 Indexable Chamfer Cutter

MF2-2系列
MF2-2 Series

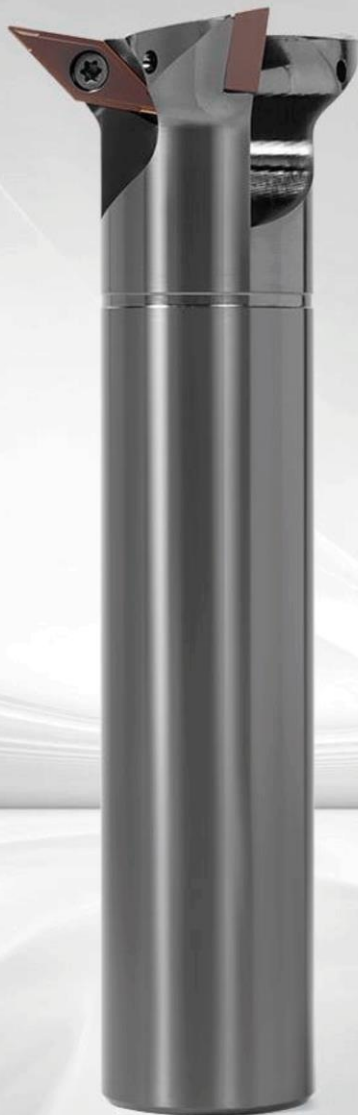


Designation 型号	Inserts 刀片	Blade 刃数	Dimension (mm)/尺寸					K° 角度	AP 切深	Screw 螺丝	Wrench 扳手
			D	D1	d	L	L1				
C16-Chanfer H16L150	SPEX 1104	Dmax 16	1,60	120	1.0	120	30	35°	8.0	TSA-M4.0-006	TWA-T15

铣削刀具 Milling Tool

TAM

采用舍弃式刀片提高槽加工的效率、方便性
普及型车削刀片的采用确保加工经济性
满足45° 55° 60°多种角度槽加工工况



CARBTECH EXPERT MILLING

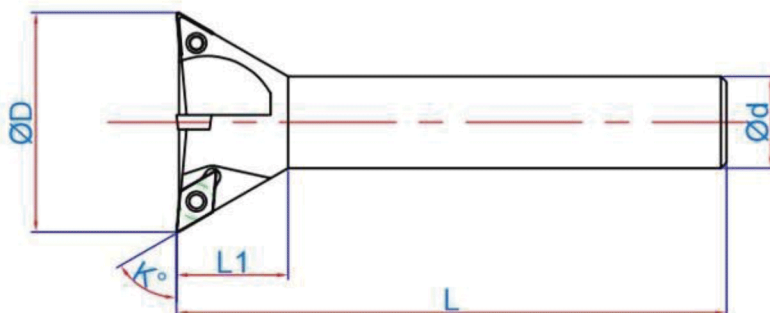
TAM

燕尾槽铣刀-45/55/60

Slot Milling Cutters

TAM-45/55/60系列

TAM-45/55/60 Series



Designation 型号	CIC 齿数	INSERT 刀片	Dimension (mm)/尺寸					Screw 螺丝	Wrench 扳手
			D	Ød	L	L1	K°		
TAM45-30-C20-120-2T-VC08	2	VC□T08	30	20	120	25	45	TSA-20002-2	TWA-T6
TAM45-40-C20-160-2T-VC11	2	VC□T11	40	20	160	25	45	TSA-25002-2	TWA-T8
TAM45-50-C25-160-3T-VC11	3	VC□T11	50	25	160	30	45	TSA-40001-2	TWA-T15
TAM45-60-C32-160-3T-VC16	3	VC□T16	60	32	160	40	45	TSA-25002-2	TWA-T8
TAM45-80-C32-160-4T-VC16	4	VC□T16	80	32	160	40	45	TSA-40001-2	TWA-T15
TAM55-25-C20-120-2T-DC07	2	DC□T07	25	20	120	25	55	TSA-25002-2	TWA-T8
TAM55-30-C20-120-3T-DC07	3	DC□T07	30	20	120	25	55	TSA-40001-2	TWA-T15
TAM55-40-C25-160-3T-DC11	3	DC□T11	40	25	160	30	55	TSA-25002-2	TWA-T8
TAM55-50-C32-160-3T-DC11	3	DC□T11	50	32	160	40	55	TSA-40001-2	TWA-T15
TAM55-60-C32-160-4T-DC11	4	DC□T11	60	32	160	40	55	TSA-25002-2	TWA-T8
TAM55-80-C32-160-5T-DC11	5	DC□T11	80	32	160	40	55	TSA-40001-2	TWA-T15
TAM60-25-C20-120-2T-DC07	2	DC□T07	25	20	120	25	60	TSA-25002-2	TWA-T8
TAM60-30-C20-120-3T-DC07	3	DC□T07	30	20	120	25	60	TSA-40001-2	TWA-T15
TAM60-40-C25-160-3T-DC11	3	DC□T11	40	25	160	30	60	TSA-25002-2	TWA-T8
TAM60-50-C32-160-3T-DC11	3	DC□T11	50	32	160	40	60	TSA-40001-2	TWA-T15
TAM60-60-C32-160-4T-DC11	4	DC□T11	60	32	160	40	60	TSA-25002-2	TWA-T8
TAM60-80-C32-160-4T-DC11	4	DC□T11	80	32	160	45	60	TSA-40001-2	TWA-T15

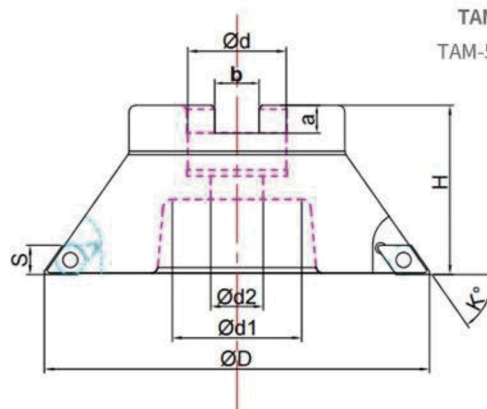
TAM

燕尾槽铣刀盘-55/60

Slot Milling Cutters

TAM-55/60系列

TAM-55/60 Series



Designation 型号	CIC 齿数	INSERT 刀片	Dimension (mm)/尺寸									Screw 螺丝	Wrench 扳手
			D	Ød	Ød1	Ød2	H	S	b	K°	a		
TAM55DC11-6100-27	6	DC□T11	100	27	34	13	50	8	12.4	55	7	TSA-40001-2	TWA-T15
TAM55DC11-7125-32	7	DC□T11	125	32	42	17	55	8	14.4	55	9	TSA-40001-2	TWA-T15
TAM60DC11-6100-27	6	DC□T11	100	27	34	13	50	8	12.4	60	7	TSA-40001-2	TWA-T15
TAM60DC11-7125-32	7	DC□T11	125	32	42	17	55	8	14.4	60	9	TSA-40001-2	TWA-T15

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