SUKEN®

PRECISION
from meticulosity

SERVICE CENTER

速肯销售服务中心

扫一扫 更多惊喜

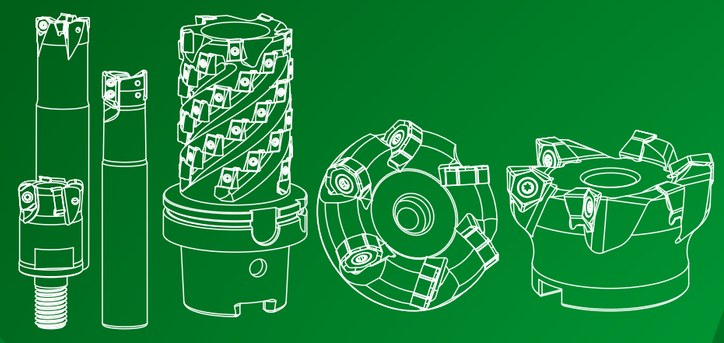
更多产品信息，敬请浏览本公司网站

网址：www.dg-suken.com　　邮箱：suken_vip@126.com；suken@dg-suken.com

设计创意专线：186 8002 7235

速肯铣削刀具

GUANGDONG SUKEN TECHNOLOGY CO.,LTD



2023~2025 Indexable cutting tool catalog

舍弃式刀具产品画册

Precision

change the world

速肯—精密改变世界

Suken always keep courage to surpass our competitors
Suken always accumulate wisdom to beyond the current status
Suken always keep achieving new height to overstep where we were

超越，是一种勇气
超越，是一种智慧
超越，更是一种高度

GIVE THE WORLD A

new height

给世界一个新高度

About SUKEN 关于速肯

广东速肯科技有限公司是集研发、生产、销售于一体的技术服务性企业，公司拥有先进的加工设备，检测设备和专业的技术人员。

速肯主要生产抗震性舍弃式铣刀把、铣刀盘、高精密刀柄、快速钻头镗孔等夹持工具系列，并能根据客户要求设计制造各种类型的高品质非标刀具。速肯产品皆采用优质材料，广泛运用于航空、汽车、机械制造、精密模具等行业。我们以坚定不移的信念，一直专注于提高用户的生产效率，提高加工精度及光洁度，致力于建设遍布全国的连锁区域性行销网络，为客户提供更强大的服务支持！

我们始终贯彻“高品质、高效率、高要求，高诚信”的发展宗旨，坚持“敬人、敬业、精勤、创新”的企业精神，不断的研究，开发、创新，使得我们发展成具有独特性的制造和销售企业。速肯以专业的技术和最热忱的服务为您提供完善的刀具解决方案，愿我们的每一次服务能够得到您的肯定，真诚欢迎海内外客户光临指导、洽谈、合作，携手共创双赢的美好未来。

Guangdong Suken Technology Co.,LTD was set up in 2005 as a professional R&D,manufacturer and supplier of a wide range of CNC cutting tool products, including carbide end mill, indexable milling cutter, high precision tool holder system, high speed drills, boring bar and tool accessories. We provide various type of standard and non-standard high quality cutting tools according to customers' requirements.

We have always carried out "high-quality, high efficiency, high standard, high integrity" as principle of development, "respect, dedicated, hardworking, innovative" as company spirit. This kind of continuous research, development and innovation make us as unique manufacturing and sales company.

We believe that with professional technology and the most dedicated service we can provide our customer with complete tooling solutions.

SUKEN®

气度　深度　高度

TOLERANCE　DEPTH　HEIGHT

性格决定命运，气度决定格局，细节决定成败，态度决定一切，思路决定出路，深度决定高度，格局决定结局

速肯人拥有一颗归零的心：视现状为零，纵观未来新格局

速肯人拥有一颗学习的心：成功代表过去，能力代表现在，唯进步、不止步

速肯人拥有一颗创新的心态：锐意进取、不断超越，敢为天下先

速肯人拥有一颗付出的心态：能够为别人服务的人生才是最有价值的人生

速肯人拥有一颗务实的心态：一点一滴精铸，一丝一毫细砺；做人、做事、做产品、做企业

速肯人拥有一颗责任的心态 ：提高用户生产力，降低用户成本，解决用户切削难题，满足用户加工质量

速肯人拥有一颗合作的心态：合力同心、齐力断金，精诚团结，振兴民族事业

速肯人拥有一颗共赢的心态：牵手你我，一路同行，共创美好未来

People working at Suken are always glad to learn and keeping prepared for the future, because they know the potential challenge is much more appealing than achieved success and ability.

The engineer teams keep making progress in innovation with hardworking, which promise satisfactory service for our customers.

Precision and reliable products in Suken are ensured by all the practical workes with professional skills and high sense of responsibility.

Suken has been committed to improve the productivity and efficience of customers to low down the cost and provide solutions for processing. The company keeps win-win cooperation in mind to get along with customers for further future.

INDEX 目錄索引

SUKEN

PRECISION ARISE FROM
meticulosity
精密源自一絲不苟

PRECISION
from meticulosity

精密 源自一絲不苟

锁牙头

INDEXABLE

Modular Cutter

随心切换 无锁不能

PRECISION
from
meticulosity

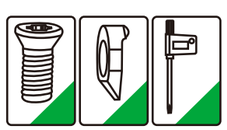
精密 源自一絲不苟

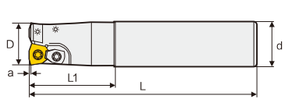
AJX HIGH FEED MILLING CUTTER

AJX 大進給立銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
AJX	16-C16-160	2	16	16	0.6	70	160	JDMT06T215 ZZSR-JM	M2.5x6.3	Y-4R	T8
	16-C16-200	2	16	16	0.6	90	200				
	17-C16-160	2	17	16	0.6	20	160				
	17-C16-200	2	17	16	0.6	20	200				
	20-C20-160	2	20	20	0.9	70	160	JDMT080320 ZZSR	M3x7	Y-4R	T8
	20-C20-200	2	20	20	0.9	100	200				
	21-C20-160	2	21	20	0.9	30	160				
	21-C20-200	2	21	20	0.9	30	200				
	25-C25-160	2	25	25	1.2	80	160	JDMW09T320 ZDSR	M3.5x9	Y-4R	T15
	25-C25-200	2	25	25	1.2	120	200				
	25-C25-250	2	25	25	1.2	130	250				
	26-C25-160	2	26	25	1.2	80	160				
	26-C25-200	2	26	25	1.2	120	200				
	26-C25-250	2	26	25	1.2	130	250				
	26-C25-300	2	26	25	1.2	130	300				
	28-C25-160	2	28	25	1.2	40	160				
	28-C25-200	2	28	25	1.2	40	200				
	28-C25-250	2	28	25	1.2	40	250				
	30-C32-160	2	30	32	2	70	160	JDMW120420 ZDSR	M4x10	Y-4R	T15
	30-C32-200	2	30	32	2	120	200				
	30-C32-250	2	30	32	2	130	250				
	32-C32-160	2	32	32	2	70	160				
	32-C32-200	2	32	32	2	120	200				
	32-C32-250	2	32	32	2	130	250				
	33-C32-200	2	33	32	2	70	200	JDMW120420 ZDSR	M4x10	Y-4R	T15
	33-C32-250	2	33	32	2	70	250				
	33-C32-300	3	33	32	2	180	300				
	33-C32-350	3	33	32	2	180	350				
	35-C32-160	2	35	32	2	70	160				
	35-C32-200	2	35	32	2	70	200				
	35-C32-250	2	35	32	2	70	250				
	40-C32-200	3	40	32	2	70	200	JDMW120420 ZDSR	M4x10	Y-4R	T15
	40-C32-250	3	40	32	2	70	250				
	40-C32-300	3	40	32	2	70	300				
	40-C42-200	3	40	42	2	120	200				
	40-C42-250	3	40	42	2	130	250				
	40-C42-300	3	40	42	2	180	300				
	50-C42-200	3	50	42	2	50	200	JDMW140520 ZDSR	M5x11	Y-4R	T20
	50-C42-250	3	50	42	2	50	250				
	63-C42-200	4	63	42	2	50	200				
	63-C42-250	4	63	42	2	50	250				

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN





產品特性/Feature

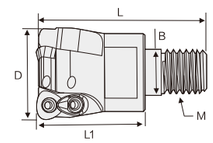
1、最適合大進給切削。
2、采用錐形設計，抗彎鋼性極高。
3、AJX在切削過程中會產生大而重的切屑。為防止因切屑干擾產生的問題,請使用風冷去除切屑。
1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting
3、Large capacity for outstanding chip removal rate by air cooling

INDEXABLE SCREW TYPE MODULAR CUTTER

AJX 大進給鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AJX	16-M8-2T	2	16	46	28	8.5	M8	JDMT06T215 ZZSR-JM	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10	JDMT080320 ZZSR	M3	T8
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-2T	2	25	57	35	12.5	M12	JDMT080320 ZZSR	M3.5	T15
	26-M12-2T	2	26	57	35	12.5	M12		M4	T15
	32-M16-2T	2	32	63	40	17.0	M16	JDMW120420 ZDSR	M4	T15
	33-M16-2T	2	33	63	40	17.0	M16			
	35-M16-2T	2	35	63	40	17.0	M16			
	40-M16-3T	3	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

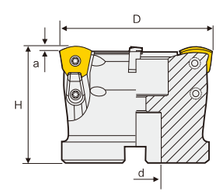


AJX HIGH FEED FACE MILLING CUTTER

AJX 大進給平面銑削刀盤

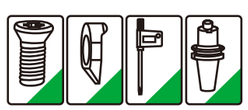
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AJX	50-22	4	50	22	2	50	JDMW120420 ZDSR-FT	M4	T15
	63-22	4	63	22	2	50			
	63-22	4	63	22	2	50	JDMW140520 ZDSR-FT	M5	T20
	80-27	5	80	27	2	50			
	100-32	6	100	32	2	50			
	125-40	6	125	40	2	63			
	50-25.4	4	50	25.4	2	50	JDMW120420 ZDSR-FT	M4	T15
	63-25.4	4	63	25.4	2	50			
	63-25.4	4	63	25.4	2	50	JDMW140520 ZDSR-FT	M5	T20
	80-25.4	5	80	25.4	2	50			
	100-31.75	5	100	31.75	2	50			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



產品特性/Feature

1、最適合大進給切削。 2、采用錐型設計，抗彎鋼性極高。 3、雙重夾緊機構鋼性好。
1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting
3、Extremely dual clamping mechanism enhances the stability and rigidity



SKS HIGH FEED MILLING CUTTER

SKS 大進給立銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
SKS	16-C16-110	2	16	16	0.8	30	110	WDMW 04T215ZTR	M2.5x6.3	Y-4R	T8
	16-C16-160	2	16	16	0.8	70	160				
	17-C16-110	2	17	16	0.8	25	110				
	17-C16-160	2	17	16	0.8	25	160				
	20-C20-130	2	20	20	1.25	50	130	WDMW050316ZTR WDHW050316ZTR	M3X7	\	T8
	21-C20-130	2	21	20	1.25	50	130				
	20-C20-160	2	20	20	1.25	100	160				
	21-C20-160	2	21	20	1.25	50	160				
	25-C25-160	2	25	25	1.5	60	160	WDMW06T320ZTR WDHW06T320ZTR	M4X10	Y-4R	T15
	26-C25-160	2	26	25	1.5	60	160				
	25-C25-200	2	25	25	1.5	120	200				
	26-C25-200	2	26	25	1.5	60	200				
	30-C32-160	2	30	32	1.5	70	160	WDMW06T320ZTR WDHW06T320ZTR	M4X10	Y-4R	T15
	30-C32-200	2	30	32	1.5	120	200				
	32-C32-160	3	32	32	1.5	70	160				
	32-C32-200	3	32	32	1.5	120	200				
	33-C32-160	3	33	32	1.5	70	160				
	33-C32-200	3	33	32	1.5	70	200				
	32-C32-160	2	32	32	2	70	160	WDMT 080520ZER	M4.5X11	Y-5R	T20
	32-C32-200	2	32	32	2	90	200				
	33-C32-160	2	33	32	2	50	160				
	33-C32-200	2	33	32	2	50	200				
	40-C32-200	3	40	32	2	50	200				
	40-C32-250	3	40	32	2	50	250				
	50-C32-200	3	50	32	2	50	200				
	40-C42-200	3	40	42	2	120	200	WDMT 080520ZER	M4.5X11	Y-5R	T20
	40-C42-250	3	40	42	2	130	250				
	50-C42-200	3	50	42	2	50	200				
	50-C42-250	3	50	42	2	50	250				

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、最適合大進給切削。
2、采用錐形設計，抗彎鋼性極高。
3、如果機械動力不足，首先推薦降低切深，然后再降低主軸轉速以及進給。
4、使用風冷以吹走切屑，特別是立式加工深型腔時，須充分注意切屑的處理。
5、淬火鋼若硬度為50-55HRC,推薦將以上切深,主軸轉速和進給速度降低30%。

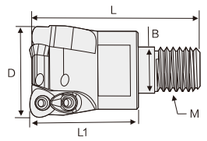
1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting
3、If mechanical power is insufficient, reducing the milling depth will be firstly recommended, then slow down the spindle speed and feeding speed
4、Large capacity for outstanding chip removal rate by air cooling
5、Thicker milling depth, 30% reduced spindle and feeding speed will be suggested by milling hardened steel with HRC between 50-55

INDEXABLE SCREW TYPE MODULAR CUTTER

SKS 大進給鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKS	16-M8-2T	2	16	46	28	8.5	M8	WOMW04T215ZTR	M2.5x6.3	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10	WDMW050316ZTR WDHW050316ZTR	M3X7	T8
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-2T	2	25	57	35	12.5	M12	WDMW06T320ZTR WDHW06T320ZTR	M4X10	T15
	26-M12-2T	2	26	57	35	12.5	M12			
	32-M16-2T	2	32	63	40	17.0	M16	WDMT080520ZER	M4.5X11	T20
	33-M16-2T	2	33	63	40	17.0	M16			
	35-M16-2T	2	35	63	40	17.0	M16			
	40-M16-3T	3	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

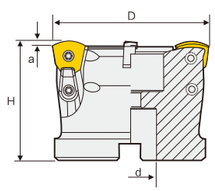


SKS HIGH FEED FACE MILLING CUTTER

SKS 大進給平面銑削刀盤

	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKS	50-22	4	50	22	2	50	WDMW080520ZTR WDMT080520ZER WDHW080520ZTR	M4.5	T20
	63-22	4	63	22	2	50			
	80-27	5	80	27	2	50			
	100-32	6	100	32	2	50			
	63-22	4	63	22	2.5	50	WDMW10X620ZTR WDMT10X620ZER	M4.5	T20
	80-27	5	80	27	2.5	50			
	100-32	6	100	32	2.5	50			
	125-40	6	125	40	2.5	63			
	63-25.4	4	63	25.4	2	50	WDMW080520ZTR WDMT080520ZER WDHW080520ZTR	M4.5	T20
	80-25.4	5	80	25.4	2	50			
	100-31.75	6	100	31.75	2	50			
	63-25.4	4	63	25.4	2.5	50	WDMW10X620ZTR WDMT10X620ZER	M4.5	T20
	80-25.4	5	80	25.4	2.5	50			
	100-31.75	6	100	31.75	2.5	50			

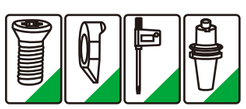
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



產品特性/Feature

1、最適合大進給切削。
2、采用錐型設計，抗彎鋼性極高。
3、雙重夾緊機構鋼性好。

1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting
3、Extremely dual clamping mechanism enhances the stability and rigidity



ASR HIGH FEED MILLING CUTTER

ASR 快進給立銑刀杆

粗加工 平面加工 臺階面加工

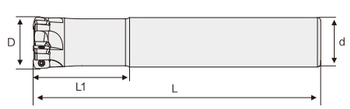
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASR	16-C16-120	2	16	16	2	40	120	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5X6	T8
	16-C16-160	2	16	16	2	50	160			
	16-C16-200	2	16	16	2	70	200			
	17-C16-120	2	17	16	2	27	120			
	17-C16-160	2	17	16	2	27	160			
	17-C16-200	2	17	16	2	27	200			
	20-C20-160	2	20	20	2	50	160	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5X6	T8
	20-C20-200	2	20	20	2	78	200			
	20-C20-250	2	20	20	2	90	250			
	21-C20-160	2	21	20	2	30	160			
	21-C20-200	2	21	20	2	30	200			
	21-C20-250	2	21	20	2	30	250			
	25-C25-160	3	25	25	2	48	160	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5X6	T8
	25-C25-200	3	25	25	2	70	200			
	25-C25-250	3	25	25	2	100	250			
	26-C25-200	3	26	25	2	45	200			
	26-C25-250	3	26	25	2	45	250			
	26-C25-300	3	26	25	2	45	300			
	32-C32-160	4	32	32	2	78	160	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5X6	T8
	32-C32-200	4	32	32	2	120	200			
	33-C32-160	4	33	32	2	48	160			
	33-C32-200	4	33	32	2	50	200			
	35-C32-200	4	35	32	2	45	200			
	40-C32-160	4	40	32	2	45	160			
	40-C32-200	4	40	32	2	45	200			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、高進給圓弧銑刀。
2、不考慮缺損對刀片壽命的影響，則每刃進給量FZ設定的較大時壽命也較大。
3、刀片雖小，但由于抗缺損性得到了大幅提高，因此可實現極高的進給速度。
4、最大切削深度為1.5mm。

1、Suitable for high feed round milling
2、 Longer life by larger FZ each tooth without thinking of processing damage to insert.
3、Improved damage-resistant ability makes the cutter high feeding speed even with small insert
4、Maximum milling deepth is 1.5mm



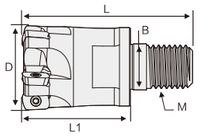
INDEXABLE SCREW TYPE MODULAR CUTTER

ASR 快進給鎖牙式立銑刀頭

粗加工 平面加工 臺階面加工

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASR	16-M8-2T	2	16	46	28	8.5	M8	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5	T8
	32-M16-3T	3	32	63	40	17.0	M16			
	35-M16-4T	4	35	63	40	17.0	M16			
	40-M16-4T	4	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN



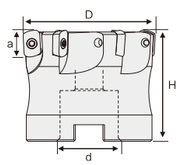
ASR HIGH FEED FACE MILLING CUTTER

ASR 快進給立銑刀盤

粗加工 平面加工 臺階面加工

	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASR	50-22-6T	6	50	22	2	40	EPNW0603TN-8 EPMT0603TN-8 EPMT0603EN-8LF	M2.5X6	T8
	63-22-7T	7	63	22	2	40			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN



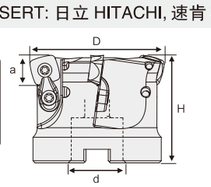
ASRF FACE MILLING CUTTER

ASRF 快進給立銑刀盤

粗加工 平面加工 臺階面加工

	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASRF	40-16	3	40	16	1.5	50	SDNW1205ZDTN SDMT1205ZDTN	M4x9	T15
	50-22	4	50	22	1.5	50			
	63-22	4	63	22	1.5	50			
	80-27	5	80	27	1.5	50			
	100-32	6	100	32	1.5	50			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

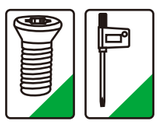


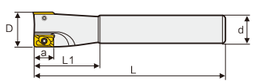
300R RIGHT ANGLE CUTTER

300R 直角高速端銑刀

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
300R	10-C10-100	1	10	10	9	25	100	APMT1135 PDER	M2.5x6	T8
	10-C10-130	1	10	10	9	25	130			
	11-C10-100	1	11	10	9	25	100			
	11-C10-130	1	11	10	9	30	130			
	12-C12-130	1	12	12	9	25	130	APMT1135 PDER	M2.5x6	T8
	12-C12-160	1	12	12	9	25	160			
	13-C12-130	1	13	12	9	25	130			
	13-C12-160	1	13	12	9	25	160			
	14-C14-160	1	14	14	9	40	160	APMT1135 PDER	M2.5x6	T8
	14-C14-200	1	14	14	9	25	200			
	16-C15-120	2	16	15	9	40	120			
	16-C15-160	2	16	15	9	40	160			
	16-C15-200	2	16	15	9	40	200			
	16-C15-250	2	16	15	9	40	250			
	16-C15.6-160	2	16	15.6	9	50	160	APMT1135 PDER	M2.5x6	T8
	16-C15.6-200	2	16	15.6	9	50	200			
	16-C16-120	2	16	16	9	40	120			
	16-C16-160	2	16	16	9	50	160			
	16-C16-200	2	16	16	9	60	200			
	16-C16-250	2	16	16	9	60	250			
	17-C16-120	2	17	16	9	50	120			
	17-C16-160	2	17	16	9	50	160			
	17-C16-200	2	17	16	9	50	200			
	17-C16-250	1	17	16	9	50	250			
	20-C19-160	2	20	19	9	50	160	APMT1135 PDER	M2.5x6	T8
	20-C19-200	2	20	19	9	50	200			
	20-C19-250	2	20	19	9	50	250			
	20-C20-120	2	20	20	9	50	120			
	20-C20-160	2	20	20	9	60	160			
	20-C20-200	2	20	20	9	70	200			
	20-C20-250	2	20	20	9	70	250			
	21-C20-120	2	21	20	9	50	120	APMT1135 PDER	M2.5x6	T8
	21-C20-160	2	21	20	9	50	160			
	21-C20-200	2	21	20	9	50	200			
	21-C20-250	2	21	20	9	50	250			
	25-C25-160	3	25	25	9	50	160			
	25-C25-200	3	25	25	9	50	200			
	25-C25-250	3	25	25	9	50	250			
	26-C25-160	3	26	25	9	50	160	APMT1135 PDER	M2.5x6	T8
	26-C25-200	3	26	25	9	50	200			
	26-C25-250	3	26	25	9	50	250			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

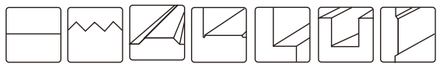




產品特性/Feature

1、本刀適合于深臺階銑削，平面銑削加工。
2、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命。
3、刀片位精確，保證切削安全和效率。

1、Suitable for shoulder milling and face milling.
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life.
3、Precision positioning of clamping insert promises cutting safety and milling performance.

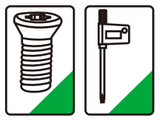


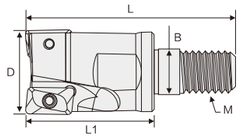
INDEXABLE SCREW TYPE MODULAR CUTTER

300R 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
300R	16-M8-2T	2	16	46	28	8.5	M8	APMT1135 PDER	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



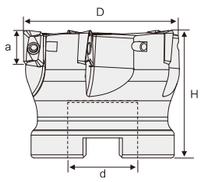


300R RIGHT ANGLE FACE MILLING CUTTE

300R 直角平面銑削刀盤

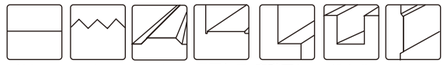
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
300R	50-22-5T	5	50	22	11	40	APMT1135	M2.5X6	T8
	63-22-7T	7	63	22	11	40			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



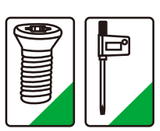
400R RIGHT ANGLE CUTTER

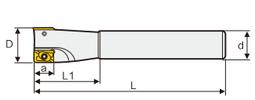
400R 直角高速端銑刀



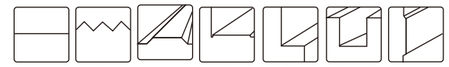
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
400R	25-C24-160	2	25	24	14	50	160	APMT1604 PDER	M4x9	T15
	25-C24-200	2	25	24	14	50	200			
	25-C24-250	2	25	24	14	50	250			
	25-C25-160	2	25	25	14	70	160			
	25-C25-200	2	25	25	14	70	200			
	25-C25-250	2	25	25	14	80	250			
	25-C25-300	2	25	25	14	80	300			
	26-C25-160	2	26	25	14	50	160	APMT1604 PDER	M4x9	T15
	26-C25-200	2	26	25	14	50	200			
	26-C25-250	2	26	25	14	50	250			
	26-C25-300	2	26	25	14	50	300			
	26-C25-350	2	26	25	14	50	350			
	30-C25-160	2	30	25	14	80	160	APMT1604 PDER	M4x9	T15
	30-C25-200	2	30	25	14	80	200			
	30-C25-250	2	30	25	14	80	250			
	32-C25-160	2	32	25	14	80	160	APMT1604 PDER	M4x10	T15
	32-C25-200	2	32	25	14	80	200			
	32-C25-250	2	32	25	14	80	250			
	32-C32-160	2/3	32	32	14	48	160			
	32-C32-200	2/3	32	32	14	48	200			
	32-C32-250	2/3	32	32	14	48	250			
	32-C32-300	2/3	32	32	14	48	300			
	32-C32-350	2/3	32	32	14	48	350			
	32-C32-400	2/3	32	32	14	80	400			
	35-C32-160	2/3	35	32	14	60	160	APMT1604 PDER	M4x10	T15
	35-C32-200	2/3	35	32	14	60	200			
	35-C32-250	2/3	35	32	14	60	250			
	35-C32-300	2/3	35	32	14	60	300			
	35-C32-350	2/3	35	32	14	60	350			
	35-C32-400	2/3	35	32	14	60	400			
	35-C32-450	2/3	35	32	14	60	450			
	40-C32-160	3	40	32	14	60	160	APMT1604 PDER	M4x10	T15
	40-C32-200	3	40	32	14	60	200			
	40-C32-250	3	40	32	14	60	250			
	40-C32-300	3	40	32	14	60	300			
	40-C32-350	2	40	32	14	80	350			
	40-C32-400	2	40	32	14	80	400			
	40-C32-450	2	40	32	14	80	450			

被削材 Cutting Material		硬度 HB	切削速度 Cutting Speed	每齒進給量FZ(mm/齒) Feed
軟鋼 Mild steel		<18HB	120-200	0.05-0.2
碳素鋼 Carbon steel		18-280HB	100-200	0.05-0.25
合金鋼 Alloy steel		280-350HB	80-160	
高硬度鋼 Hardened steel		>40HRC	50-100	0.05-0.15
不銹鋼 Stainless steel		<200HRC	80-160	0.05-0.25
普通鑄鐵 FC 250		伸張強度Flex strength<350N/mm²	100-160	0.1-0.25
<FCD450	铸铁	伸張強度Flex strength<450N/mm²	80-140	
<FCD500	Cast iron	伸張強度Flex strength<500-800N/mm²	60-120	0.05-0.25





INDEXABLE CUTTING TOOLS
SUKEN®

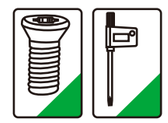


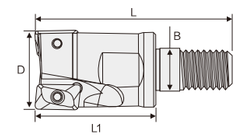
INDEXABLE SCREW TYPE MODULAR CUTTER

400R 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
400R	25-M12-2T	2	25	57	35	12.5	M12	APMT1604 PDER	M4x9	T15
	26-M12-2T	2	26	57	35	12.5	M12			
	30-M12-2T	2	30	57	35	12.5	M12			
	32-M16-3T	3	32	63	40	17	M16	APMT1604 PDER	M4x10	T15
	35-M16-3T	3	35	63	40	17	M16			
	40-M16-3T	3	40	63	40	17	M16			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN



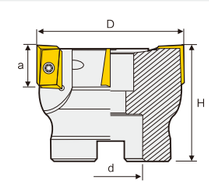


400R RIGHT ANGLE FACE MILLING CUTTER

400R 直角平面銑刀盤

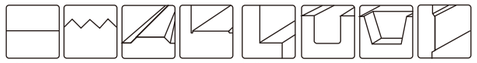
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
400R	50-22	4	50	22	14	50	APMT1604 PDER	M4	T15
	50-25.4	4	50	25.4	14	50			
	63-22	4	63	22	14	50	APMT1604 PDER	M4	T15
	63-22	5	63	22	14	50			
	63-25.4	4	63	25.4	14	50			
	63-25.4	5	63	25.4	14	50			
	80-25.4	6	80	25.4	14	50	APMT1604 PDER	M4	T15
	80-27	6	80	27	14	50			
	100-31.75	7	100	31.75	14	63			
	100-32	7	100	32	14	63			
	125-38.1	8	125	38.1	14	63	APMT1604 PDER	M4	T15
	125-40	8	125	40	14	63			
	160-40	10	160	40	14	63			
	160-50.8	10	160	50.8	14	63			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN



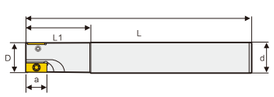
AHU RIGHT ANGLE CUTTER

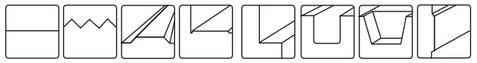
AHU 直角高速銑刀杆



AHU	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
	10-C10-130	1	10	10	9	30	130	JDMT1003○○R	M2.5X5	T8
	11-C10-130	1	11	10	9	25	130			
	12-C12-120	1	12	12	9	25	120			
	12-C12-150	1	12	12	9	25	150			
	13-C12-130	1	13	12	9	25	130			
	16-C15-160	2	16	15	9	35	160	JDMT1003○○R	M2.5X6	T8
	16-C15-200	2	16	15	9	25	200			
	16-C15.6-160	2	16	15.6	9	35	160			
	16-C15.6-200	2	16	15.6	9	25	200			
	16-C16-120	2	16	16	9	35	120			
	16-C16-160	2	16	16	9	50	160			
	16-C16-200	2	16	16	9	60	200			
	16-C16-250	2	16	16	9	70	250			
	17-C16-120	2	17	16	9	25	120	JDMT1003○○R	M2.5X6	T8
	17-C16-160	2	17	16	9	25	160			
	17-C16-200	2	17	16	9	25	200			
	17-C16-250	2	17	16	9	25	250			
	20-C19-160	2	20	19	9	30	160	JDMT1003○○R	M2.5X6	T8
	20-C19-200	2	20	19	9	30	200			
	20-C20-120	2	20	20	9	40	120			
	20-C20-160	2	20	20	9	40	160			
	20-C20-200	2	20	20	9	60	200			
	20-C20-250	2	20	20	9	80	250			
	21-C20-160	2	21	20	9	30	160	JDMT1003○○R	M2.5X6	T8
	21-C20-200	2	21	20	9	30	200			
	21-C20-250	2	21	20	9	30	250			
	25-C24-160	2	25	24	14	45	160	JDMT1505○○R	M4X9	T15
	25-C24-200	2	25	24	14	40	200			
	25-C24-250	2	25	24	14	50	250			
	25-C25-160	2/3	25	25	14	50/45	160			
	25-C25-200	2/3	25	25	14	70/60	200			
	25-C25-250	2/3	25	25	14	100/90	250			
	25-C25-300	2/3	25	25	14	150	300			
	26-C25-160	2/3	26	25	14	40	160	JDMT1505○○R	M4X9	T15
	26-C25-200	2/3	26	25	14	40	200			
	26-C25-250	2/3	26	25	14	40	250			
	26-C25-300	2/3	26	25	14	40	300			
	32-C32-160	2/3	32	32	14	50	160	JDMT1505○○R	M4X9	T15
	32-C32-200	2/3	32	32	14	70	200			
	32-C32-250	2/3	32	32	14	100	250			
	32-C32-300	2/3	32	32	14	100	300			
	32-C32-350	3	32	32	14	150	350			
	35-C32-160	3	35	32	14	45	160	JDMT1505○○R	M4X9	T15
	35-C32-200	3	35	32	14	45	200			
	35-C32-250	3	35	32	14	45	250			
	35-C32-300	3	35	32	14	45	300			
	35-C32-350	3	35	32	14	45	350			
	35-C32-400	3	35	32	14	45	400			
	35-C32-450	3	35	32	14	45	450			
	35-C32-500	3	35	32	14	45	500			
	40-C32-200	3	40	32	14	45	200	JDMT1505○○R	M4X9	T15
	40-C32-250	3	40	32	14	45	250			
	40-C32-300	3	40	32	14	45	300			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





AHU RIGHT ANGLE CUTTER

AHU 直角高速銑刀杆

特殊型號 Special specification

AHU	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
	16-C15-120	2	16	15	9	40	120	JDMT100308	M2.5X5	T8
	16-C15-160	2	16	15	9	40	160			
	16-C15-200	2	16	15	9	40	200			
	17-C16-120	2	17	16	9	50	120	JDMT100308	M2.5X5	T8
	17-C16-160	2	17	16	9	50	160			
	17-C16-200	2	17	16	9	50	200			
	20-C19-160	2	20	19	9	50	160	JDMT100308	M2.5X5	T8
	20-C19-200	2	20	19	9	50	200			
	21-C20-160	2	21	20	9	50	160			
	21-C20-200	2	21	20	9	50	200			
	25-C24-160	2	25	24	14	50	160	JDMT150508	M4X9	T15
	25-C24-200	2	25	24	14	50	200			
	25-C24-250	2	25	24	14	50	250			
	26-C25-160	2/3	26	25	14	50	160	JDMT150508	M4X9	T15
	26-C25-200	2/3	26	25	14	50	200			
	26-C25-250	2/3	26	25	14	50	250			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、刃口具備鋒利與強固兩大特點的高進給銑刀。
2、兼備優异切削性能和刃尖強度的大前角刃形割肩銑刀。
3、可用于傾斜加工的多功能刀具，最適合于葉片加工。

1、Super speed milling cutter featured with sharp and strong cutting edges
2、Shoulder milling with great front rake angle has good reputation for excellent milling performance and strong edge
3、Multi-functional cutter used for ramping and vane machining

被削材 Cutting Material		硬度 HB	切削速度 Cutting Speed	每齒進給量FZ(mm/齒) Feed
軟鋼 Mild steel		18HB以下	120-200	0.05-0.2
碳素鋼 Carbon steel		18-280HB	100-200	0.05-0.25
合金鋼 Alloy steel		280-350HB	80-160	
高硬度鋼 Hardened steel		40HRC以上	50-100	0.05-0.15
不銹鋼 Stainless steel		200HRC以下	80-160	0.05-0.25
普通鑄鐵 FC 250	鑄鐵 Cast iron	伸張強度350N/mm²以下	100-160	0.1-0.25
FCD450以下		伸張強度450N/mm²以下	80-140	
FCD500以下		伸張強度500-800N/mm²	60-120	0.05-0.25

INDEXABLE SCREW TYPE MODULAR CUTTER

AHU 鎖牙式立銑刀頭

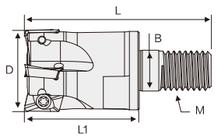
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AHU	16-M8-2T	2	16	46	28	8.5	M8	JDMT1003OOR	M2.5X6	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10	JDMT1003OOR	M2.5X6	T8
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12	JDMT1003OOR	M2.5X6	T8
	26-M12-3T	3	26	57	35	12.5	M12			
	32-M16-3T	3	32	63	40	17.0	M16	JDMT1505OOR	M4X9	T15
	35-M16-3T	3	35	63	40	17.0	M16			
	40-M16-3T	3	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

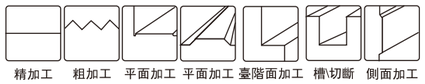
1、特殊幾何設計有效降低切削阻力。
2、快進給適合高效開粗。

1、Special geometry for lower cutting forces.
2、High feed for excellent rough machining.



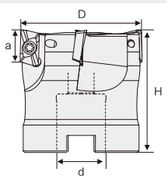
AHU FACE MILLING CUTTER

AHU 直角高速銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AHU	50-22-4T	4	50	22	14	50	JDMT1505	M4 x 9	T15
	50-25.4-4T	4	50	25.4	14	50			
	63-22-4T	4	63	22	14	50	JDMT1505	M4 x 9	T15
	63-25.4-4T	4	63	25.4	14	50			
	80-25.4-5T	5	80	25.4	14	50	JDMT1505	M4 x 9	T15
	80-27-6T	6	80	27	14	50			
	100-31.75-6T	6	100	31.75	14	50	JDMT1505	M4 x 9	T15
	100-32-7T	7	100	32	14	50			
	125-38.1-8T	8	125	38.1	14	63	JDMT1505	M4 x 9	T15
	125-40-8T	8	125	40	14	63			
	160-40-8T	8	160	40	14	63	JDMT1505	M4 x 9	T15
	160-50.8-8T	8	160	50.8	14	63			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN



RIGHT ANGLE FINE MILLING CUTTER

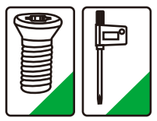
TEX 快削直角精銑刀

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TEX	14-C16-130	1	14	16	30	130	APET120204	M3.5x6	T15
	18-C20-130	2	18	20	30	130			
	20-C20-130	2	20	20	30	130			
	20-C20-160	2	20	20	35	160			
	20-C20-200	2	20	20	40	200			
	20-C20-250	2	20	20	50	250			
	21-C20-160	2	21	20	35	160	APET120204	M3.5x6	T15
	21-C20-200	2	21	20	40	200			
	21-C20-250	2	21	20	50	250			
	25-C25-160	2	25	25	35	160	ADET160308	M4x8	T15
	25-C25-200	2	25	25	40	200			
	25-C25-250	2	25	25	50	250			
	25-C25-300	2	25	25	55	300			
	30-C32-160	2	30	32	40	160	ADET160308	M4x8	T15
	32-C32-160	2	32	32	40	160			
	32-C32-200	2	32	32	45	200			
	32-C32-250	2	32	32	50	250			
	32-C32-300	2	32	32	60	300			
	32-C32-400	2	32	32	70	400			
	32-C42-400	2	32	42	90	400			
	35-C32-160	3	35	32	40	160	ADET160308	M4x8	T15
	35-C32-200	3	35	32	50	200			
	35-C32-250	3	35	32	50	250			
	35-C32-300	3	35	32	50	300			
	35-C32-350	3	35	32	50	350			
	35-C32-400	3	35	32	50	400			
	35-C42-250	3	35	42	50	250	ADET160308	M4x8	T15
	40-C42-160	3	40	42	45	160			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、適合精修切削。
2、優質合金鋼材料,鍍鎳表面處理來提高耐腐蝕性增加刀具壽命。
3、可替代鎢鋼銑刀，實現精加工的高要求。
1、Suitable for finishing milling
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life
3、It can replace carbide end mill and meet high demand on fine machining



PME MINI MILLING CUTTER

PME 小徑刀杆

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

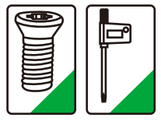
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
PME	10-C10-120L	2	10	10	25	120	EOMT0602**ZER EOMW0602**ZER ZOMT0602**ZER YOHW0602**ZER-12	M1.8	T6
	11-C10-120L	2	11	10	25	120			
	12-C12-120L	2	12	12	25	120			
	13-C12-120L	2	13	12	25	120			

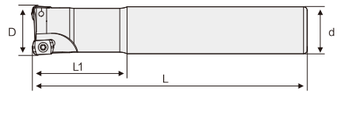
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、搭配獨特低阻力刀片，適合高效率加工
2、多刃結構，高進給加工

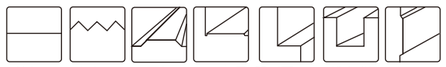
1. Fitted with special geometry inserts,suitable for high efficiency.
2. High feed machining with more teeth





MPM MODULAR CUTTER

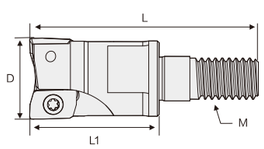
MPM 鎖牙式立銑刀頭



精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MPM	8-M4-1T	1	8	34.5	20	4.5	M4	EOMT0602**ZER EOMW0602**ZER ZOMT0602**ZER YOHW0602**ZER-12	M1.8	T6
	10-M6-2T	2	10	34.5	20	6.5	M6			
	11-M6-2T	2	11	34.5	20	6.5	M6			
	12-M6-2T	2	12	34.5	20	6.5	M6			
	13-M6-2T	2	13	34.5	20	6.5	M6			
	13-M6-3T	3	13	34.5	20	6.5	M6			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



RIGHT ANGLE MILLING CUTTER

T217.69 直角端銑刀

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

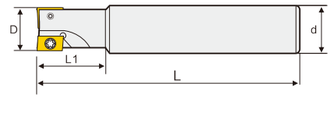
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
T217.69	XO0602-10-2T-120	2	10	10	20	120	XOMX0602	M1.8	T6
	XO0602-11-2T-120	2	11	10	16	120			
	XO0602-12-2T-120	2	12	12	25	120			
	XO0602-13-2T-120	2	13	12	18	120			

適用刀片 SUITABLE INSERT: 山高 SECO, 速肯 SUKEN

產品特性/Feature

1、適合精修切削。
2、優質合金鋼材料,鍍鎳表面處理來提高耐腐蝕性增加刀具壽命。

1、Suitable for finishing milling
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life



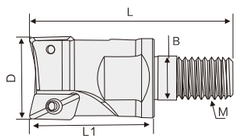
INDEXABLE SCREW TYPE MODULAR CUTTER

T217.69 鎖牙式立銑刀頭

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
T217.69	10-M5-2T	2	10	34.5	20	5.5	M5	XOMX0602	M1.8	T6
	11-M5-2T	2	11	34.5	20	5.5	M5			
	12-M6-2T	2	12	34.5	20	6.5	M6			
	13-M6-2T	2	13	34.5	20	6.5	M6			

適用刀片 SUITABLE INSERT: 山高 SECO, 速肯 SUKEN



ASM HIGH FEED MILLING CUTTER

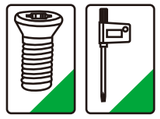
ASM 快進給立銑刀杆

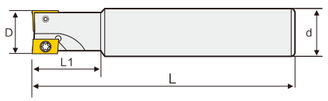
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASM	8-C8-100	2	10	8	25	100	JDMT070208R	M1.8	T6
	10-C10-110	2	10	10	25	110	JDMT070208R	M1.8	T6
	10-C10-120	2	10	10	25	120			
	11-C10-110	2	10	10	25	110			
	11-C10-120	2	10	10	25	120			
	12-C12-110	2	10	12	25	110	JDMT070208R	M1.8	T6
	12-C12-120	2	10	12	25	120			
	13-C12-110	2	10	12	25	110			
	13-C12-120	2	10	12	25	120			
	13-C12-150	2	10	12	25	150			
	17-C16-150	4	10	16	50	150	JDMT070208R	M1.8	T6
	17-C16-160	4	10	16	50	160			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、適合精修切削。 2、優質合金鋼材料,鍍鎳表面處理來提高耐腐蝕性增加刀具壽命。
1、Suitable for finishing milling
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life



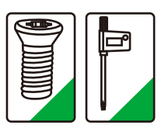


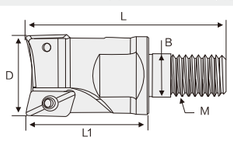
INDEXABLE SCREW TYPE MODULAR CUTTER

ASM 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASM	8-M4-1T	1	8	34.5	20	4.5	M4	JDMT070208R EDMT070220R	M1.8	T6
	9-M4-1T	1	9	34.5	20	4.5	M4			
	10-M5-2T	2	10	34.5	20	5.5	M5			
	10-M6-2T	2	10	34.5	20	6.5	M6			
	11-M5-2T	2	11	34.5	20	5.5	M5			
	11-M6-2T	2	11	34.5	20	6.5	M6			
	12-M6-2T	2	12	34.5	20	6.5	M6			
	13-M6-2T	2	13	34.5	20	6.5	M6			
	16-M8-4T	4	16	46	28	8.5	M8			
	17-M8-4T	4	17	46	28	8.5	M8			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





ADMX07 HIGH FEED MILLING CUTTER

ADMX07 快進給立銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ADMX07	8-C8-85L	1	8	8	7	25	85	ADMX07	M1.8	T6
	10-C10-85L	2	10	10	7	35	85			
	10-C10-120L	2	10	10	7	45	120			
	12-C12-85L	2	12	12	7	35	85			
	12-C12-120L	2	12	12	7	45	120			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 普拉米特 PRAMET

ASJ DRILLING MILLING CUTTER (LONGER FLUTE)

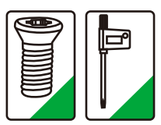
ASJ 鑽銑共用型銑刀(長刃型)

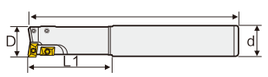
	型號 Specification	橫刃 Cross teeth	豎刃 Vertical teeth	外形尺寸(mm)Size D	d	L1	L	橫刀片 Cross insert	豎刀片 Vertical insert	螺絲 Screw	扳手 Wrench
ASJ	17-C16-160	1	1	17	16	10	160	ADMT 080308L	APMT 090208R	M2.5	T8
	20-C20-160	1	3	20	20	35	160	ADMT 100308L	ACMT 100308R	M2.5	T8
	20-C20-200	1	3	20	20	35	200				
	20-C20-250	1	3	20	20	35	250				
	25-C25-160	1	3	25	25	40	160	ADMT 12T308L	APMT 12T308R	M3	T8
	25-C25-200	1	3	25	25	40	200				
	25-C25-250	1	3	25	25	40	250				
	25-C25-300	1	3	25	25	40	300				
	26-C25-160	1	3	26	25	40	160	ADMT 12T308L	APMT 12T308R	M3	T8
	26-C25-200	1	3	26	25	40	200				
	26-C25-250	1	3	26	25	40	250				
	26-C25-300	1	3	26	25	40	300				
	32-C32-160	1	3	32	32	50	160	APMT 160408L	APMT 150408R	M4	T15
	32-C32-200	1	3	32	32	50	200				
	32-C32-250	1	3	32	32	50	250				
	32-C32-300	1	3	32	32	50	300				
	32-C32-350	1	3	32	32	50	350				
	35-C32-160	1	3	35	32	50	160	APMT 170408L	APMT 150408R	M4	T15
	35-C32-200	1	3	35	32	50	200				
	35-C32-250	1	3	35	32	50	250				
	35-C32-300	1	3	35	32	50	300				
	40-C40-160	1	4	40	40	55	160	APMT 190508L	APMT 150408R	M4	T15
	40-C40-200	1	4	40	40	55	200				
	40-C40-300	1	4	40	40	55	300				
	40-C40-400	1	4	40	40	55	400				

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

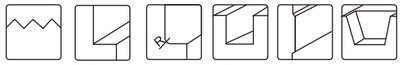
1、長刃的多功能刀具，極大的減少了工具的使用數。
2、從盲孔直式鑽或橫式切削。可做深粗銑加工。
3、底刃刀片角度較大，加工阻力輕。
1、Multi-functional with longer teeth to decrease the tool types
2、Drilling from the blind holes or crosswise milling. Deep rough milling
3、Larger bottom edge of the insert reduces the processing resistance





TJU DRILLING MILLING CUTTER

TJU(AJU) 過中心鑽銑刀



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片規格 A	B	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TJU (AJU)	10-C10-100	1	10	10	30	100	6.35	2.38	CCMT060204	M2.5	T8
	10-C10-130	1	10	10	30	130					
	12-C12-130	1	12	12	30	130	7.94	2.38	CPMT080204Z	M2.5	T8
	16-C16-120	2	16	16	35	120	6.35	2.38	CCMT060204	M2.5	T8
	16-C16-160	2	16	16	35	160	7.94		CPMT080204Z		
	16-C16-200	2	16	16	40	200					
	20-C20-160	2	20	20	50	160	6.35	2.38	CCMT060204	M2.5	T8
	20-C20-200	2	20	20	60	200	9.525		CPMT090204Z	M3.5	T15
	25-C25-160	2	25	25	60	160	9.525	3.18	CPMT090308	M4	T15
	25-C25-200	2	25	25	70	200	12.7		CPMT120308Z		
	25-C25-250	2	25	25	80	250					
	32-C32-160	2	32	32	60	160	12.7	4.76	CPMT120408	M5	T20
	32-C32-200	2	32	32	60	200	15.875		120430		
	32-C32-250	2	32	32	70	250			CPMT160408Z		
	32-C32-300	2	32	32	80	300			160430Z		
	35-C32-160	2	35	32	50	160	12.7	4.76	CPMT120408	M5	T20
	35-C32-200	2	35	32	50	200	15.875		120430		
	35-C32-250	2	35	32	50	250			CPMT160408Z		
									160430Z		
	40-C32-250	2	40	32	50	250	15.875	4.76	CPMT160408Z	M5	T20
	40-C32-300	2	40	32	50	300	19.05		160430Z		
									CPMT190408Z		
									190430Z		

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

特殊型號 Special specification

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片規格 A	B	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TJU (AJU)	16-C15-120	2	16	15	35	120	6.35	2.38	CCMT060204	M2.5	T8
	16-C15-160	2	16	15	35	160	7.94		CPMT080204Z		
	16-C15-200	2	16	15	40	200					
	20-C19-160	2	20	19	35	160	6.35	2.38	CCMT060204	M2.5	T8
	20-C19-200	2	20	19	40	200	9.525		CPMT090204Z	M3.5	T15
	25-C24-160	2	25	24	35	160	9.525	2.38	CCMT090308	M4	T15
	25-C24-200	2	25	24	35	200	12.7		CPMT120308Z		
	25-C24-250	2	25	24	40	250					

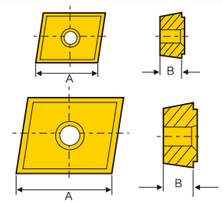
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

INDEXABLE CUTTING TOOLS
SUKEN®

TJU DRILLING MILLING CUTTER

TJU(AJU) 過中心鑽銑刀

特殊型號 Special specification

	型號 Specification	圖示 Figure	尺寸(mm)Size A	B	螺絲 Screw	扳手 Wrench
TJU (AJU)	CCMT060204		6.35	2.38	AJU-M2.5	T8
	CCMT090308		9.525	3.18	AJU-M3.5	T15
	CCMT120408		12.7	4.76	AJU-M4	T15
	CCMT080204Z		7.94	2.38	AJU-M2.5	T8
	CCMT090204Z		9.525	2.38	AJU-M3.5	T15
	CCMT120308Z		12.7	3.18	AJU-M4	T15
	CCMT160408Z		15.875	4.76	AJU-M5	T20
	CCMT190408Z		19.05	4.76	AJU-M5	T20

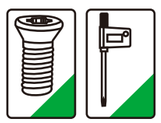
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

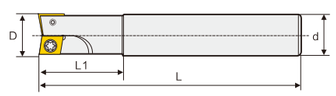
被削材 Cutting Material	刀片材質 Insert material	切削速度 Cutting Speed	加工情況 Processing situation	∅16 轉速 r/min	進給 mm/min	∅20 轉速 r/min	進給 mm/min	∅25 轉速 r/min	進給 mm/min	∅32 轉速 r/min	進給 mm/min	∅40 轉速 r/min	進給 mm/min	∅50 轉速 r/min	進給 mm/min
軟鋼 HB22 以下	HC844 Ex35	80-150	肩削	2980	420	2400	384	1910	384	1500	450	1200	430	960	290
			型腔銑	2980	1200	2400	1150	1910	1150	1500	1350	1200	1290	960	870
			鑽銑	1600	130	1600	130	1270	130	1500	150	1200	120	960	96
碳素鋼 合金鋼 30HRC以下	HC844 Ex35	65-120	肩削	2980	420	2400	384	1910	384	1500	450	1200	430	960	290
			型腔銑	2980	1200	2400	1150	1910	1150	1500	1350	1200	1290	960	870
			鑽銑	1280	100	1280	100	1020	100	1200	120	960	100	770	80
碳素鋼 合金鋼 30-40HRC	HC844 Ex35	40-80	肩削	1600	224	1270	203	1020	204	800	240	640	220	510	150
			型腔銑	1600	660	1270	530	1020	640	800	700	640	670	510	460
			鑽銑	700	60	720	60	570	60	680	70	540	55	430	45
不銹鋼 Stainless steel	HC844	60-110	肩削	2000	280	1600	265	1270	254	1050	320	840	300	670	200
			型腔銑	2000	800	1600	770	1270	770	1050	960	840	900	670	600
			鑽銑	1120	90	1120	90	890	90	1050	100	840	80	670	70
鑄鐵 Cast iron	Wh10	40-80	肩削	3000	600	2400	480	1910	380	1500	450	1200	360	960	290
			型腔銑	3000	1200	2400	1000	1910	1200	1500	1320	1200	1270	960	870
			鑽銑	700	60	720	60	570	60	680	70	540	55	430	45

產品特性/Feature

1、適用于模具加工。
2、從盲孔直式進刀及銑刀加工均無阻力。
3、多功能、帶底刃的立銑刀，只需一把刀具，即可實現無導孔的縱向進給(鑽孔)加工以及橫向進給(銑削)加工。可減少刀具種類，節約交換時間，減少設置時間。

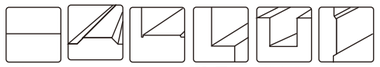
1、Suitable for mould machining
2、Feeding and milling from the blind holes without resistance
3、Multi-functional cutter used for drlling and milling to reduce cutter type and reset time





R390 INDEXABLE MILLING CUTTER

R390 高光型銑刀杆



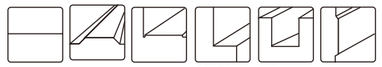
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
R390	16-C15-160	2	16	15	10	25	160	R390-11T308	M2.5X6	T8
	16-C15.6-160	2	16	15.6	10	25	160			
	16-C15.6-200	2	16	15.6	10	25	200			
	16-C16-160	2	16	16	10	25	160			
	16-C16-200	2	16	16	10	25	200			
	17-C16-160	2	17	16	10	25	160	R390-11T308	M2.5X6	T8
	17-C16-200	2	17	16	10	25	200			
	21-C20-160L	2	21	20	10	25	160	R390-11T308	M2.5X6	T8
	21-C20-200L	2	21	20	10	25	200			
	20-C19-160	2	20	19	10	25	160	R390-11T308	M2.5X6	T8
	20-C19-200	2	20	19	10	25	200			
	20-C20-160	2	20	20	10	25	160			
	20-C20-200	2	20	20	10	25	200			
	25-C25-160	2	25	25	17	60	160	R390-170408	M3.5X8	T15
	25-C25-200	2	25	25	17	60	200			
	25-C25-250	2	25	25	17	60	250			
	25-C24-160	2	25	24	17	50	160			
	25-C24-200	2	25	24	17	50	200			
	25-C24-250	2	25	24	17	50	250			
	26-C25-160	2	26	25	17	50	160	R390-170408	M3.5X8	T15
	26-C25-200	2	26	25	17	50	200			
	26-C25-250	2	26	25	17	50	250			
	32-C32-160	3	32	32	17	48	160	R390-170408	M3.5X8	T15
	32-C32-200	3	32	32	17	48	200			
	32-C32-250	3	32	32	17	48	250			
	35-C32-160	3	35	32	17	60	160	R390-170408	M3.5X8	T15
	35-C32-200	3	35	32	17	60	200			
	35-C32-250	3	35	32	17	60	250			
	35-C32-300	3	35	32	17	60	300			
	35-C32-350	3	35	32	17	60	350			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK

產品特性/Feature

1、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命
2、刀片位精確，保證切削光潔度
3、加工應用廣泛，一刀多用，提高效率

1. High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life
2. Precise positioning of clamping insert ensures cutting finish
3. One cutter for many different operations and conditions brings machining efficiency.

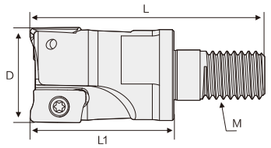


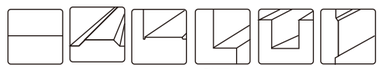
INDEXABLE SCREW TYPE MODULAR CUTTER

R390 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
R390	16-M8-2T	2	16	46	28	8.5	M8	R390-11T308	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-2T	2	25	57	35	12.5	M12	R390-170408	M3.5	T15
	26-M12-2T	2	26	57	35	12.5	M12			
	32-M16-3T	3	32	63	40	17.0	M16			
	35-M16-3T	3	35	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK



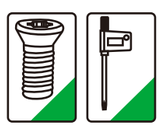


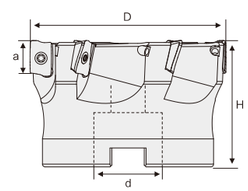
R390 FACE MILLING CUTTER

R390 高光型銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
R390	50-22-5T	5	50	22	10	40	R390-11T308	M2.5X6	T8
	63-22-6T	6	63	22	10	40			
	50-22-4T	4	50	22	17	50	R390-170408	M3.5X8	T15
	63-22-4T	4	63	22	17	50			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK



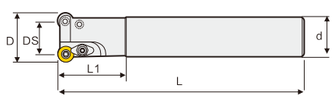


EMR ROUND MILLING CUTTER

EMR 捨弃式銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
EMR	2.5R10-C10-120	2	10	5	10	20	120	RDMW0517 MOE	M2X4.5	\	T6
	2.5R12-C10-120	2	12	5	10	20	120				
	2.5R12-C12-120	2	12	7	12	20	120				
	4R12-C12-130	1	12	4	12	30	130	RPMW0802 MOE	M3X6 M3X7	Y-4R	T8
	4R16-C16-160	2	16	8	16	40	160				
	4R16-C16-200	2	16	8	16	40	200				
	4R20-C20-160	2	20	12	20	60	160				
	4R20-C20-200	2	20	12	20	70	200				
	5R20-C20-160	2	20	12	20	60	160	RPMW1003 MOE	M4X9 M3.5X9	Y-5R	T15
	5R20-C20-200	2	20	12	20	70	200				
	5R25-C20-160	2	25	15	20	40	160				
	5R25-C20-200	2	25	15	20	40	200				
	5R25-C25-160	2	25	15	25	60	160				
	5R25-C25-200	2	25	15	25	70	200				
	5R25-C25-250	2	25	15	25	80	250				
	5R30-C3/4-110	2	30	20	3/4	30	110	RPMW1003 MOE	M4X9 M3.5X9	Y-5R	T15
	5R30-C20-110	2	30	20	20	30	110				
	5R30-C25-160	2	30	20	25	35	160				
	5R30-C25-200	2	30	20	25	35	200				
	5R30-C25-250	2	30	20	25	35	250				
	5R35-C32-160	2/3	35	25	32	48	160	RPMW1003 MOE	M4X9 M3.5X9	Y-5R	T15
	5R35-C32-200	2/3	35	25	32	48	200				
	5R35-C32-250	2/3	35	25	32	48	250				
	5R35-C32-300	2/3	35	25	32	48	300				
	5R35-C32-350	2/3	35	25	32	48	350				
	6R30-C25-160	2	30	20	25	42	160	RPMW1204 MOE	M4X9 M4X10	Y-6R	T15
	6R30-C25-200	2	30	20	25	42	200				
	6R30-C25-250	2	30	20	25	42	250				
	6R32-C25-160	2	32	20	25	42	160				
	6R32-C25-200	2	32	20	25	42	200				
	6R32-C25-250	2	32	20	25	42	250				
	6R35-C32-160	2/3	35	20	32	42	160	RPMW1204 MOE	M4X9 M4X10	Y-6R	T15
	6R35-C32-200	2/3	35	20	32	42	200				
	6R35-C32-250	2/3	35	20	32	42	250				
	6R35-C32-300	2/3	35	20	32	42	300				
	6R40-C32-160	3	40	28	32	48	160	RPMW1204 MOE	M4X9 M4X10	Y-6R	T15
	6R40-C32-200	3	40	28	32	48	200				
	6R40-C32-250	3	40	28	32	48	250				
	6R40-C32-300	3	40	28	32	48	300	RPMW1204 MOE	M4X9 M4X10	Y-6R	T15
	6R50-C32-160	4	50	38	32	48	160				
	6R50-C32-200	4	50	38	32	48	200				
	6R50-C32-250	4	50	38	32	48	250				

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



EMR ROUND MILLING CUTTER

EMR 捨弃式銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
EMR	4R13-C12-130	2	13	4	12	30	130	RPMW0802 MOE	M3X6 M3X7	Y-4R	T8
	4R16-C15-160	2	16	8	15	40	160				
	4R16-C15-200	2	16	8	15	40	200				
	4R17-C16-160	2	17	8	16	40	160				
	4R17-C16-200	2	17	8	16	40	200				
	4R20-C19-160	2	20	12	19	60	160	RPMW0802 MOE	M3X6 M3X7	Y-4R	T8
	4R20-C19-200	2	20	12	19	70	200				
	4R21-C20-160	2	21	12	20	60	160				
	4R21-C20-200	2	21	12	20	70	200				
	5R25-C24-160	2	25	15	24	60	160	RPMW1003 MOE	M4X8 M3.5X7	Y-5R	T15
	5R25-C24-200	2	25	15	24	70	200				
	5R25-C24-250	2	25	15	24	80	250				
	5R26-C25-160	2	26	16	25	60	160				
	5R26-C25-200	2	26	16	25	70	200				
	5R26-C25-250	2	26	16	25	80	250				

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

推薦切削條件 Suggest cutting data

切削速度 Cutting speed

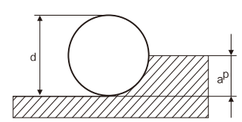
被削材 Cutting Material	硬度 HB	涂層 F7030	涂層 VP15TF	硬質合金 Carbide UT120T
軟鋼 Mild steel	<180HB	200-300	200-300	100-200
碳素鋼 Carbon steel	HB180-280	130-200	130-200	100-160
合金鋼 Alloy steel	HB280-380	110-180	110-180	70-120
不銹鋼 Stainless steel	HRC35-45	80-140	80-140	60-100
高合金鋼High alloy steel	300HB	90-160	90-160	70-120
調質鋼Hardened steel	45-60HRC	\	50-100	40-70
SUS420	<260HB	130-220	130-220	100-170
普通鑄鐵Common cast iron	Strength 350N/mm²	\	130-220	100-170
鑄鐵 cast iron	Strength 360-500N/mm²	\	100-180	80-140
	Strength 500-800N/mm²	\	80-140	70-110

每刃進給量 (mm/tooth)

刀片直徑	切深 (mm) 1	2	3	4	5	6	7	8
08	0.40	0.30	0.20	0.10	\	\	\	\
10	0.40	0.35	0.30	0.20	0.10	\	\	\
12	0.50	0.40	0.30	0.25	0.23	0.20	\	\
16	0.60	0.50	0.45	0.40	0.30	0.30	0.25	0.20

EMR規格刀杆的頁面底部加：主軸轉速= $\frac{1000X切削速度}{3.14X刀具直徑}$

進給量=FZX刀具刃數XS

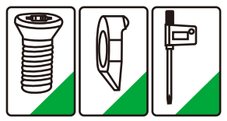


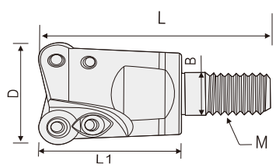
INDEXABLE SCREW TYPE MODULAR CUTTER

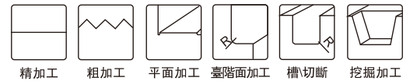
EMR 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EMR4R	16-M8-2T	2	16	46	28	8.5	M8	RPMW0802	M3.0	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			
EMR5R	20-M10-2T	2	20	49	30	10.5	M10	RPMW1003	M4.0	T15
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-2T	2	25	57	35	12.5	M12			
	26-M12-2T	2	26	57	35	12.5	M12			
	30-M12-2T	3	30	57	35	12.5	M12			
	32-M16-3T	3	32	57	35	12.5	M16			
	35-M16-3T	3	35	63	40	17.0	M16			
	40-M16-3T	3	40	63	40	17.0	M16			
EMR6R	30-M16-3T	3	30	57	35	12.5	M12	RPMW1204	M4.0	T15
	32-M16-3T	3	32	57	35	12.5	M16			
	35-M16-3T	3	35	63	40	17.0	M16			
	40-M16-4T	3/4	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN





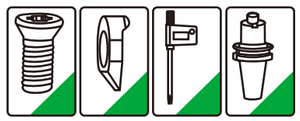


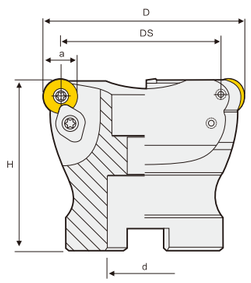
EMRW ROUND FACE MILLING CUTTER

EMRW 圓刀刃平面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	H	a	刀片型號 Insert	壓板 Clamp	螺絲 Screw	扳手 Wrench
EMRW	5R50-22	4	50	40	22	50	10	RPMW1003	5R	M4	T15
	5R63-22	4	63	43	22	50	10				
	5R80-27	6	80	70	27	50	10				
	5R100-32	8	100	90	32	50	10				
	6R40-16	4	40	38	16	50	12	RPMW1204	6R	M4	T15
	6R50-22	4	50	38	22	50	12				
	6R50-25.4	4	50	38	25.4	50	12				
	6R63-22	4	63	41	22	50	12	RPMW1204	6R	M4	T15
	6R63-22	5	63	41	22	50	12				
	6R63-25.4	4	63	41	25.4	50	12				
	6R63-25.4	5	63	41	25.4	50	12	RPMW1204	6R	M4	T15
	6R80-27	5	80	68	27	50	12				
	6R80-27	6	80	68	27	50	12				
	6R80-31.75	5	80	68	31.75	50	12	RPMW1204	6R	M4	T15
	6R100-31.75	6	100	88	31.75	50	12				
	6R100-32	5	100	88	32	50	12				
	6R100-32	6	100	88	32	50	12	RPMW1204	6R	M4	T15
	6R125-40	8	125	88	40	63	12				
	6R160-40	8	160	88	40	63	12				

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



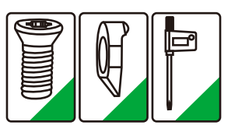


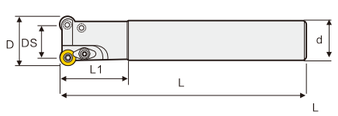
EMRT ROUND MILLING CUTTER

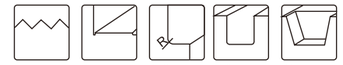
EMRT 捨弃式銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EMRT	4R12-C12-130	1	12	4	12	30	130	RPMT08T2 MOE	M3X6 M3X7	T8
	4R16-C16-160	2	16	8	16	40	160			
	4R16-C16-200	2	16	8	16	40	200			
	4R20-C20-160	2	20	12	20	60	160			
	4R20-C20-200	2	20	12	20	70	200			
	5R20-C20-160	2	20	12	20	60	160	RPMT10T3 MOE	M4X8 M3.5X9	T15
	5R20-C20-200	2	20	12	20	70	200			
	5R25-C20-160	2	25	15	20	40	160			
	5R25-C20-200	2	25	15	20	40	200			
	5R25-C25-160	2	25	15	25	60	160			
	5R25-C25-200	2	25	15	25	70	200			
	5R25-C25-250	2	25	15	25	80	250			
	5R30-C3/4-110	2	30	20	3/4	30	110	RPMT10T3 MOE	M4X8 M3.5X9	T15
	5R30-C20-110	2	30	20	20	30	110			
	5R30-C25-160	2	30	20	25	35	160			
	5R30-C25-200	2	30	20	25	35	200			
	5R30-C25-250	2	30	20	25	35	250			
	5R35-C32-160	2/3	35	25	32	48	160	RPMT10T3 MOE	M4X8 M3.5X9	T15
	5R35-C32-200	2/3	35	25	32	48	200			
	5R35-C32-250	2/3	35	25	32	48	250			
	5R35-C32-300	2/3	35	25	32	48	300			
	5R35-C32-350	2/3	35	25	32	48	350			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN







EMRT ROUND MILLING CUTTER

EMRT 捨弃式銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EMRT	4R13-C12-130	2	13	4	12	30	130	RPMT08T2 MOE	M3X6 M3X7	T8
	4R16-C15-160	2	16	8	15	40	160			
	4R16-C15-200	2	16	8	15	40	200			
	4R17-C16-160	2	17	8	16	40	160			
	4R17-C16-200	2	17	8	16	40	200			
	4R21-C20-160	2	21	12	20	60	160	RPMT08T2 MOE	M3X6 M3X7	T8
	4R21-C20-200	2	21	12	20	70	200			
	4R20-C19-160	2	20	12	19	60	160			
	4R20-C19-200	2	20	12	19	70	200			
	5R25-C24-160	2	25	15	24	60	160	RPMT10T3 MOE	M4X8 M3.5X9	T15
	5R25-C24-200	2	25	15	24	70	200			
	5R25-C24-250	2	25	15	24	80	250			
	5R26-C25-160	2	26	15	25	60	160			
	5R26-C25-200	2	26	15	25	70	200			
	5R26-C25-250	2	26	15	25	80	250			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

推薦切削條件 Suggest cutting data

切削速度 Cutting speed

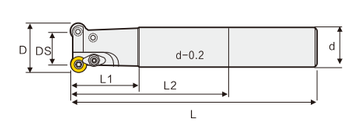
被削材 Cutting Material	硬度 HB	涂層 F7030	涂層 VP15TF	硬質合金 Carbide UT120T
軟鋼 Mild steel	<180HB	200-300	200-300	100-200
碳素鋼 Carbon	HB180-280	130-200	130-200	100-160
合金鋼 Alloy steel	HB280-380	110-180	110-180	70-120
不銹鋼 Stainless steel	HRC35-45	80-140	80-140	60-100
高合金鋼High alloy steel	300HB	90-160	90-160	70-120
調質鋼Hardened steel	45-60HRC	\	50-100	40-70
SUS420	<260HB	130-220	130-220	100-170
普通鑄鐵Common cast iron	Strength 350N/mm²	\	130-220	100-170
鑄鐵 cast iron	Strength 360-500N/mm²	\	100-180	80-140
	Strength 500-800N/mm²	\	80-140	70-110

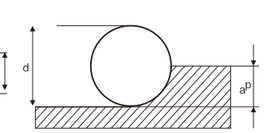
每刃進給量 (mm/tooth)

刀片直徑	切深 (mm) 1	2	3	4	5	6	7	8
08	0.40	0.30	0.20	0.10	\	\	\	\
10	0.40	0.35	0.30	0.20	0.10	\	\	\
12	0.50	0.40	0.30	0.25	0.23	0.20	\	\
16	0.60	0.50	0.45	0.40	0.33	0.30	0.25	0.20

EMR規格刀杆的頁面底部加：主軸轉速= $\frac{1000X切削速度}{3.14X刀具直徑}$

進給量=FZX刀具刃數XS



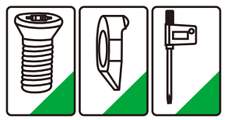


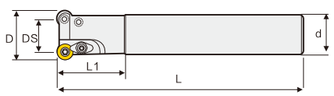
TRS ROUND MILLING CUTTER

TRS 捨弃式銑刀杆

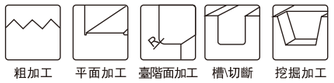
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
TRS	4R12-C12-130	1	12	4	12	35	130	RDMT0802 MOTN	M3X6 M3X7	Y-4R	T8
	4R16-C16-160	2	16	8	16	50	160				
	4R16-C16-200	2	16	8	16	50	200				
	4R20-C20-160	2	20	12	20	60	160				
	4R20-C20-200	2	20	12	20	70	200				
	5R20-C20-160	2	20	10	20	60	160	RDMT10T3 MOTN	M4X8 M3.5X9	Y-5R	T15
	5R20-C20-200	2	20	10	20	70	200				
	5R25-C20-160	2	25	15	20	40	160				
	5R25-C20-200	2	25	15	20	40	200				
	5R25-C25-160	2	25	15	25	60	160				
	5R25-C25-200	2	25	15	25	70	200				
	5R25-C25-250	2	25	15	25	80	250				
	5R30-C25-160	2	30	20	25	40	160	RDMT10T3 MOTN	M4X8 M3.5X9	Y-5R	T15
	5R30-C25-200	2	30	20	25	40	200				
	5R30-C25-250	2	30	20	25	40	250				
	5R32-C32-160	3	32	20	32	40	160				
	5R32-C32-200	3	32	20	32	40	200				
	5R35-C32-160	2/3	35	25	32	48	160	RDMT10T3 MOTN	M4X8 M3.5X9	Y-5R	T15
	5R35-C32-200	2/3	35	25	32	48	200				
	5R35-C32-250	2/3	35	25	32	48	250				
	5R35-C32-300	2/3	35	25	32	48	300				
	5R35-C32-350	2/3	35	25	32	48	350	RDMT10T3 MOTN	M4X8 M3.5X9	Y-5R	T15
	5R40-C32-160	3	40	30	32	48	160				
	5R40-C32-200	3	40	30	32	48	200				
	5R40-C32-250	3	40	30	32	48	250				
	5R40-C32-300	3	40	30	32	48	300				
	6R30-C25-160	2	30	20	25	48	160	RDMT1204 MOTN	M4X9 M4X10	Y-6R	T15
	6R30-C25-200	2	32	20	25	48	200				
	6R30-C25-250	2	32	20	25	48	250				
	6R32-C25-160	2	32	20	25	48	160	RDMT1204 MOTN	M4X9 M4X10	Y-6R	T15
	6R32-C25-200	2	32	20	25	48	200				
	6R32-C25-250	2	32	20	25	48	250				
	6R35-C32-160	2/3	35	20	32	48	160	RDMT1204 MOTN	M4X9 M4X10	Y-6R	T15
	6R35-C32-200	2/3	35	20	32	48	200				
	6R35-C32-250	2/3	35	20	32	48	250				
	6R35-C32-300	2/3	35	20	32	48	300				
	6R35-C32-350	2/3	35	20	32	48	350				
	6R35-C32-400	2/3	35	20	32	48	400				
	6R40-C32-160	3	40	28	32	48	160	RDMT1204 MOTN	M4X9 M4X10	Y-6R	T15
	6R40-C32-200	3	40	28	32	48	200				
	6R40-C32-250	3	40	28	32	48	250				

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





INDEXABLE CUTTING TOOLS
SUKEN®



TRS ROUND MILLING CUTTER

TRS 捨弃式銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	壓板 Clamp	扳手 Wrench
TRS	4R13-C12-130	1	13	4	12	35	130	RDMT0802MO	M3X6 M3X7	Y-4R	T8
	4R16-C15-160	2	16	8	15	50	160				
	4R16-C15-200	2	16	8	15	50	200				
	4R17-C16-160	2	17	9	16	50	160				
	4R17-C16-200	2	17	9	16	50	200				
	4R20-C19-160	2	20	12	19	60	160				
	4R20-C19-200	2	20	12	19	70	200				
	4R21-C20-160	2	21	13	20	60	160				
	4R21-C20-200	2	21	13	20	70	200				
	5R25-C24-160	2	25	15	24	60	160	RDMT10T3MO	M4X8 M3.5X9	Y-5R	T15
	5R25-C24-200	2	25	15	24	70	200				
	5R25-C24-250	2	25	15	24	80	250				
	5R26-C25-160	2	26	16	25	60	160				
	5R26-C25-200	2	26	16	25	70	200				
	5R26-C25-250	2	26	16	25	80	250				

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

推薦切削條件 Suggest cutting data

切削速度 Cutting speed

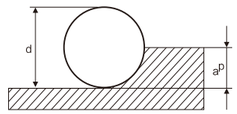
被削材 Cutting Material	硬度 HB	刀片材質Insert material CY150	CY250	CY25	CF30	CF100H	WH10
一般鋼 Steel	<200HB	\	150-250	\	\	\	\
碳素鋼 Carbon 合金鋼 Alloy steel	<30HRC	\	120-230	\	\	\	\
	30-40HRC	\	100-200	\	\	\	\
	35-40HRC	\	60-150	\	\	\	\
	45-55HRC	60-100	\	\	\	\	\
不銹鋼 Stainless steel	extend intension 350N/mm²	\	150-240	\	150-240	\	\
普通鑄鐵 Common cast iron	FC	\	\	\	\	100-220	\
	FCD	\	\	\	\	\	

每刃進給量 (mm/tooth)

刀片直徑	切深 (mm) 1	2	3	4	5	6	7	8
08	0.40	0.30	0.20	0.10	\	\	\	\
10	0.40	0.35	0.30	0.20	0.10	\	\	\
12	0.50	0.40	0.30	0.25	0.23	0.20	\	\
16	0.60	0.50	0.45	0.40	0.33	0.30	0.25	0.20

TRS規格刀杆的頁面底部加：主軸轉速= $\frac{1000\text{X切削速度}}{3.14\text{X刀具直徑}}$

進給量=FZX刀具刃數XS

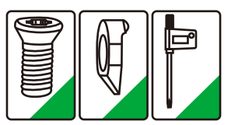


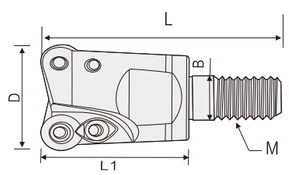
INDEXABLE SCREW TYPE MODULAR CUTTER

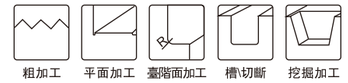
TRS 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TRS4R	16-M8-2T	2	16	46	28	8.5	M8	RDMT0802 MOTN	M3.0	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			
TRS5R	20-M10-2T	2	20	49	30	10.5	M10	RDMT10T3 MOTN	M4.0	T15
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-2T	2	25	57	35	12.5	M12			
	26-M12-2T	2	26	57	35	12.5	M12			
	30-M12-2T	3	30	57	35	12.5	M12			
	32-M16-3T	3	32	57	35	12.5	M16			
	35-M16-3T	3	35	63	40	17.0	M16			
	40-M16-3T	3	40	63	40	17.0	M16			
TRS6R	30-M16-3T	3	30	57	35	12.5	M12	RDMT1204 MOTN	M4.0	T15
	32-M16-3T	3	32	57	35	12.5	M16			
	35-M16-3T	3	35	63	40	17.0	M16			
	40-M16-4T	3/4	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





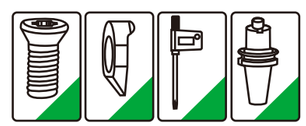


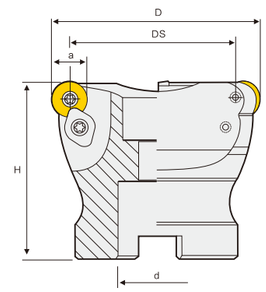
TRS ROUND FACE MILLING CUTTER

TRS 圓刀刃平面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	H	刀片型號 Insert	壓板 Clamp	螺絲 Screw	扳手 Wrench
TRS	5R50-22	4	50	40	22	50	RDMT10T3	Y-5R M4	M4	T15
	5R50-25.4	4	50	40	25.4	50				
	5R63-22	5	63	53	22	50	RDMT10T3	Y-5R M4	M4	T15
	5R63-25.4	4	63	53	25.4	50				
	5R63-25.4	5	63	53	25.4	50				
	6R50-22	4	50	38	22	50	RDMT1204	Y-5R M4	M4	T15
	6R63-22	4	63	51	22	50				
	6R80-27	5	80	68	27	50				
	6R100-32	6	100	88	32	50				
	8R63-22	4	63	47	22	50	RDMX1604	Y-8R M5	M5	T20
	8R63-25.4	4	63	47	25.4	50				
	8R80-25.4	4	80	64	25.4	50	RDMX1604	Y-8R M5	M5	T20
	8R80-27	5	80	64	27	50				
	8R100-31.75	6	100	84	31.75	50	RDMX1604	Y-8R M5	M5	T20
	8R100-32	6	100	84	32	50				
	8R-125-40	7	125	109	40	63				
	8R-160-40	8	160	144	40	63				

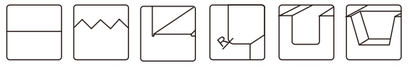
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





JRC FINE MILLING CUTTER

JRC 捨弃式精銑刀杆



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
JRC	5R25-C20-160	2	25	15	20	40	160	RC*T10T3	M3.5X7	T15
	5R25-C20-200	2	25	15	20	40	200			
	5R25-C25-160	2	25	15	25	60	160	RC*T10T3	M3.5X7	T15
	5R25-C25-200	2	25	15	25	70	200			
	5R25-C25-250	2	25	15	25	60	250			
	6R32-C25-160	2	32	20	25	50	160	RC*T1204	M3.5X7	T15
	6R32-C25-200	2	32	20	25	50	200			
	6R32-C25-250	2	32	20	25	50	250			
	6R40-C32-160	3	40	28	32	60	160	RC*T1204	M3.5X7	T15
	6R40-C32-200	3	40	28	32	60	200			
	6R40-C32-250	3	40	28	32	60	250			
	6R40-C32-300	3	50	38	32	60	300			
	6R50-C32-200	4	50	38	32	60	200	RC*T1204	M3.5X7	T15
	6R50-C32-250	4	50	38	32	60	250			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK

特殊型號 Special specification

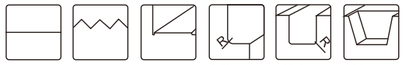
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
JRC	5R25-C24-160	2	25	15	24	60	160	RC*T10T3	M3.5X7	T15
	5R25-C24-200	2	25	15	24	70	200			
	5R25-C24-250	2	25	15	24	80	250			
	5R26-C25-160	2	26	16	25	60	160	RC*T10T3	M3.5X7	T15
	5R26-C25-200	2	26	16	25	70	200			
	5R26-C25-250	2	26	16	25	80	250			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK

特點/Feature

1、適配山特維克精磨刀片，精度更高，精加工效果更佳。
2、刀體整體預熱后硬度達到HRC50度，再進精磨。避免二次熱處理使刀體產生變形，從而確保了精確的公差範圍和超強的鋼性。（本冊所有刀具同原理）。

1、Suitable for sandvik insert with high precision and finish milling performance
2、Before finish milling the whole tool should be preheated until the hardness reaches HRC50. The deformation will be avoided by secondary heating treatment, so that the precision tolerance and super stiffness can be ensured

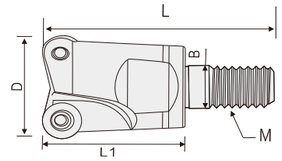


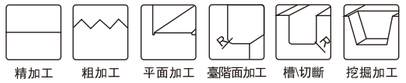
INDEXABLE SCREW TYPE MODULAR CUTTER

JRC 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
JRC	5R25-M12-2T	2	25	57	35	12.5	M12	RC*T10T3	M3.5x7	T15
	5R26-M12-2T	2	26	57	35	12.5	M12			
	5R30-M12-2T	2	30	57	35	12.5	M12			
	5R32-M16-3T	3	32	57	35	17	M16			
	6R30-M16-2T	2	30	57	35	17	M16	RC*T1204	M4x9	T15
	6R32-M16-3T	3	32	57	35	17	M16			
	6R35-M16-3T	3	35	57	35	17	M16			
	6R40-M16-3T	3	40	57	35	17	M16			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK





JRC ROUND FACE MILLING CUTTER

JRC 圓刀刃平面銑刀盤

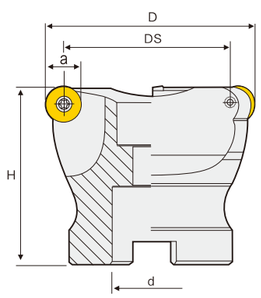
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	H	a	刀片型號 Insert	壓板 Clamp	螺絲 Screw	扳手 Wrench
JRC	5R50-22	4	50	40	22	50	10	RC*T10T3	\	M3.5	T15
	5R50-25.4	4	50	40	25.4	50	10				
	6R50-22	4	50	38	22	50	12	RC*T1204	\	M3.5	T15
	6R50-22	4	50	38	22	50	12	RC*T1204	Y-6R	M3.5	T15
	6R50-25.4	4	50	38	25.4	50	12	RC*T1204	\	M3.5	T15
	5R63-22	4	63	53	22	50	10	RC*T10T3	\	M3.5	T15
	5R63-25.4	4	63	53	25.4	50	10				
	6R63-22	4	63	51	22	50	12	RC*T1204	\	M3.5	T15
	6R63-22	4	63	51	22	50	12	RC*T1204	Y-6R	M3.5	T15
	6R63-25.4	4	63	51	25.4	50	12	RC*T1204	\	M3.5	T15

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 山特維克 SANDVIK

產品特性/Feature

1、適配山特維克精磨刀片，精度更高，精加工效果更佳。
2、雙重夾緊機構鋼性好。

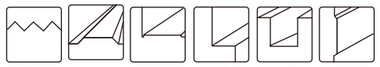
1、Suitable for high feed milling
2、Extremely dual clamping mechanism enhances the stability and rigidity



INDEXABLE CUTTING TOOLS
SUKEN®

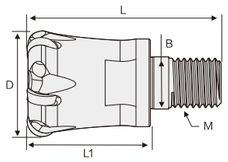
INDEXABLE SCREW TYPE MODULAR CUTTER

SKR 鎖牙式高速立銑刀頭(旋風銑)



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKR	20-M10-2T	2	20	57	35	12.5	M10	RPAT1035EDR SK30	M4.0	TL10
	25-M12-3T	3	25	57	35	12.5	M12			
	30-M12-3T	3	30	57	35	12.5	M12			
	32-M16-3T	3	32	63	40	17	M16			
	32-M16-4T	4	32	63	40	17	M16			
	35-M16-3T	3	35	63	40	17	M16			
	35-M16-4T	4	35	63	40	17	M16			
	40-M16-4T	4	40	63	40	17	M16			
	40-M16-5T	5	40	63	40	17	M16			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

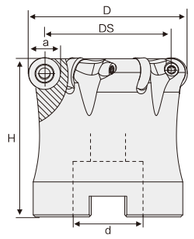


SKR HIGH FEED MILLING CUTTER

SKR 高速面銑刀盤(旋風銑)

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	DS	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKR	50-22	6	50	40	22	50	RPAT1035EDR SK30	M4.0	TL10
	63-22	8	63	53	22	50			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



SKR CUTTING DATA

SKR旋風銑加工參數

工件材料 Workpiece	D20R5 轉速 n(r/min)	進給 f(mm/min)	下刀量 ap(mm)	D25R5 轉速 n(r/min)	進給 f(mm/min)	下刀量 ap(mm)	D30R5 轉速 n(r/min)	進給 f(mm/min)	下刀量 ap(mm)	D35R5 轉速 n(r/min)	進給 f(mm/min)	下刀量 ap(mm)	D40R5 轉速 n(r/min)	進給 f(mm/min)	下刀量 ap(mm)
碳素鋼Carbon steel 合金鋼Alloy steel (HRC30以下)	4800-5200	3300-3600	0.4-0.6mm	4800-5000	3500-3800	0.5-0.8mm	4800-5000	3800-4000	0.6-0.8mm	4200-4500	3800-4000	0.7-1mm	3500-3700	3800-4000	0.7-1mm
碳素鋼Carbon steel 合金鋼Alloy steel (HRC30-36)	4800-5000	3200-3500	0.4-0.5mm	4500-4800	3500-3800	0.5-0.6mm	4500-4800	3500-3600	0.5-0.7mm	4300-4500	3500-3800	0.5-0.8mm	3300-3600	3600-4000	0.5-0.8mm
碳素鋼Carbon steel 合金鋼Alloy steel (HRC36-42)	4600-4800	2500-3000	0.3-0.4mm	4000-4500	2500-3000	0.3-0.5mm	4000-4200	3000-3200	0.4-0.5mm	3800-4000	3000-3500	0.4-0.6mm	3000-3200	3300-3600	0.4-0.6mm
鑄鐵Cast iron	5200-5500	3600-3800	0.5-0.7mm	5000-5200	3800-4000	0.6-0.8mm	4800-5000	3800-4000	0.8-1mm	4500-4600	4000-4200	0.8-1.2mm	3500-3800	4000-4200	0.8-1.2mm
普通鑄件 Common castings	5200-5500	3600-4000	0.5-0.7mm	5200-5500	3800-4000	0.6-0.8mm	4800-5200	4000-4200	0.8-1mm	4500-4800	4000-4500	0.8-1.2mm	4500-4000	4000-4500	0.8-1.2mm

備注：以上數據參考視機床剛性、工件裝夾穩定性做相應的調整
The above cutting data should be adjusted according to the machine rigidity and workpiece clamping fixture stability.

	工件材料 Workpiece	碳素鋼Carbon steel 合金鋼Alloy steel (HRC30以下)	碳素鋼Carbon steel 合金鋼Alloy steel (HRC30-36)	碳素鋼Carbon steel 合金鋼Alloy steel (HRC36-42)	鑄鐵 Cast iron	普通鑄件 Common castings
D50R5	轉速 n(r/min)	2000-2200	1800-2000	1600-1800	2000-2200	1800-2200
	進給 f(mm/min)	3500-4000	3200-3500	3200-3500	4200-4500	4000-4500
	下刀量 ap(mm)	0.8-1.2mm	0.8-1.2mm	0.6-0.8mm	1-1.2mm	1-1.5mm
D63R5	轉速 n(r/min)	1600-1800	1500-1700	1300-1600	1800-2000	1600-2000
	進給 f(mm/min)	3600-4200	3300-3600	3500-3800	4200-4500	4200-4500
	下刀量 ap(mm)	0.8-1.2mm	0.8-1.2mm	0.6-0.8mm	1.2-1.5mm	1-1.5mm

備注：以上數據參考視機床剛性、工件裝夾穩定性做相應的調整
The above cutting data should be adjusted according to the machine rigidity and workpiece clamping fixture stability.

T2139 BALL-NOSE FINE MILLING CUTTER

T2139 球頭精加工立銑刀

精加工 | 曲綫仿形 仿形加工

	型號 Specification	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
T2139	4R-C10-100	8	10	28	100	P3202-D08	T2139-D08	T8
	4R-C10-130	8	10	28	130			
	4R-C12-130	8	12	50	130			
	4R-C12-160	8	12	65	160			
	5R-C12-130	10	12	32	130	P3202-D10	T2139-D10	T15
	5R-C12-160	10	12	32	160			
	6R-C12-120	12	12	32	120	P3202-D12	T2139-D12	T20
	6R-C12-130	12	12	32	130			
	6R-C12-160	12	12	32	160			
	6R-C16-160	12	16	32	160			
	6R-C16-200	12	16	32	200			
	8R-C16-130	16	16	65	130	P3202-D16	T2139-D16	T20
	8R-C16-160	16	16	65	160			
	8R-C16-200	16	16	65	200			
	8R-C16-250	16	16	65	250			
	8R-C20-200	16	20	65	200			
	8R-C20-250	16	20	65	250			
	10R-C20-160	20	20	35	160	P3202-D20	T2139-D20	T20
	10R-C20-200	20	20	90	200			
	10R-C20-250	20	20	90	250			
	10R-C25-160	20	25	100	160			
	10R-C25-200	20	25	100	200			
	10R-C25-250	20	25	100	250			
	12.5R-C25-160	25	25	45	160	P3202-D25	T2139-D25	T20
	12.5R-C25-200	25	25	100	200			
	12.5R-C25-250	25	25	100	250			

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 瓦爾特 WALTER

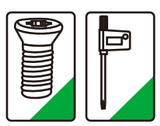
INDEXABLE SCREW TYPE MODULAR CUTTER

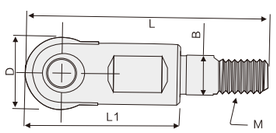
T2139 鎖牙式立銑刀頭

精加工 | 曲綫仿形 仿形加工

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
T2139	R5-M5-1T	1	10	34.5	20	5.5	M5	P3202-D10	D10	T15
	R6-M6-1T	1	12	34.5	20	6.5	M6	P3202-D12	D12	T20
	R8-M8-1T	1	16	46	28	8.5	M8	P3202-D16	D16	T20
	R10-M10-1T	1	20	46	30	10.5	M10	P3202-D20	D20	T20
	R12.5-M12-1T	1	25	57	35	12.5	M12	P3202-D25	D25	T20
	R15-M16-1T	1	30	63	40	17	M16	P3202-D30	D30	T30

適用刀片 SUITABLE INSERT: 速肯 SUKEN, 瓦爾特 WALTER, 日立 HITACHI, 黛杰 DIJET





ABPF BALL-NOSE FINE MILLING CUTTER

ABPF 球頭精加工立銑刀

精加工 | 曲綫仿形 仿形加工

	型號 Specification	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ABPF	R5-C12-160L	10	12	32	160	ZPFG100-G ZDFG100-W	D10	T15
	R6-C16-160L	12	16	60	160	ZPFG120-G ZDFG120-W	D12	T20
	R8-C16-100L	16	16	65	100	ZPFG160-G ZDFG160-W	D16	T20
	R8-C16-160L	16	16	60	160			
	R8-C16-200L	16	16	70	200			
	R8-C20-160L	16	20	65	160			
	R8-C20-200L	16	20	95	200			
	R10-C20-160L	20	20	80	160	ZPFG200-G ZDFG200-W	D20	T20
	R10-C20-200L	20	20	80	200			
	R10-C25-160L	20	25	100	160			
	R10-C25-200L	20	25	100	200			
	R12.5-C25-100L	25	25	100	100	ZPFG250-G ZDFG250-W	D25	T20
	R12.5-C25-160L	25	25	80	160			
	R12.5-C25-200L	25	25	90	200			
	R12.5-C32-160L	25	32	100	160			
	R12.5-C32-180L	25	32	100	180			
	R12.5-C32-200L	25	32	100	200			
	R15-C32-180L	30	32	100	180	ZPFG300-G ZDFG300-W	D30	T30
	R15-C32-200L	30	32	100	200			
	R15-C32-250L	30	32	150	250			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

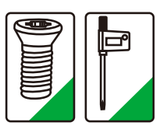
精加工 | 曲綫仿形 仿形加工

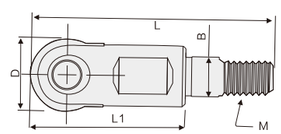
INDEXABLE SCREW TYPE MODULAR CUTTER

ABPF 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ABPF	R5-M5-1T	1	10	34.5	20	5.5	M5	ZPFG100-G ZDFG100-W	D10	T15
	R6-M6-1T	1	12	34.5	20	6.5	M6	ZPFG120-G ZDFG120-W	D12	T20
	R8-M8-1T	1	16	46	28	8.5	M8	ZPFG160-G ZDFG160-W	D16	T20
	R10-M10-1T	1	20	46	30	10.5	M10	ZPFG200-G ZDFG200-W	D20	T20
	R12.5-M12-1T	1	25	57	35	12.5	M12	ZPFG250-G ZDFG250-W	D25	T20
	R15-M16-1T	1	30	63	40	17	M16	ZPFG300-G ZDFG300-W	D30	T30

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





BNM BALL-NOSE FINE MILLING CUTTER

BNM 球頭精加工立銑刀

精加工 / 曲綫仿形 仿形加工

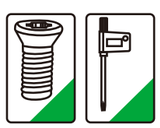
	型號 Specification	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
BNM	R5-C12-160L	10	12	32	160	BNM-100	D10	T15
	R6-C16-160L	12	16	70	160	BNM-120	D20	T20
	R8-C16-100L	16	16	65	100	BNM-160	D16	T20
	R8-C16-160L	16	16	70	160			
	R8-C16-200L	16	16	90	200			
	R8-C20-160L	16	20	70	160			
	R8-C20-200L	16	20	90	200			
	R10-C20-160L	20	20	70	160	BNM-200	D20	T20
	R10-C20-200L	20	20	85	200			
	R10-C25-160L	20	25	70	160			
	R10-C25-200L	20	25	95	200			
	R12.5-C25-100L	25	25	100	100	BNM-250	D25	T20
	R12.5-C25-160L	25	25	40	160			
	R12.5-C25-200L	25	25	70	200			
	R12.5-C32-160L	25	32	75	160			
	R12.5-C32-180L	25	32	80	180			
	R12.5-C32-200L	25	32	90	200			
	R15-C32-180L	30	32	100	180	BNM-300	D30	T30
	R15-C32-200L	30	32	100	200			
	R15-C32-250L	30	32	120	250			

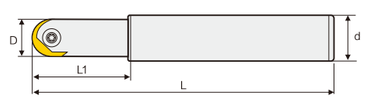
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、搭配鋒利的螺旋形幾何形狀刀片，適合于硬質材料的精加工和半精加工
2、替代傳統合金銑刀，減少精加工的刀具成本

1. Fitted with sharp helical geometry inserts, suitable for finishing and semi finishing hard materials up to 60HRC.
2. Replace conventional solid ball endmill, reduce the tool costs of finishing process.





精加工 / 曲綫仿形 仿形加工

INDEXABLE SCREW TYPE MODULAR CUTTER

BNM 鎖牙式立銑刀頭

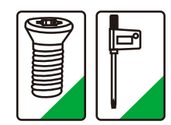
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
BNM	R5-M5-1T	1	10	34.5	20	5.5	M5	BNM-100	D10	T15
	R6-M6-1T	1	12	34.5	20	6.5	M6	BNM-120	D12	T20
	R8-M8-1T	1	16	46	28	8.5	M8	BNM-160	D16	T20
	R10-M10-1T	1	20	46	30	10.5	M10	BNM-200	D20	T20
	R12.5-M12-1T	1	25	57	35	12.5	M12	BNM-250	D25	T20
	R15-M16-1T	1	30	63	40	17	M16	BNM-300	D30	T30

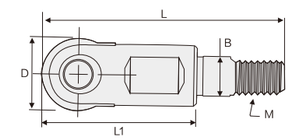
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、搭配鋒利的螺旋形幾何形狀刀片，適合于硬質材料的精加工和半精加工
2、替代傳統合金銑刀，減少精加工的刀具成本

1. Fitted with sharp helical geometry inserts, suitable for finishing and semi finishing hard materials up to 60HRC.
2. Replace conventional solid ball endmill, reduce the tool costs of finishing process.





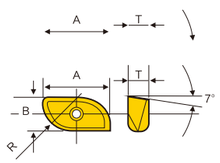
RCFL BALL-NOSE ROUGH MILLING CUTTER

RCF 球形中粗銑刀

粗加工 仿形加工

	型號 Specification	刃數 Teeth	R	D	d	a	L1	L	刀片型號 Insert 主刃 Master Insert	副刃 Slave Insert
RCF	R8-C16-160	2	10	16	16	18	50	160	ZCET080CE	ZCET080SE
	10R-C20-160	2	10	20	20	18	60	160	ZCEW100CE	ZCEW100SE
	10R-C20-200	2	10	20	20	18	70	200		
	10R-C25-160	2	10	20	25	18	60	160	ZCEW100CE	ZCEW100SE
	10R-C25-200	2	10	20	25	18	70	200		
	10R-C25-250	2	10	20	25	18	80	250		
	10R-C32-250	2	10	20	32	18	90	250	ZCEW100CE	ZCEW100SE
	10R-C32-300	2	10	20	32	18	110	300		
	12.5R-C25-160	2	12.5	25	25	23	60	160	ZCEW125CE	ZCEW125SE
	12.5R-C25-200	2	12.5	25	25	18	70	200		
	12.5R-C32-250	2	12.5	25	32	28	80	250		
	12.5R-C32-300	2	12.5	25	32	28	90	300		
	12.5R-C32-350	2	12.5	25	32	28	110	350		
	15R-C32-160	2	15	30	32	28	60	160	ZCEW 150CE	ZCEW 150SE
	15R-C32-200	2	15	30	32	28	70	200		
	15R-C32-250	2	15	30	32	28	80	250		
	15R-C32-300	2	15	30	32	28	110	300		
	15R-C32-350	2	15	30	32	28	110	350		

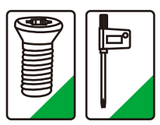
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

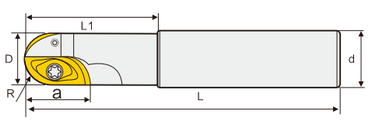
刀片規格 Insert specification	圖示 Figure	外形尺寸(mm)Size R	A	B	T	螺絲 Screw	扳手 Wrench
ZCET080CE		8	15.6	7.9	3.97	M2.5	T8
ZCET080SE		8	16.8	5.9	3.43	M2.5	T8
ZCEW100CE		10	18	10.3	4.74	M3	T8
ZCEW100SE		10	16.6	8.3	4.24	M3	T8
ZCEW125CE		12.5	23	12.3	6.10	M4	T15
ZCEW125SE		12.5	20.8	9.3	5.40	M4	T15
ZCEW150CE		15	28	15.1	7.59	M5	T20
ZCEW150SE		15	25.8	12.1	7.09	M5	T20

產品特性/Feature

1、具有可進行平滑切削的凸狀正角刃口，不僅刀刃鋒利并可降低切削振動的噪音。
2、采有帶鍵槽的刀片夾緊機構，上拉切削安全可靠，可得到高精度加工表面。

1、Sharp convex positive angel edge ensures smooth milling and low down the vibration noise
2、Milling performance with excellent accuracy and chip removal rate





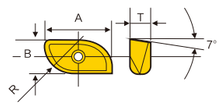
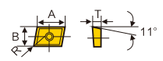
RCFL BALL-NOSE ROUGH MILLING CUTTER

RCFL 球形中粗銑刀(長柄型)

粗加工 仿形加工

	型號 Specification	刃數 Teeth	R	D	d	a	L1	L	刀片型號 Insert 主刃 Master Insert	副刃 Slave Insert	外周刃 Peripheral Insert
RCFL	10R-C20-160	4	10	20	20	18	60	160	ZCEW100CE	ZCEW100SE	CPMT080204
	10R-C20-200	4	10	20	20	18	70	200			
	10R-C25-160	4	10	20	25	18	60	160	ZCEW100CE	ZCEW100SE	CPMT080204
	10R-C25-200	4	10	20	25	18	70	200			
	10R-C25-250	4	10	20	25	18	80	250			
	10R-C32-250	4	10	20	32	18	115	250	ZCEW100CE	ZCEW100SE	CPMT080204
	10R-C32-300	4	10	20	32	18	115	300			
	12.5R-C25-160	4	12.5	25	25	23	60	160	ZCEW125CE	ZCEW125SE	CPMT090308
	12.5R-C25-200	4	12.5	25	25	18	70	200			
	12.5R-C32-160	4	12.5	25	32	23	70	160			
	12.5R-C32-200	4	12.5	25	32	23	80	200			
	12.5R-C32-250	4	12.5	25	32	23	90	250			
	12.5R-C32-300	4	12.5	25	32	23	105	300			
	15R-C32-160	4	15	30	32	28	60	160	ZCEW150CE	ZCEW150SE	CPMT090308
	15R-C32-200	4	15	30	32	28	70	200			
	15R-C32-250	4	15	30	32	28	80	250			
	15R-C32-300	4	15	30	32	28	100	300			
	15R-C32-350	4	15	30	32	28	100	350			
	20R-C42-200	4	20	30	42	28	70	200	ZCEW200CE	ZCEW200SE	CPMT090308
	20R-C42-250	4	20	30	42	28	80	250			
	20R-C42-300	4	20	30	42	28	100	300			

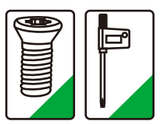
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

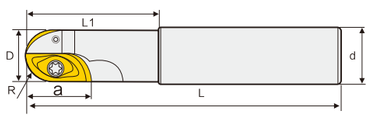
刀片規格 Insert specification	圖示 Figure	外形尺寸(mm)Size R	A	B	T	螺絲 Screw	扳手 Wrench
ZCEW100CE		10	18	10.3	4.74	M3	T8
ZCEW100SE		10	16.6	8.3	4.24	M3	T8
ZCEW125CE		12.5	23	12.3	6.10	M4	T15
ZCEW125SE		12.5	20.8	9.3	5.40	M4	T15
ZCEW150CE		15	28	15.1	7.59	M5	T20
ZCEW150SE		15	25.8	12.1	7.09	M5	T20
CPMT080204		0.4	7.94	\	2.38	M2.5	T8
CPMT090308		0.5	9.525	\	3.18	M4	T15

產品特性/Feature

1、具有可進行平滑切削的凸狀正角刃口，不僅刀刃鋒利并可降低切削振動的噪音。
2、采有帶鍵槽的刀片夾緊機構，上拉切削安全可靠，可得到高精度加工表面。

1、Sharp convex positive angel edge ensures smooth milling and low down the vibration noise
2、Milling performance with excellent accuracy and chip removal rate





ASPV HIGH FEED MILLING CUTTER

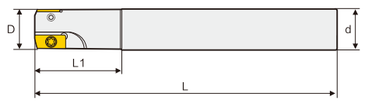
ASPV 插銑型銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASPV	16-C15-160	2	16	16	3	40	160	MPHW 0603TN	M2.5x6	T8
	16-C15-200	2	16	16	3	50	200			
	16-C16-160	2	16	16	3	40	160			
	16-C16-200	2	16	16	3	50	200			
	17-C16-160	2	17	16	3	27	160			
	17-C16-200	2	17	16	3	27	200			
	20-C19-160	2	20	20	3	78	160	MPHW 0603TN	M2.5x6	T8
	20-C19-200	2	20	20	3	50	200			
	20-C19-250	2	20	20	3	50	250			
	20-C20-160	2	20	20	3	78	160			
	20-C20-200	2	20	20	3	50	200			
	20-C20-250	2	20	20	3	50	250			
	21-C20-160	2	21	20	3	27	160	MPHW 0603TN	M2.5x6	T8
	21-C20-200	2	21	20	3	27	200			
	21-C20-250	2	21	20	3	27	250			
	25-C25-160	3	25	25	3	60	160	MPHW 0603TN	M2.5x6	T8
	25-C25-200	3	25	25	3	70	200			
	25-C25-250	3	25	25	3	70	250			
	25-C25-300	3	25	25	3	70	300			
	26-C25-200	3	26	25	3	50	200	MPHW 0603TN	M2.5x6	T8
	26-C25-250	3	26	25	3	50	250			
	26-C25-300	3	26	25	3	50	300			
	32-C32-160	4	32	32	3	70	160	MPHW 0603TN	M2.5x6	T8
	32-C32-200	4	32	32	3	70	200			
	33-C32-160	4	33	32	3	60	160			
	33-C32-200	4	33	70	3	32	200			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、適合底部、側面及臺階面等結構加工。 2、可以實行機床主軸方向的插銑加工。
1. Suitable for bottom milling, side milling and shoulder milling of the workpiece
2. Vertical machining in the machine spindle direction is available.

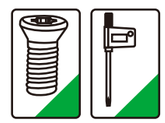


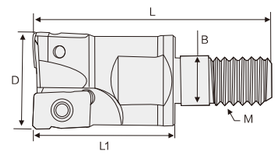
INDEXABLE SCREW TYPE MODULAR CUTTER

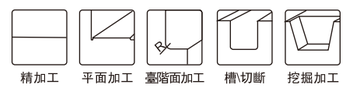
ASPV 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASPV	16-M8-2T	2	16	46	28	8.5	M8	MPHW 0603TN	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10	MPHW 0603TN	M2.5	T8
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			
	32-M16-3T	3	32	63	40	17.0	M16	MPHW 0603TN	M2.5	T8
	35-M16-4T	4	35	63	40	17.0	M16			
	40-M16-4T	4	40	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





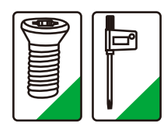


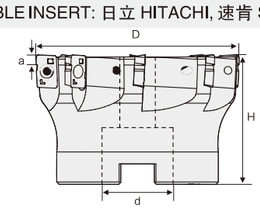
ASPV FACE MILLING CUTTER

ASPV 插銑型面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	H	a	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASPV	50-22	7	50	22	40	3	MPHW 0603TN	M2.5	T8
	63-22	8	63	22	40	3			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN





MQX INDEXABLE MILLING CUTTER

MQX 快進給銑刀杆

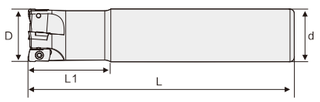
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MQX	16-C16-120L	2	16	16	10	50	120	EPHW100316ZTR EPM*100312Z*R ZPMT1003**ZER YPHW1003**ZER	M2.5	T8
	16-C16-160L	2	16	16	10	50	160			
	16-C16-200L	2	16	16	10	80	200			
	17-C16-120L	2	17	16	10	30	120			
	17-C16-160L	2	17	16	10	30	160			
	17-C16-200L	2	17	20	10	30	200			
	20-C20-160L	3	20	20	10	50	160	EPHW100316ZTR EPM*100312Z*R ZPMT1003**ZER YPHW1003**ZER	M2.5	T8
	20-C20-180L	3	20	20	10	50	180			
	20-C20-200L	3	20	20	10	80	200			
	21-C20-160L	3	21	20	10	30	160			
	21-C20-180L	3	21	20	10	30	180			
	21-C20-200L	3	21	20	10	30	200			
	25-C25-160L	4	25	25	10	60	160	EPHW100316ZTR EPM*100312Z*R ZPMT1003**ZER YPHW1003**ZER	M2.5	T8
	25-C25-200L	4	25	25	10	100	200			
	26-C25-160L	4	26	25	10	35	160			
	26-C25-200L	4	26	25	10	35	200			
	32-C32-160L	5	32	32	10	70	160			
	32-C32-200L	5	32	32	10	120	200			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、搭配獨特低阻力刀片，適合高效率加工
2、多刃結構，高進給加工

1. Fitted with special geometry inserts,suitable for high efficiency.
2. High feed machining with more teeth

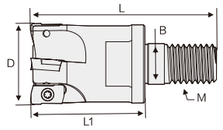


MQX MODULAR CUTTER

MQX 快進給鎖牙式刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MQX	16-M8-2T	2	16	46	28	8.5	M8	EPHW100316ZTR EPM*100312Z*R ZPMT1003**ZER YPHW1003**ZER	M2.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10			
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12			
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17.0	M16			
	35-M16-5T	5	35	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

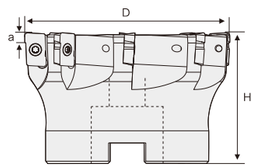


QXP FACE MILLING CUTTER

QXP 快進給面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
QXP	50-22	8	50	22	10	50	EPHW100316ZTR EPM*100312Z*R ZPMT1003**ZER YPHW1003**ZER	M2.5	T8
	63-22	8	63	22	10	50			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



FINISH INDEXABLE MILLING CUTTER

APX3000R 直角高速銑刀杆

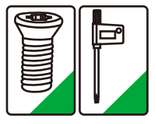
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
APX 3000R	10-C10-100L	1	10	10	10	25	100	AOMT123608 PEER	M2.5x6	T8
	12-C12-100L	1	12	12	10	25	100			
	16-C16-160L	2	16	16	10	50	160			
	17-C16-160L	2	17	16	10	50	160	AOMT123608 PEER	M2.5x6	T8
	17-C16-200L	2	17	16	10	50	200			
	18-C16-150L	2	18	16	10	50	150			
	19-C16-150L	2	19	16	10	50	150			
	20-C20-120L	2	20	20	10	50	120	AOMT123608 PEER	M2.5x6	T8
	20-C20-160L	2	20	20	10	60	160			
	20-C20-200L	2	20	20	10	70	200			
	21-C20-150L	2	21	20	10	50	150	AOMT123608 PEER	M2.5x6	T8
	21-C20-200L	2	21	20	10	50	200			
	21-C20-250L	2	21	20	10	50	250			
	22-C20-160L	2	22	20	10	50	160			
	25-C25-160L	3	25	25	10	50	160			
	26-C25-200L	3	26	25	10	50	200	AOMT123608 PEER	M2.5x6	T8
	26-C25-250L	3	26	25	10	50	250			
	26-C25-300L	3	26	25	10	50	300			
	28-C25-160L	3	28	25	10	50	160	AOMT123608 PEER	M2.5x6	T8
	30-C25-160L	3	30	25	10	50	160			
	32-C32-160L	3	32	32	10	48	160			

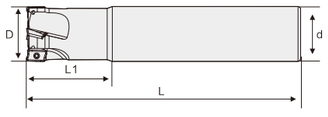
適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

1、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命
2、刀片位精確，高效率加工
3、使用11°正角型的低切削阻力刀片
4、高精度側面加工

1. High quality alloy steel material,nickel-plated surface treatment to improve tool life
2. Precise positioning of clamping insert ensures high cutting performance.
3. Low cutting resistance inserts with 11 ° positive angle
4. Suitable for high quality wall machining



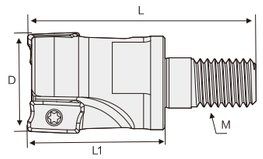


FINISH MODULAR CUTTER

APX3000R 鎖牙式立銑刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
APX 3000R	16-M8-2T	2	16	46	28	8.5	M8	AOMT123608 PEER	M2.5x6	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10			
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



MINI HIGH FEED MILLING CUTTER

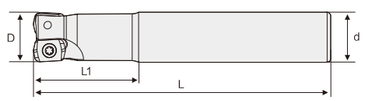
MFH mini型快進給刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH	8-C10-75	1	8	10	16	75	LPGT 010210ER	M1.8	T6
	8-C10-100	1	8	10	60	100	LPGT 010210ER	M1.8	T6
	10-C10-80	2	10	10	20	80			
	10-C10-100	2	10	10	60	100			
	12-C12-80	3	12	12	20	80			
	12-C12-100	3	12	12	60	100	LPGT 010210ER	M1.8	T6
	14-C12-80	3	12	12	20	80			
	16-C16-90	4	16	16	25	90			
	16-C16-120	4	16	16	60	120			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

產品特性/Feature

1、低阻力耐用, 防止加工顫動，實現高效加工
2、良好的排屑性，縮短了粗加工時間。
3、取代實心端銑刀，降低加工成本。
1. Low resistance and durable against chatter for highly efficient machining.
2. Good chip evacuation with shorter rough machining times.
3. Replace solid end mills to reduce machining costs.

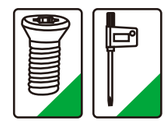


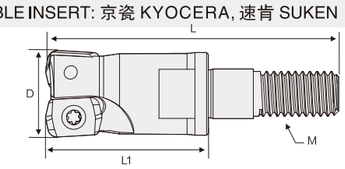
MINI HIGH FEED MODULAR CUTTER

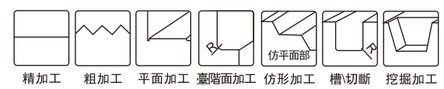
MFH mini型快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH	8-M4-1T	1	8	34.5	20	4.5	M4	LPGT 010210ER	M1.8	T6
	9-M4-1T	1	9	34.5	20	4.5	M4			
	10-M5-2T	2	10	34.5	20	5.5	M5			
	10-M6-2T	2	10	34.5	20	6.5	M6			
	11-M5-2T	2	11	34.5	20	5.5	M5			
	11-M6-2T	2	11	34.5	20	6.5	M6			
	12-M6-3T	3	12	34.5	20	6.5	M6			
	13-M6-3T	3	13	34.5	20	6.5	M6			
	16-M8-4T	4	16	46	28	8.5	M8			
	17-M8-4T	4	17	46	28	8.5	M8			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN







HIGH FEED FACE MILLING CUTTER

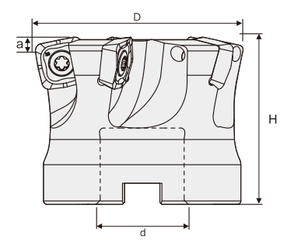
MFH14 快進給面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH14	50-22	4	50	22	2	50	SOMT140520ER SOMT140514ER	M5x12	T20
	63-22	5	63	22	2	50			
	80-27	6	80	27	2	50			
	100-32	7	100	32	2	50			
	125-40	7	125	40	2	63			
	160-40	8	160	40	2	63			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

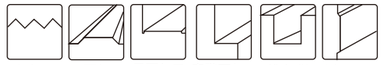
產品特性/Feature

1、特殊機何設計有效降低切削阻力。
2、快進給適合高效開粗。
1、Special geometry for lower cutting forces.
2、High feed for excellent rough machining.



SKG INDEXABLE MILLING CUTTER

SKG 快進給銑刀杆



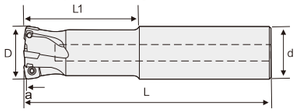
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKG	25-C25-160L-2T	2	25	25	1.5	70	160	SPNW 100415ZTR	M3.5x10	T15
	25-C25-200L-2T	2	25	25	1.5	70	200			
	26-C25-160L-2T	2	26	25	1.5	50	160	SPNW 100415ZTR	M3.5x10	T15
	26-C25-200L-2T	2	26	25	1.5	50	200			
	32-C32-160L-3T	3	32	32	1.5	48	160	SPNW 100415ZTR	M3.5x10	T15
	32-C32-200L-3T	3	32	32	1.5	48	200			
	32-C32-250L-3T	3	32	32	1.5	48	250			
	35-C32-160L-3T	3	35	32	1.5	60	160	SPNW 100415ZTR	M3.5x10	T15
	35-C32-200L-3T	3	35	32	1.5	60	200			
	35-C32-250L-3T	3	35	32	1.5	60	250			
	40-C32-160L-4T	4	40	32	1.5	60	160	SPNW 100415ZTR	M3.5x10	T15
	40-C32-200L-4T	4	40	32	1.5	60	200			
	40-C32-250L-4T	4	40	32	1.5	60	250			

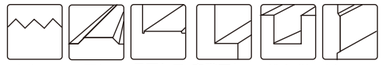
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、搭配低阻力4刃型正前角刀片，適合高進給穩定加工
2、大切深加工, 低阻力
3、切削排出好，大容屑槽

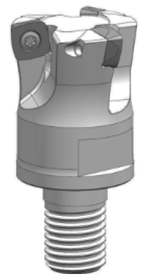
1. Adopted economical 4 corners positive insert,suitable for stable high feed machining
2. Large ap machining with low resistance
3. Good chip removal with big chip pocket design





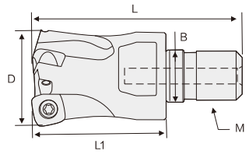
MSG MODULAR CUTTER

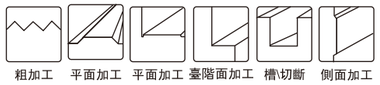
MSG快進給鎖牙式刀頭



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MSG	25-M12-2T	2	25	57	35	12.5	M12	SPNW 100415ZTR	M3.5x10	T15
	32-M16-3T	3	32	63	40	17	M16			
	35-M16-3T	3	35	63	40	17	M16			
	40-M16-4T	4	40	63	40	17	M16			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



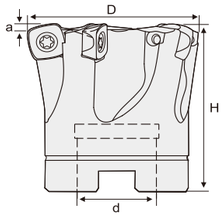


SKG FACE MILLING CUTTER

SKG 快進給面銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKG	50-22	4	50	22	1.5	50	SPNW 100415ZTR	M3.5x10	T15
	50-22	5	50	22	1.5	50			
	63-22	5	63	22	1.5	50			
	63-22	6	63	22	1.5	50			
	80-27	6	80	27	1.5	50			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



PRECISION

from meticulosity

精密 源自一絲不苟

Professional

Concentrated

Precision

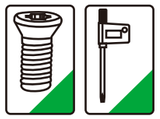
SUKEN®

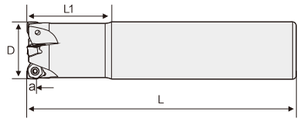
DOUBLE-SIDED HIGH FEED MILLING CUTTER

MFWN05R 雙面刃快進給刀杆

	型號 Specification	刃數 Teeth	圖示 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFW N05	25–C25–160L	3	A	25	25	5	46	160	WNMU050408EN	M3x7	T8
	26–C25–160L	3	A	26	25	5	36	160			
	32–C32–160L	4	A	32	32	5	52	160			
	35–C32–160L	4	A	35	32	5	26	160			

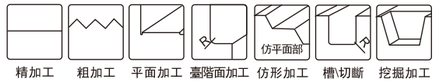
適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN





DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

MFWN 雙面刃快進給面銑刀盤



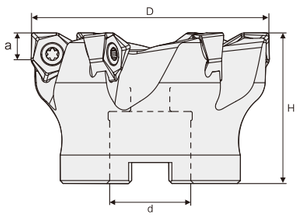
	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFWN	50–22	4	50	22	50	WNEU0806 WNMU0806 WNGT0806	M5x14	T20
	63–22	5	63	22	50			
	80–27	6	80	27	50			
	100–32	7	100	32	50			
	125–40	8	125	40	63			
	160–40	10	160	40	63			
	200–60	12	200	60	63			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

產品特性/Feature

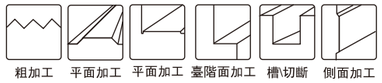
1、最適合大進給切削。
2、采用錐型設計，抗彎鋼性極高。
3、雙面刃刀片，可以利用六個切削刃。

1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting
3、Double-sided insert with 6 cutting edges



DOUBLE-SIDED HIGH FEED MILLING CUTTER

EXN03R 雙面刃快進給刀杆



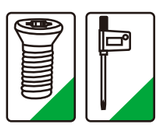
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EXN 03R	16-C16-160	2	16	16	1	40	160	LNMU0303	M2.5x6	T8
	16-C16-200	2	16	16	1	40	200			
	17-C16-160	2	17	16	1	50	160			
	17-C16-200	2	17	16	1	50	200			
	20-C20-160	3	20	20	1	50	160	LNMU0303	M2.5x6	T8
	20-C20-200	3	20	20	1	50	200			
	21-C20-160	3	21	20	1	50	160			
	21-C20-200	3	21	20	1	50	200			
	25-C25-160	4	25	25	1	50	160	LNMU0303	M2.5x6	T8
	25-C25-200	4	25	25	1	50	200			
	26-C25-160	4	26	25	1	50	160			
	26-C25-200	4	26	25	1	50	200			
	32-C32-160	5	32	32	1	50	160	LNMU0303	M2.5x6	T8
	32-C32-200	5	32	32	1	50	200			
	33-C32-160	5	33	32	1	50	160			
	33-C32-200	5	33	32	1	50	200			
	35-C32-160	5	35	32	1	50	160			
	35-C32-200	5	35	32	1	50	200			

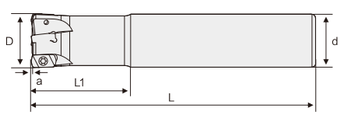
適用刀片 SUITABLE INSERT: 東芝 TUNGALOY, 速肯 SUKEN

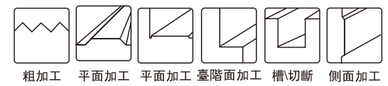
產品特性/Feature

1、雙面刀片含有四個切削刃。
2、特殊幾何設計有效降低切削阻力。
3、快進給適合高效開粗和精加工。
4、加工邊框和表面光潔度高。

1、Double-sided insert with 4 cutting edges
2、Special geometry for lower cutting forces
3、High feed for excellent rough and finish machining
4、Remarkable shoulder and surface finish quality





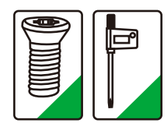


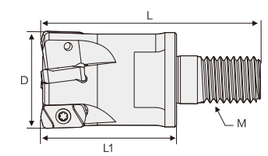
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

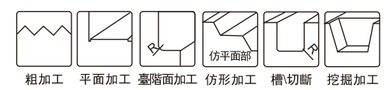
EXN03R 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EXN 03R	16-M8-2T	2	16	46	28	8.5	M8	LNMU0303	M2.5x6	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	LNMU0303	M2.5x6	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	LNMU0303	M2.5x6	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	LNMU0303	M2.5x6	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 東芝 TUNGALOY, 速肯 SUKEN





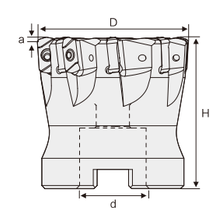


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

EXN03R 雙面刃快進給面銑刀盤

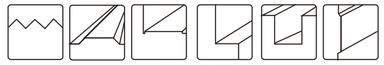
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EXN 03R	40-16	5	40	16	1	40	LNMU0303	M2.5x6	T8
	50-22	8	50	22	1	50			
	63-22	8	63	22	1	50			

適用刀片 SUITABLE INSERT: 東芝 TUNGALOY, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

MFH 雙面刃快進給刀杆



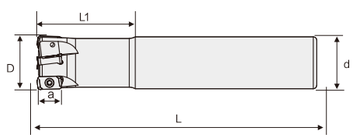
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH	16-C16-160	2	16	16	1	50	160	LOGU030310 ER-GMZ	M3X7	T8
	16-C16-200	2	16	16	1	80	200			
	17-C16-160	2	17	16	1	30	160			
	17-C16-200	2	17	16	1	30	200			
	20-C20-160	3	20	20	1	50	160	LOGU030310 ER-GMZ	M3X7	T8
	20-C20-200	3	20	20	1	80	200			
	21-C20-160	3	21	20	1	30	160			
	21-C20-200	3	21	20	1	30	200			
	25-C25-160	4	25	25	1	60	160	LOGU030310 ER-GMZ	M3X7	T8
	25-C25-200	4	25	25	1	100	200			
	26-C25-160	4	26	25	1	35	160			
	26-C25-200	4	26	25	1	35	200			
	32-C32-160	5	32	32	1	70	160	LOGU030310 ER-GMZ	M3X7	T8
	32-C32-200	5	32	32	1	120	200			
	33-C32-160	5	33	32	1	40	160			
	33-C32-200	5	33	32	1	40	200			
	35-C32-160	5	35	32	1	40	160			
	35-C32-200	5	35	32	1	40	200			

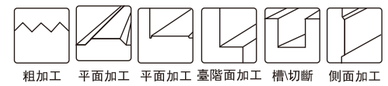
適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

產品特性/Feature

1、雙面刀片含有四個切削刃。
2、特殊幾何設計有效降低切削阻力。
3、快進給適合高效開粗和精加工。
4、加工邊框和表面光潔度高。

1、Double-sided insert with 4 cutting edges
2、Special geometry for lower cutting forces
3、High feed for excellent rough and finish machining
4、Remarkable shoulder and surface finish quality



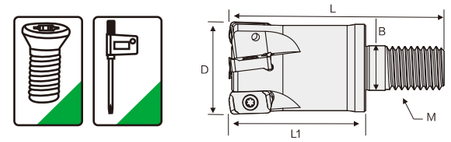


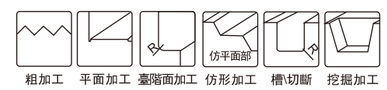
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

MFH 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH	16-M8-2T	2	16	46	28	8.5	M8	LOGU030310 ER-GMZ	M3X7	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	LOGU030310 ER-GMZ	M3X7	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	LOGU030310 ER-GMZ	M3X7	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	LOGU030310 ER-GMZ	M3X7	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN



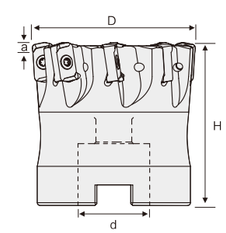


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

MFH 雙面刃快進給面銑刀盤

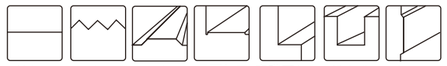
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFH	40-16	5	40	16	1	40	LOGU030310 ER-GMZ	M3X7	T8
	50-22	8	50	22	1	50			
	63-22	8	63	22	1	50			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

M4 雙面刃快進給刀杆



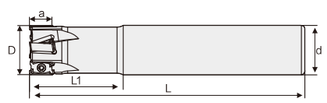
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
M4	16-C16-160	2	16	16	11	40	160	LNPU1104	M3x7	T8
	16-C16-200	2	16	16	11	40	200			
	17-C16-160	2	17	16	11	50	160			
	17-C16-200	2	17	16	11	50	200			
	20-C20-160	3	20	20	11	50	160	LNPU1104	M3x7	T8
	20-C20-200	3	20	20	11	50	200			
	21-C20-160	3	21	20	11	50	160			
	21-C20-200	3	21	20	11	50	200			
	25-C25-160	4	25	25	11	50	160	LNPU1104	M3x7	T8
	25-C25-200	4	25	25	11	50	200			
	26-C25-160	4	26	25	11	50	160			
	26-C25-200	4	26	25	11	50	200			
	32-C32-160	5	32	32	11	50	160	LNPU1104	M3x7	T8
	32-C32-200	5	32	32	11	50	200			
	33-C32-160	5	33	32	11	50	160			
	33-C32-200	5	33	32	11	50	200			
	35-C32-160	5	35	32	11	50	160			
	35-C32-200	5	35	32	11	50	200			

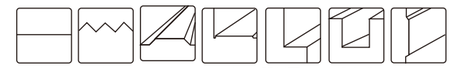
適用刀片 SUITABLE INSERT: 肯納 KENNAMETAL, 速肯 SUKEN

產品特性/Feature

1、雙面刀片含有四個切削刃。
2、特殊幾何設計有效降低切削阻力。
3、快進給適合高效開粗和精加工。
4、加工邊框和表面光潔度高。

1、Double-sided insert with 4 cutting edges
2、Special geometry for lower cutting forces
3、High feed for excellent rough and finish machining
4、Remarkable shoulder and surface finish quality



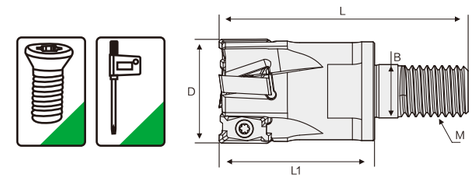


DOUBLE-SIDED HIGH FEED MODULAR CUTTER

M4 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
M4	16-M8-2T	2	16	46	28	8.5	M8	LNPU1104	M3x7	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	LNPU1104	M3x7	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	LNPU1104	M3x7	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	LNPU1104	M3x7	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 肯納 KENNAMETAL, 速肯 SUKEN

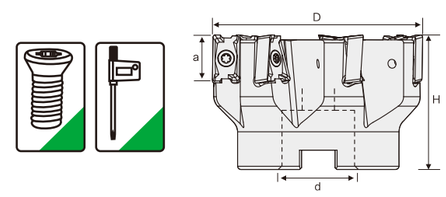


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

M4 雙面刃快進給面銑刀盤

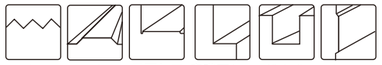
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
M4	50-22	5	50	22	11	40	LNPU1104	M3x7	T8
	63-22	6	63	22	11	40			
	63-22	6	63	22	11	50	LNPU15T6	M4x12	T15
	80-27	7	80	27	11	50			
	100-32	8	100	32	11	50			
	125-40	9	125	40	11	63			
	160-40	12	160	40	11	63			

適用刀片 SUITABLE INSERT: 肯納 KENNAMETAL, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

TEBL 雙面刃快進給刀杆



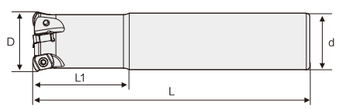
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TEBL	16-C16-160	2	16	16	1	40	160	BLMP0603R	M2.5x7	T8
	16-C16-200	2	16	16	1	40	200			
	17-C16-160	2	17	16	1	50	160			
	17-C16-200	2	17	16	1	50	200			
	20-C20-160	3	20	20	1	50	160	BLMP0603R	M2.5x7	T8
	20-C20-200	3	20	20	1	50	200			
	21-C20-160	3	21	20	1	50	160			
	21-C20-200	3	21	20	1	50	200			
	25-C25-160	4	25	25	1	50	160	BLMP0603R	M2.5x7	T8
	25-C25-200	4	25	25	1	50	200			
	26-C25-160	4	26	25	1	50	160			
	26-C25-200	4	26	25	1	50	200			
	32-C32-160	5	32	32	1	50	160	BLMP0603R	M2.5x7	T8
	32-C32-200	5	32	32	1	50	200			
	33-C32-160	5	33	32	1	50	160			
	33-C32-200	5	33	32	1	50	200			
	35-C32-160	5	35	32	1	50	160			
	35-C32-200	5	35	32	1	50	200			

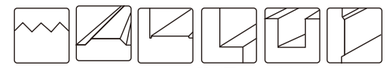
適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN

產品特性/Feature

1、雙面4刃, 適合快進給加工。
2、經濟高效, 切削穩定。

1. Double-sided inserts with 4 cutting edges for high feed milling.
2. More economical and high efficiency for stable machining.



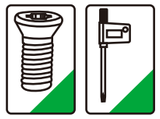


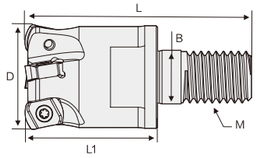
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

TEBL 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TEBL	16-M8-2T	2	16	46	28	8.5	M8	BLMP0603R	M2.5x7	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	BLMP0603R	M2.5x7	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	BLMP0603R	M2.5x7	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	BLMP0603R	M2.5x7	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN



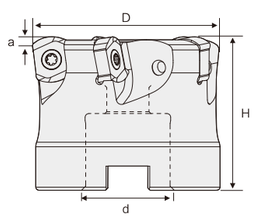


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

TFMBL 雙面刃快進給面銑刀盤

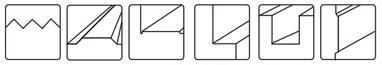
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TFMBL	50-22	7	50	22	1	40	BLMP0603R	M2.5x7	T8
	63-22	8	63	22	1	40			
	50-22	6	50	22	1.5	40	BLMP0904R	M4x11	T15
	63-22	7	63	22	1.5	40			

適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

MXG 雙面刃快進給刀杆



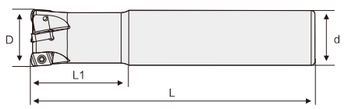
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MXG	16-C16-120L	2	16	16	9	50	120	ENMU100412 ZER-PM	M2.5x6	T8
	16-C16-160L	2	16	16	9	50	160			
	17-C16-160L	2	17	16	9	50	160			
	20-C20-160L	3	20	20	9	60	160			
	21-C20-160L	3	21	20	9	50	160			
	25-C25-160L	4	25	25	9	50	160			
	26-C25-160L	4	26	25	9	50	160			
	32-C32-160L	5	32	32	9	48	160			

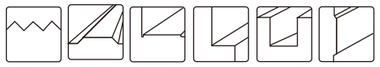
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、雙面4刃，適合快進給加工
2、經濟高效,切削穩定

1. Double-sided inserts with 4 cutting edges for high feed milling.
2. More economical and high efficiency for stable machining.



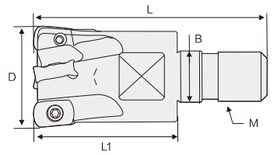


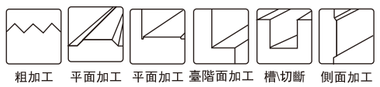
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

MXG 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MXG	16-M8-2T	2	16	46	28	8.5	M8	ENMU100412 ZER-PM	M2.5x6	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10			
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12			
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16			
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



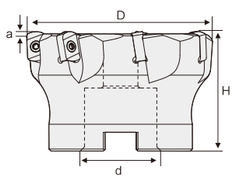


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

GMX 雙面刃快進給面銑刀盤

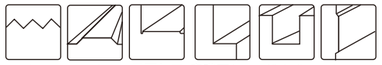
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
GMX	40-16	5	40	16	1.5	40	ENMU100412 ZER-PM	M2.5x6	T8
	50-22	7	50	22	1.5	40			
	63-22	7	63	22	1.5	40			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

TD4N 雙面刃快進給刀杆



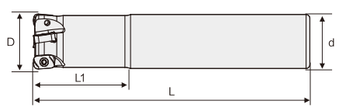
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TD4N	16-C16-160	2	16	16	1	40	160	ENMU0603ER	M3x7	T8
	16-C16-200	2	16	16	1	40	200			
	17-C16-160	2	17	16	1	50	160			
	17-C16-200	2	17	16	1	50	200			
	20-C20-160	3	20	20	1	50	160	ENMU0603ER	M2.5x7	T8
	20-C20-200	3	20	20	1	50	200			
	21-C20-160	3	21	20	1	50	160			
	21-C20-200	3	21	20	1	50	200			
	25-C25-160	4	25	25	1	50	160	ENMU0603ER	M2.5x7	T8
	25-C25-200	4	25	25	1	50	200			
	26-C25-160	4	26	25	1	50	160			
	26-C25-200	4	26	25	1	50	200			
	32-C32-160	5	32	32	1	50	160	ENMU0603ER	M2.5x7	T8
	32-C32-200	5	32	32	1	50	200			
	33-C32-160	5	33	32	1	50	160			
	33-C32-200	5	33	32	1	50	200			
	35-C32-160	5	35	32	1	50	160			
	35-C32-200	5	35	32	1	50	200			

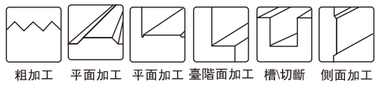
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、雙面4刃, 適合快進給加工。
2、經濟高效, 切削阻力低。
3、較少切削余量，減輕下個工序的加工負擔。

1、Double-sided inserts with 4 cutting edges for high feed milling.
2、More economical and high efficiency with low cutting force.
3、Less uncut remnants on workpiece, reduce the load on the next process.





DOUBLE-SIDED HIGH FEED MODULAR CUTTER

TD4N 雙面刃快進給鎖牙刀頭

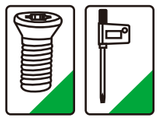
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TD4N	16-M8-2T	2	16	46	28	8.5	M8	ENMU0603ER	M2.5x7	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	ENMU0603ER	M2.5x7	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	ENMU0603ER	M2.5x7	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	ENMU0603ER	M2.5x7	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

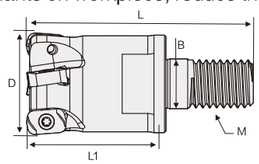
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、雙面4刃, 適合快進給加工。
2、經濟高效, 切削阻力低。
3、較少切削余量，減輕下個工序的加工負擔。

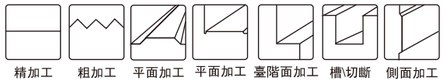
1、Double-sided inserts with 4 cutting edges for high feed milling.
2、More economical and high efficiency with low cutting force.
3、Less uncut remnants on workpiece, reduce the load on the next process.





DOUBLE-SIDED HIGH FEED MILLING CUTTER

4NKT 雙面刃快進給刀杆



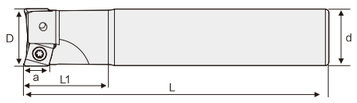
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
4NKT	16-C16-120L	2	16	16	6	40	120	4NKT0603	M3x7	T8
	16-C16-160L	2	16	16	6	40	160			
	17-C16-120L	2	17	16	6	50	120			
	17-C16-160L	2	17	16	6	50	160			
	17-C16-160L	2	17	16	6	50	160			
	20-C20-160L	3	20	20	6	50	160	4NKT0603	M3x7	T8
	21-C20-130L	3	21	20	6	50	130			
	21-C20-160L	3	21	20	6	50	160			
	25-C25-160L	4	25	25	6	50	160	4NKT0603	M3x7	T8
	26-C25-160L	4	26	25	6	50	160			
	32-C32-160L	5	32	32	6	50	160	4NKT0603	M3x7	T8
	33-C32-160L	5	33	32	6	50	160			
	35-C32-160L	5	35	32	6	50	160			
	40-C32-160L	5	40	32	6	50	160			

適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN

產品特性/Feature

1、雙面4刃，適合快進給加工
2、經濟高效,切削穩定
3、90度方肩銑，切削阻力低

1. Double-sided inserts with 4 cutting edges for high feed milling.
2. More economical and high efficiency for stable machining.
3. 90 degree shoulder milling, low cutting resistance

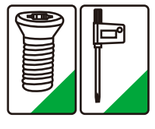


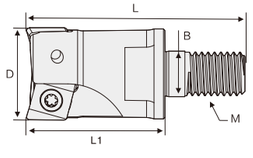
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

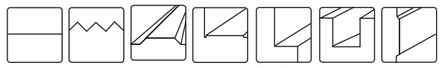
4NKT 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
4NKT	16-M8-2T	2	16	46	28	8.5	M8	4NKT0603	M3x7	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	4NKT0603	M3x7	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	4NKT0603	M3x7	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	4NKT0603	M3x7	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			
	40-M16-5T	5	40	63	40	17	M16			

適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN





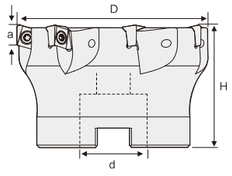


DOUBLE-SIDED HIGH FEED FACE MILLING CUTTER

4NKT 雙面刃快進給面銑刀盤

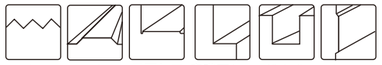
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
4NKT	50-22	6	50	22	6	50	4NKT0603	M3x7	T8
	63-22	7	63	22	6	50			

適用刀片 SUITABLE INSERT: 特固克 TAEGUTEC, 速肯 SUKEN



DOUBLE-SIDED HIGH FEED MILLING CUTTER

EXSAP 雙面刃快進給刀杆



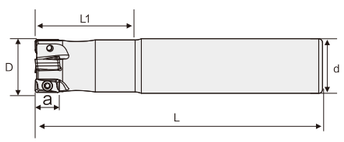
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EXSAP	16-C16-160	2	16	16	10	40	160	ZNGU110508ZER	M3x8.5	T8
	16-C16-200	2	16	16	10	40	200			
	17-C16-160	2	17	16	10	50	160			
	17-C16-200	2	17	16	10	50	200			
	20-C20-160	3	20	20	10	50	160	ZNGU110508ZER	M3x8.5	T8
	20-C20-200	3	20	20	10	50	200			
	21-C20-160	3	21	20	10	50	160			
	21-C20-200	3	21	20	10	50	200			
	25-C25-160	4	25	25	10	50	160	ZNGU110508ZER	M3x8.5	T8
	25-C25-200	4	25	25	10	50	200			
	26-C25-160	4	26	25	10	50	160			
	26-C25-200	4	26	25	10	50	200			
	32-C32-160	5	32	32	10	50	160	ZNGU110508ZER	M3x8.5	T8
	32-C32-200	5	32	32	10	50	200			
	33-C32-160	5	33	32	10	50	160			
	33-C32-200	5	33	32	10	50	200			
	35-C32-160	5	35	32	10	50	160			
	35-C32-200	5	35	32	10	50	200			

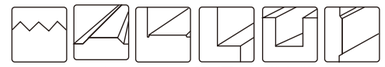
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

產品特性/Feature

1、雙面4刃，高效率90度加工
2、低阻力，抗震性能好，加工表面精度高

1. Double-sided inserts with 4 cutting edges for high feed milling.
2. Low cutting resistance, good anti-vibration performance,high surface finish.



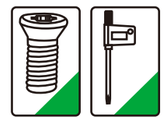


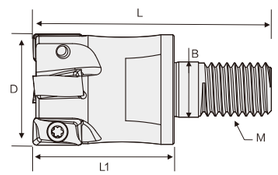
DOUBLE-SIDED HIGH FEED MODULAR CUTTER

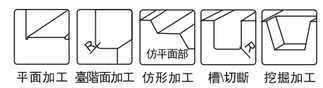
MSX 雙面刃快進給鎖牙刀頭

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MSX	16-M8-2T	2	16	46	28	8.5	M8	ZNGU110508ZER	M3x8.5	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10	ZNGU110508ZER	M3x8.5	T8
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12	ZNGU110508ZER	M3x8.5	T8
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17	M16	ZNGU110508ZER	M3x8.5	T8
	33-M16-5T	5	33	63	40	17	M16			
	35-M16-5T	5	35	63	40	17	M16			

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

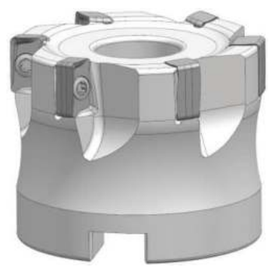






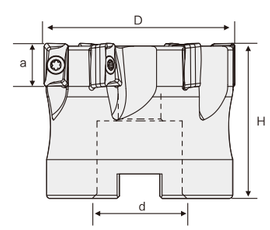
DOUBLE-SIDED HIGH FEED FACE MILLING CUTTERMINI

EXSAP 雙面刃快進給面銑刀盤



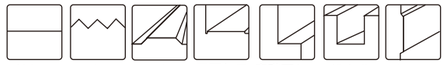
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EXSAP	50-22	6	50	22	10	40	ZNGU110508ZER	M3x8.5	T8
	63-22	7	63	22	10	40	ZNGU110508ZER	M3x8.5	T8
	80-27	8	80	22	10	40	ZNGU110508ZER	M3x8.5	T8

適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN



DOUBLE-SIDED MILLING CUTTER

MEW 高光型銑刀杆



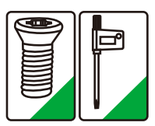
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MEW	16-C16-160L	2	16	16	10	25	160	LOMU 1004xER	M3x8	T8
	17-C16-160L	2	17	16	10	25	160			
	20-C20-160L	2	20	20	10	25	160			
	20-C20-200L	2	20	20	10	25	200			
	21-C20-160L	2	21	20	10	25	160	LOMU 1004xER	M3x8	T8
	21-C20-200L	2	21	20	10	25	200			
	25-C25-160L	3	25	25	10	60	160			
	25-C25-200L	3	25	25	10	60	200			
	25-C25-250L	3	25	25	10	60	250			
	26-C25-160L	3	26	25	10	50	160	LOMU 1004xER	M3x8	T8
	26-C25-200L	4	26	25	10	50	200			
	30-C25-160L	4	30	25	10	50	160			
	30-C25-200L	4	30	25	10	50	200			
	32-C32-160L	3	32	32	15	48	160	LOMU 150508ER	M4x11	T8
	32-C32-200L	3	32	32	15	48	200			
	35-C32-160L	3	35	32	15	40	160			
	35-C32-200L	3	35	32	15	40	200			
	40-C32-160L	3	40	32	15	40	160			
	40-C32-200L	3	40	32	15	40	200			

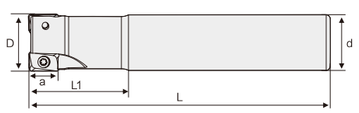
適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

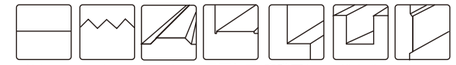
產品特性/Feature

1、雙面4刃，高效率90度加工
2、低阻力，抗震性能好，加工表面精度高

1. Double-sided inserts with 4 cutting edges for high feed milling.
2. Low cutting resistance, good anti-vibration performance,high surface finish.

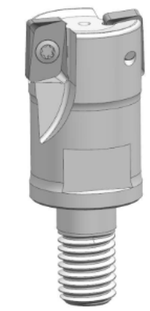






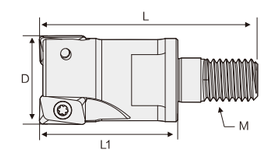
INDEXABLE SCREW TYPE MODULAR CUTTER

MEW 鎖牙式立銑刀頭



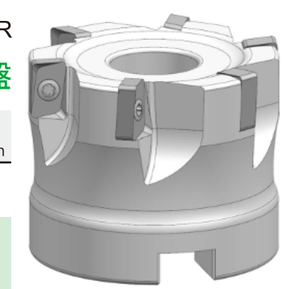
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MEW	16-M8-2T	2	16	46	28	8.5	M8	LOMU 1004xER	M3x8	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-2T	2	20	49	30	10.5	M10			
	21-M10-2T	2	21	49	30	10.5	M10	LOMU 1004xER	M3x8	T8
	25-M12-3T	3	25	57	35	12.5	M12			
	26-M12-3T	3	26	57	35	12.5	M12			
	32-M16-2T	3	32	63	40	17.0	M16	LOMU 1004xER	M3x8	T8
	35-M16-3T	3	35	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN



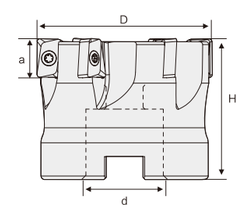
MEW FACE MILLING CUTTER

MEW 高光型面銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MEW	50-22	5	50	22	10	40	LOMU 100408ER	M3x8	T8
	63-22	6	63	22	10	40			
	40-16	4	40	16	15	50	LOMU 150508ER	M4x11	T8
	50-22	4	50	22	15	50			
	63-22	5	63	22	15	50			
	80-27	6	80	27	15	50			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN



SSP 45° POSITIONING CHAMFERING CUTTER

SSP45° 定位倒角刀

精加工 粗加工 槽\切斷 倒角加工

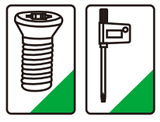
	型號 Specification	外形尺寸（mm)Size D	D1	d	a	L1	L	倒角範圍 Chamfering range	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SSP	20-C20-130	20	0	20	11.3	20	130	0-20	TCMX 16T308E ZR	M4	T15

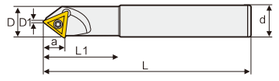
適用刀片 SUITABLE INSERT: 斯特拉姆 STEELRAM, 速肯 SUKEN

產品特性/Feature

1、本銑刀可45度切削，亦可做倒角，V槽切削，可中心定位鑽使用。
2、適合一般銑床，CNC銑床，CNC車床，鑽床倒角。

1、Milling in 45 ° angel，available for chamfering，V-slot milling，central positioning drilling
2、Suitable for common milling machine, CNC milling machine ,CNC lathe, chamfering in drilling machine





SSK 45° INDEXABLE CHAMFERING CUTTER

SSK45° 捨弃式倒角刀

精加工 粗加工 槽\切斷 倒角加工

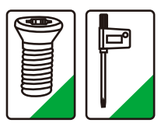
	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	L	倒角範圍 Chamfering range	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SSK	20-C20-130	1	20	20	130	3-20	ADNT 160308	M4	T15

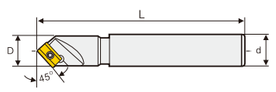
適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、本銑刀可45度切削，亦可做倒角。
2、適合一般銑床，綜合切削中心機。

1、Milling in 45 ° angel，available for chamfering
2、Suitable for common milling machine, integrated machine center





SB CHAMFERING CUTTER

SB 新型倒角刀

粗加工 槽\切斷 倒角加工

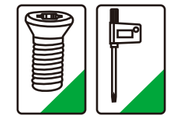
	型號 Specification	外形尺寸（mm)Size D	D1	d	L	倒角範圍 Chamfering range	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SB	16-C16-120	16	1.5	16	120	1.5-16	SPMW 090304	M4	T15

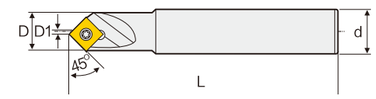
適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

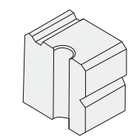
產品特性/Feature

1、每個刀片具有四個刀刃，經濟耐用。
2、倒角，切端面槽。

1、Each insert has 4 cutting edges achieving economy and durability
2、chamfering, end slotting







EM45 LNTERNAL AND EXTERNAL CHAMFERING CUTTER

EM45° 内外倒角力

精加工 粗加工 平面加工 倒角加工

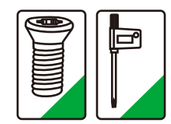
	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
EM45	25-C3/4-110	2	25	19.05	45	110	SDMB26152	M3	T15
	25-C20-110	2	25	20	45	110	SDMB26152	M3	T15
	25-C25-150	2	25	20	45	150	SDMB26152	M3	T15
	30-C25-150	2	30	25	45	150	SDMB26152	M3	T15

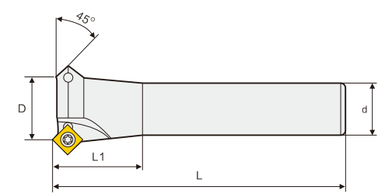
適用刀片 SUITABLE INSERT: 東芝 TUNGALOY, 速肯 SUKEN

產品特性/Feature

1、高剛性設計，適合大切削。
2、用于切槽，倒角加工，平面銑削。
3、刀片形狀為正方形，使用時可轉位四次，更經濟。

1、High rigidity design suitable for large feed milling
2、Grooving, chamfering, end milling
3、Square insert can be switched 4 times, much more cost-effective





ATS T-SLOT MILLING CUTTER

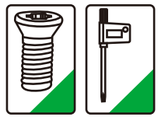
ATS T型槽端銑刀

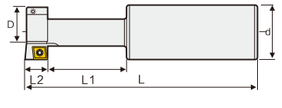
粗加工 槽\切斷

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L2	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ATS	25-C25-11-110	2	25	25	12.5	11	21	110	CCMT060204	M2.5	T8
	32-C32-14-120	2	32	32	16	14	30	120	CCMT080204	M2.5	T8
	40-C32-18-130	4	40	32	20	18	32	130	CCMT09T308	M4	T15
	50-C32-22-140	4	50	32	26	22	39	140	CCMT120408	M5	T20

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

刀片材質 Insert material	主要切削用途main cutting application 鑄鐵cast iron
MP37	不銹鋼 stainless steel 合金鋼 alloy steel
NL92	





CH DRILLING CUTTER WITH COUNTERSUNK SCREW

CH 螺絲沉頭孔銑刀

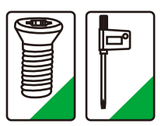
粗加工 平面加工

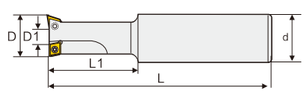
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	D1	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
CH	14-C8-25	1	14	2.9	25	21	108	CCMT060204	M2.5	T8
	17.5-C10-25	2	17.5	5.3	25	26	115			
	20-C12-25	2	20	7.8	25	30	120			
	23-C14-25	2	23	10.8	25	34.5	126			
	26-C16-32	2	26	8.5	32	39	132	CPMT090308	M3.5	T15
	29-C18-32	2	29	11.5	32	43.5	138			
	32-C20-32	2	32	14.5	32	59	144			

適用刀片 SUITABLE INSERT: 日立 HITACHI, 速肯 SUKEN

產品特性/Feature

1、把傳統的鑽孔興沉頭加工結合于一體，一次加工完成，大幅提高螺絲沉頭孔的加工效率。
1、Drilling integrated with countersunk screw machining within one step, enhances the efficiency of the countersunk screw hole processing





精加工 粗加工 槽\切斷 倒角加工

TCM 45° CHAMFERING CUTTER

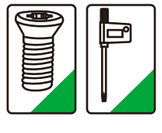
TCM45° 倒角刀

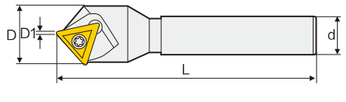
	型號 Specification	外形尺寸 (mm)Size D	D1	d	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TCM	20-C16-110	20	3	16	110	TCMT16T304	M4	T15
	25-C20-110	25	8	20	110	TCMT16T304	M4	T15

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

1、本銑刀可45度切削，亦可做倒角。
2、適合一般銑床。
1、Milling in 45 ° angel , chamfering
2、Suitable for common milling machine





精加工 粗加工 平面加工 倒角加工

TP30° 45° 60° CHAMFERING CUTTER WITH STRAIGHT SHANK

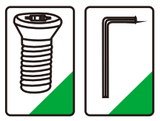
TP30°,45°,60° 直柄型倒角刀

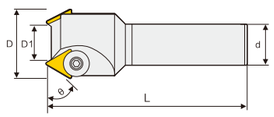
	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	L1	L	∅	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TP30	40-C25-120	2	40	24	25	120	30	TPMN1603	M6	L4
	20-C20-120	1	20	3	20	120	45			
TP45	32-C20-120	2	32	12	20	120	45			
	50-C25-150	3	50	22	25	150	45	TPMN2204	M8	L5
TP60	40-C25-120	2	40	24	25	120	60	TPMN1603	M6	L4
	55-C32-150	3	55	22	32	150	60	TPMN2204	M8	L5

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

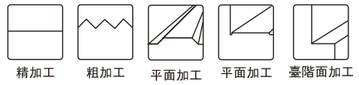
1、本刀可30度，45度，60度切削。
2、適合一般銑床，綜合切削中心機。
3、適用于各種尺寸的倒角加工。
1、Available milling angel in 30 ° 45 ° 60 °
2、Suitable for common milling machine, integrated machine center.
3、Chamfering for various size





TP RIGHT ANGLE MILLING CUTTER

TP 捨弃式直角銑刀



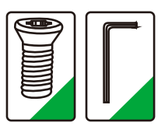
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
TP	20-C20-90	2	20	20	9	30	90	TPMN110204	M5	L3
	25-C20-100	2	25	20	9	9	100	TPMN110304		
	32-C20-130	2	32	20	9	30	130	TPMN160308	M6	L4
	35-C20-130	2	35	20	14	40	130	TPMN160308	M6	L4
	35-C20-160	2	35	25	14	40	160			
	35-C20-200	2	35	25	14	40	200			
	35-C25-160	2	35	25	14	40	160			
	35-C25-200	2	35	25	14	40	200			
	35-C32-160	2	35	32	14	40	160			
	35-C32-200	2	35	32	14	40	200			
	40-C20-160	3	40	20	14	40	160	TPMN160308	M6	L4
	40-C25-130	3	40	25	14	40	130			
	40-C25-160	3	40	25	14	40	160			
	40-C25-200	3	40	25	14	40	200			
	40-C32-160	3	40	32	14	40	160			
	40-C32-200	3	40	32	14	40	200			
	50-C20-160	3	50	20	14	40	160	TPMN160308	M6	L4
	50-C25-160	3	50	25	14	40	160			
	50-C25-200	3	50	25	14	40	200			
	50-C32-160	3	50	32	14	40	160			
	50-C32-200	3	50	32	14	40	200			
	63-C20-160	4	63	20	20	40	160	TPMN220412	M8	L5
	63-C25-160	4	63	25	20	40	160			
	63-C32-160	4	63	32	20	40	160			
	63-C32-200	4	63	32	20	45	200			

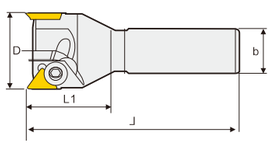
適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

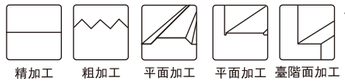
產品特性/Feature

1、有效加工，模具底部，加工便利。
2、用于溝切削，直角肩型切削。
3、隅角90度。

1、Suitable for efficient machining in bottom of mould
2、Slotting and shoulder milling
3、Right angle, high bending rigidity to strong cutting .

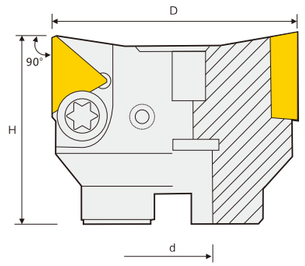






TP90° RIGHT ANGLE FACE MILLING CUTTER

TP90° 直角平面立銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	H	刀片型號 Insert	傘形壓板 Screw	扳手 Wrench
TP90	50-22	3	50	22	50	TPMN1603	M6	WRN-M3T
	63-22	3	63	22	50	TPMN2204	M8	WRN-M4T
	80-27	4	80	27	50	TPMN2204	M8	WRN-M4T
	100-32	4	100	32	50	TPMN2204	M8	WRN-M4T
	125-40	6	125	40	63	TPMN2204	M8	WRN-M4T

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

1、銑削加工，小馬力銑床及M/C加工用，隅角90度。
2、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命。

1、Workable in low power milling machine and M/C with 90 ° corner angle
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life.

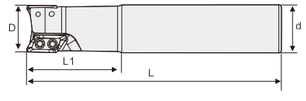
HIGH SPEED MILLING CUTTER FOR AL

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

AXD4000R 快進給鋁用銑刀杆

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AXD 4000R	25-C25-160L	2	25	25	17	70	160	XDGX1750** PDFR	M3*7	T10
	25-C25-200L	2	25	25	17	70	200			
	32-C32-160L	2	32	32	17	48	160			
	32-C32-200L	2	32	32	17	48	200			
	35-C32-160L	3	35	35	17	48	160			
	35-C32-200L	3	35	35	17	48	200			
	40-C32-160L	3	40	32	17	60	160			
	40-C32-200L	3	40	32	17	60	200			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



HIGH SPEED MODULAR CUTTER FOR AL

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

AXD4000R 快進給鋁用鎖牙頭

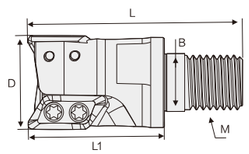
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AXD 4000R	25-M12-2T	2	25	57	35	12.5	M12	XDGX1750**PDFR	M3*7	T10
	32-M16-2T	2	32	63	40	17	M16			
	35-M16-3T	3	35	63	40	17	M16			
	40-M16-3T	3	40	63	40	17	M16			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

1、低切削阻力，高速加工鋁件
2、適合各種加工形態
3、立面精度好，加工表面光潔度高

1. High speed machining for aluminum material with low cutting resistance
2. Wide range of application
3. Good performance with high surface finish



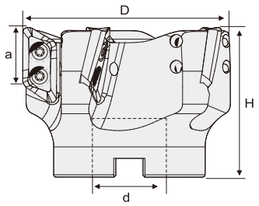
精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

HIGH SPEED FACE MILLING CUTTER FOR AL

AXD4000R 快進給鋁用銑刀盤

	型號 Specification	刃數 Teeth	外形尺寸 (mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AXD 4000R	50-22	4	50	22	17	50	XDGX1750**PDFR	M3*7	T10
	63-22	5	63	22	17	50			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



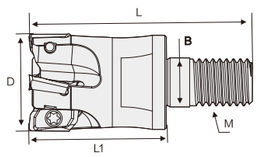
精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

HIGH SPEED MODULAR CUTTER FOR AL

SB90 快進給鋁用鎖牙頭

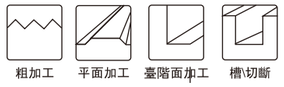
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SB90	16-M8-2T	2	16	46	28	8.5	M8	AXGT120608	M2.5*6	T8
	17-M8-2T	2	17	46	28	8.5	M8			
	20-M10-3T	3	20	49	30	10.5	M10			
	21-M10-3T	3	21	49	30	10.5	M10			
	25-M12-4T	4	25	57	35	12.5	M12			
	26-M12-4T	4	26	57	35	12.5	M12			
	32-M16-5T	5	32	63	40	17.0	M16			
	35-M16-5T	5	35	63	40	17.0	M16			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



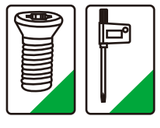
ROUGH END MILLING CUTTER

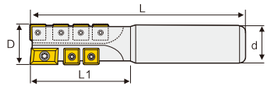
DCCC 粗切削銑刀



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
DCCC	25-C32-130L	6	25	32	50	130	CCMX083508EN ZCMX083508ER	M3*10	T15
	25-C32-150L	10	25	32	70	150			
	32-C32-110L	8	32	32	60	110	CCMX09T308EN ZCMX09T308ER	M3*10	T15
	32-C32-160L	12	32	32	80	160			
	40-C42-160L	15	40	42	70	160			
	40-C42-200L	24	40	42	100	200			
	50-C50.8-175L	18	50	50.8	90	175			
	50-C50.8-205L	27	50	50.8	120	205			

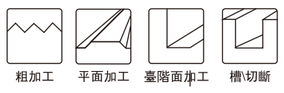
適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN





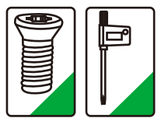
ROUGH END MILLING CUTTER

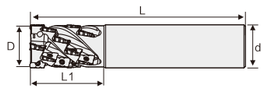
MECH 粗切削銑刀



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MECH	25-C25-140L	8	25	25	37	140	BDMT11T308ER	M2.5*6	T8
	32-C32-160L	20	32	32	46	160			
	40-C32-160L	24	40	32	55	160			

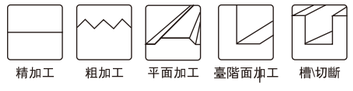
適用刀片 SUITABLE INSERT: 速肯, SUKEN





DSM ROUGH END MILLING CUTTER

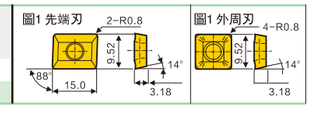
DSM 粗切削端銑刀



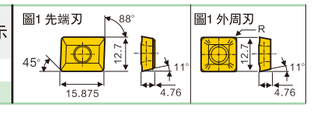
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
DSM	32-C32-150	4	32	32	44	150	IM-CT32N IMSP32TS	M4	T15
	40-C32-165	4	40	32	52	165			
	40-C42-165	4	40	42	52	165			
	50-C32-200	4	50	42	56	200	IMCP43N IMSP43GS	M5	T20
	50-C42-250	4	50	42	66	250			

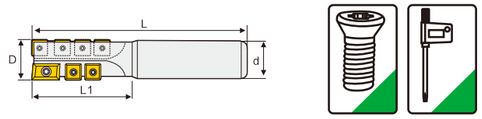
適用刀片 SUITABLE INSERT: 黛杰 DIJET, 速肯 SUKEN

型號	PVD涂層 JC5015	JC5030	JC5040	圖示
IM-CP32N	●	●	●	1
IM-SP32GS	●	●	●	2



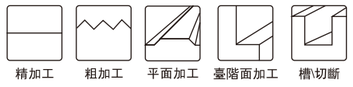
型號	PVD涂層 JC3521	JC3562	JC5015	JC5030	JC5040	JC8015	圖示
IM-CP43N	●	●	●	●	●	●	1
IM-SP43GS	●	●	●	●	●	●	2





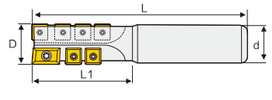
SPE ROUGH END MILLING CUTTER

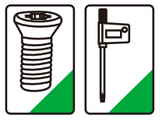
SPE 粗切削端銑刀



	型號 Specification	圖示 Figure	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	刀片型號 Insert T		T		螺絲 Screw	扳手 Wrench
SPE	40-C42-180	A	2	40	42	56	180	1	LPMT1504	5	SPMT1204	M5	T20
	40-C32-160	A	4	40	32	50	160	2	P27215-3	12	SDMT090308	M4	T15
	50-C42-200	B	4	50	42	77	200	2	LPMT1504	14	SPMT1204	M5	T20
	50-C42-200	B	4	50	42	97	200	2	LPMT1504	18	SPMT1204	M5	T20
	50-C42-250	B	4	50	42	158	250	2	LPMT1504	30	SPMT1204	M5	T20
	50-C42-200	A	3	50	42	75	200	\	\	21	SPMT1204	M5	T20

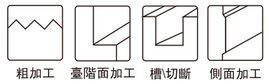
適用刀片 SUITABLE INSERT: ISO, 速肯 SUKEN

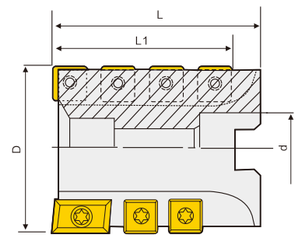




PMC SHELL ROUGH MILLING CUTTER

PMC 殼式粗切削端銑刀





	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L1	L	T	刀片型號 Insert	T		螺絲 Screw	扳手 Wrench
PMC	80-31.75	6	80	31.75	67	80	3	LPMT1504	18	SPMT1204	M5	T20
	80-32	6	80	32	67	80	3	LPMT1504	18	SPMT1204	M5	T20
	100-38.1	8	100	38.1	77	100	4	LPMT1504	28	SPMT1204	M5	T20
	100-40	8	100	40	77	100	4	LPMT1504	28	SPMT1204	M5	T20

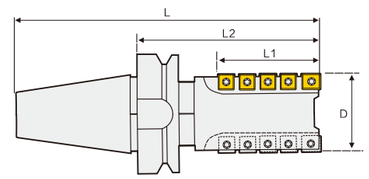
適用刀片 SUITABLE INSERT: ISO, 速肯 SUKEN

產品特性/Feature

1、高效能粗銑刀，能加工深孔。
2、尺寸可由刀杆隨意變換深度，發揮最大效能。
1、High performance in rough milling, deep hole processing.
2、Maximum processing efficiency by freely change of different depth of cutter bars.

BT-BMC ROUGH MILLING HOLDER

BT-BMC 粗切削端銑刀

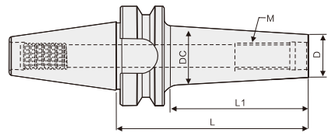


	型號 Specification	外形尺寸(mm)Size D	d	L1	L	刀槽數 T Z	Insert LPMT1504 a(T)	Insert SPMT1204 b(T)
BT50	BMC-50-56L	50	56	126	228	4	2	10
	BMC-50-77L	50	77	146	248	4	2	14
	BMC-50-97L	50	97	166	268	4	2	18
	BMC-63-67L	63	67	136	238	4	2	12
	BMC-63-87L	63	87	156	258	4	2	16
	BMC-63-107L	63	107	176	278	4	2	20

適用刀片 SUITABLE INSERT: ISO, 速肯 SUKEN

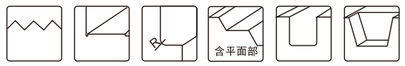
INDEXABLE CUTTING TOOLS

PAGE86
PAGE85



INDEXABLE SCREW TYPE MODULAR CUTTER

可轉位鎖牙式立銑刀柄



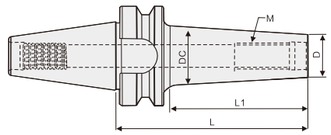
粗加工 平面加工 臺階面加工 仿形加工 槽\切斷 挖掘加工

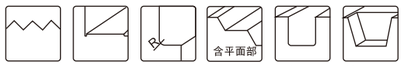
型號 Specification	外形尺寸(mm)Size M	D	DC	L	L1	單邊斜度 Angle
BT30-M6-50L	M6	11.5	13.4	50	30	3°
BT30-M6-100L	M6	12	14	100	80	3°
BT30-M8-50L	M8	15	17.5	50	30	3°
BT30-M8-100L	M8	15	22.5	100	80	3°
BT30-M10-50L	M10	19	44.5	50	30	3°
BT30-M10-100L	M10	19	25.5	100	80	3°
BT30-M12-50L	M12	23	26	50	30	3°
BT30-M12-100L	M12	23	30	100	80	3°
BT30-M16-50L	M16	30	32.5	50	30	3°
BT30-M16-100L	M16	31	32	100	80	3°
BT40-M8-70	M8	15.5	16	70	45	3°
BT40-M8-100	M8	15	37.5	100	75	3°
BT40-M8-150	M8	15	21.5	150	125	3°
BT40-M8-200	M8	14.5	25.5	200	175	3°
BT40-M10-70	M10	19	23.5	70	45	3°
BT40-M10-100	M10	19	26.5	100	75	3°
BT40-M10-150	M10	19	32	150	125	3°
BT40-M10-200	M10	19.5	37.5	200	175	3°
BT40-M12-70	M12	24	28	70	45	3°
BT40-M12-100	M12	24	31	100	75	3°
BT40-M12-150	M12	24	36	150	125	3°
BT40-M12-200	M12	24	42	200	175	3°
BT40-M16-70	M16	30	34	70	45	3°
BT40-M16-100	M16	30	37.5	100	75	3°
BT40-M16-150	M16	30	43	150	125	3°
BT40-M16-200	M16	30	48.5	200	175	3°

產品特性/Feature

1、模塊化組合，刀頭與刀柄螺紋連接，沉頭結合
2、刀柄直接連接刀頭，無需筒夾，降低多次裝夾精度公差
3、刀片切削均勻提高刀片壽命，減少加工過程中因為周跳導致的振紋
4、可換式刀頭，重復裝夾精度高，適合開粗和精銑
5、刀頭可以對應不同型號刀片，與刀柄多種組合，即使刀具部分損壞也可立即更換，更經濟

1、Modular type screw cutter connected with tool holder, countersink surface.
2、Direct connection without collet, repetition tolerance is reduced.
3、Equal cutting force promise the improved insert life and less processing chatter marks
4、Changeable screw cutter bar, precision repetition , suitable for rough and finish machining.
5、Various insert type can be applied for the the screw cutter, different combinations with the tool holder are available .
Part of tools can be replaced easily, more economical





粗加工 平面加工 臺階面加工 仿形加工 槽\切斷 挖掘加工

INDEXABLE SCREW TYPE MODULAR CUTTER

可轉位鎖牙式立銑刀柄

型號 Specification	外形尺寸(mm)Size M	D	DC	L	L1	單邊斜度 Angle
BT50-M8-100	M8	15	20.9	100	75	3°
BT50-M8-150	M8	15	26.1	150	115	3°
BT50-M8-200	M8	15	31.3	200	165	3°
BT50-M8-250	M8	15	36.5	250	215	3°
BT50-M8-300	M8	15	41.7	300	265	3°
BT50-M10-100	M10	19	24.8	100	75	3°
BT50-M10-150	M10	19	30	150	115	3°
BT50-M10-200	M10	19	35.2	200	165	3°
BT50-M10-250	M10	19	40.5	250	215	3°
BT50-M10-300	M10	19	45.7	300	265	3°
BT50-M12-100	M12	23	28	100	75	3°
BT50-M12-150	M12	23	34.1	150	115	3°
BT50-M12-200	M12	23	39.4	200	165	3°
BT50-M12-250	M12	23	44.6	250	215	3°
BT50-M12-300	M12	23	49.8	300	265	3°
BT50-M16-100	M16	29	34.7	100	75	3°
BT50-M16-150	M16	29	39.9	150	115	3°
BT50-M16-200	M16	29	45.2	200	165	3°
BT50-M16-250	M16	29	50.4	250	215	3°
BT50-M16-300	M16	29	55.6	300	265	3°

特點/Feature

1、模塊化組合，刀頭與刀柄螺紋連接，沉頭結合
2、刀柄直接連接刀頭，無需筒夾，降低多次裝夾精度公差
3、刀片切削均勻提高刀片壽命，減少加工過程中因為周跳導致的振紋
4、可換式刀頭，重復裝夾精度高，適合開粗和精銑
5、刀頭可以對應不同型號刀片，與刀柄多種組合，即使刀具部分損壞也可立即更換，更經濟

1、Modular type screw cutter connected with tool holder, countersink surface.
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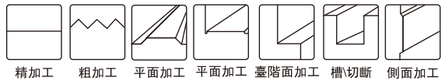
Part of tools can be replaced easily, more economical

PRECISION

from meticulosity

精密 源自一絲不苟

INDEXABLE CUTTING TOOLS
SUKEN®



CARBIDE MODULAR CUTTER

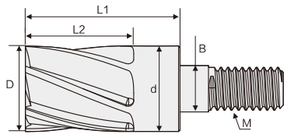
鎢鋼鎖牙式刀頭

型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	L2	L1	B(length*dia)	M
10-H10-5T-M5	5	10	9.7	10	20	4x5.5	M5
R5-H10-4T-M5	4	10	9.7	10	20	4x5.5	M5
10R0.5-H10-4T-M5	4	10	9.7	10	20	4x5.5	M5
10R1-H10-4T-M5	4	10	9.7	10	20	4x5.5	M5
12-H12-5T-M6	5	12	11.7	12	24	4x6.5	M6
R6-H12-4T-M6	4	12	11.7	12	24	4x6.5	M6
12R0.5-H12-4T-M6	4	12	11.7	12	24	4x6.5	M6
12R1-H12-4T-M6	4	12	11.7	12	24	4x6.5	M6
16-H16-5T-M8	5	16	15.7	16	32	5x8.5	M8
R8-H16-4T-M8	4	16	15.7	16	32	5x8.5	M8
16R0.5-H16-4T-M8	4	16	15.7	16	32	5x8.5	M8
16R1-H16-4T-M8	4	16	15.7	16	32	5x8.5	M8
20-H20-5T-M10	5	20	19.5	20	40	5.5x10.5	M10
R10-H20-4T-M10	4	20	19.5	20	40	5.5x10.5	M10
20R0.5-H20-4T-M10	4	20	19.5	20	40	5.5x10.5	M10
20R1-H20-4T-M10	4	20	19.5	20	40	5.5x10.5	M10
25-H25-5T-M12	5	25	24.5	25	50	5.5x12.5	M12
R12.5-H25-4T-M12	4	25	24.5	25	50	5.5x12.5	M12
25R0.5-H25-4T-M12	4	25	24.5	25	50	5.5x12.5	M12
25R1-H25-4T-M12	4	25	24.5	25	50	5.5x12.5	M12

產品特性/Feature

1、可換式刀頭，經濟高效
2、重復裝夾精度高

1. Changeable modular mill head,more economical
2. Precise repetition



HSS MODULAR EXTENSION SHANK

高速鋼抗震刀杆

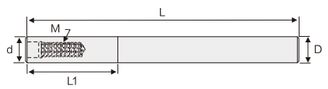
精加工 臺階面加工 臺階面加工 仿形加工 槽\切斷 側面加工 挖掘加工

型號 Specification	外形尺寸(mm)Size M	D	d	L1	L
10-M5-100L-40H	M5	10	9.6	40	100
10-M5-150L-40H	M5	10	9.6	40	150
12-M6-100L-40H	M6	12	11.5	40	100
12-M6-150L-40H	M6	12	11.5	40	150
16-M8-100L-40H	M8	16	15.4	40	100
16-M8-150L-40H	M8	16	15.4	40	150
16-M8-200L-40H	M8	16	15.4	40	200
20-M10-100L-40H	M10	20	19	40	100
20-M10-150L-40H	M10	20	19	40	150
20-M10-200L-40H	M10	20	19	40	200
25-M12-100L-40H	M12	25	24.5	40	100
25-M12-150L-40H	M12	25	24.5	40	150
25-M12-200L-40H	M12	25	24.5	40	200

產品特性/Feature

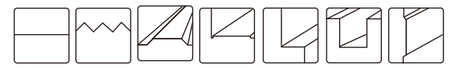
1、提高抗震強度，加工尺寸精密， 工件表面光潔度高。
2、適合懸伸工件加工。
3、刀片切削均勻提高刀片壽命，減少加工過程中因為周跳導致的振紋。
4、搭配可換式螺紋頭，重復裝夾精度高，適合開粗和精銑。
5、刀杆可以對應不同型號刀頭，與刀柄多種組合，即使刀具部分損壞也可立即更換，更經濟。

1、Anti-shock ability to improve the dimension precision and finish surface of work piece.
2、Suitable for large overhanging machining
3、Equal cutting force promise the improved insert life and less processing chatter marks
4、Changeable screw cutter bar, precision repetition , suitable for rough and finish machining.
5、Various screw cutter type can be applied for the shank, different combinations with the tool holder are available . Part of tools can be replaced easily, more economical.



TUNGSTEN STEEL EXTENSION SHANK

直杆系列–鎖牙式抗震鎢鋼刀杆

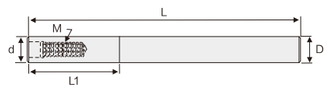


精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

型號 Specification	外形尺寸(mm)Size M	D	d	L
8-M4-100	M4	8	8	100
10-M5-100	M5	10	10	100
10-M5-150	M5	10	10	150
12-M6-100	M6	12	12	100
12-M6-150	M6	12	12	150
12-M6-200	M6	12	12	200
15-M8-100	M8	15	15	100
15-M8-150	M8	15	15	150
15-M8-200	M8	15	15	200
16-M8-100	M8	16	16	100
16-M8-150	M8	16	16	150
16-M8-200	M8	16	16	200
16-M8-250	M8	16	16	250
16-M8-300	M8	16	16	300
19-M10-150	M10	19	19	150
19-M10-200	M10	19	19	200
19-M10-250	M10	19	19	250
20-M10-100	M10	20	20	100
20-M10-150	M10	20	20	150
20-M10-200	M10	20	20	200
20-M10-250	M10	20	20	250
20-M10-300	M10	20	20	300
24-M12-150	M12	24	24	150
24-M12-200	M12	24	24	200
24-M12-250	M12	24	24	250
24-M12-300	M12	24	24	300
25-M12-150	M12	25	25	150
25-M12-200	M12	25	25	200
25-M12-250	M12	25	25	250
25-M12-300	M12	25	25	300
32-M16-150	M16	32	32	150
32-M16-200	M16	32	32	200
32-M16-250	M16	32	32	250
32-M16-300	M16	32	32	300
32-M16-350	M16	32	32	350
32-M16-400	M16	32	32	400

特殊尺寸可接受定制

產品特性/Feature



1、提高抗震強度，加工尺寸精密， 工件表面光潔度高。
2、適合懸伸工件加工。
3、刀片切削均勻提高刀片壽命，減少加工過程中因為周跳導致的振紋。
4、搭配可換式螺紋頭，重復裝夾精度高，適合開粗和精銑。
5、刀杆可以對應不同型號刀頭，與刀柄多種組合，即使刀具部分損壞也可立即更換，更經濟。

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PRECISION

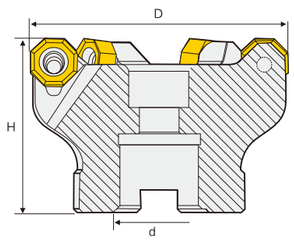
from meticulosity

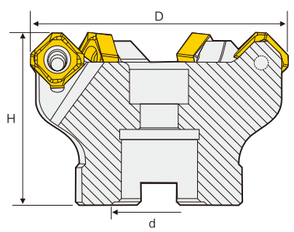
精密 源自一絲不苟

HIGH FEED FACE MILLING CUTTER

SKN 大進給平面銑削刀盤

粗加工 平面加工 臺階面加工 仿形加工 槽\切斷 挖掘加工





	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SKN	50–22	5	50	22	50	SNMU1305ANTR ONMU050505	M4	T15
	63–22	6	63	22	50			
	80–27	7	80	27	50			
	100–32	9	100	32	50			
	125–40	10	125	40	63			
	160–40	12	160	40	63			
	200–60	14	200	60	63			
	250–60	16	250	60	63			

適用刀片 SUITABLE INSERT: 伊斯卡 ISCAR, 速肯 SUKEN

產品特性/Feature

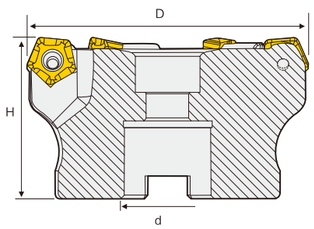
1、雙面刀片。
2、通裝四角和八角刀片。

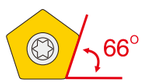
1、Double-sided insert.
2、Suitable for two kind insert, ON** and SN** .

粗加工 平面加工 臺階面加工 仿形加工 槽\切斷 挖掘加工

HIGH FEED FACE MILLING CUTTER

MFPN66 大進給平面銑削刀盤





	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
MFPN66	50–22	4	50	22	50	PNMU0905	M4	T15
	63–22	5	63	22	50			
	80–27	6	80	27	50			
	100–32	7	100	32	50			
	125–40	9	125	40	63			
	160–40	11	160	40	63			
	200–60	13	200	60	63			
	250–60	15	250	60	63			

適用刀片 SUITABLE INSERT: 京瓷 KYOCERA, 速肯 SUKEN

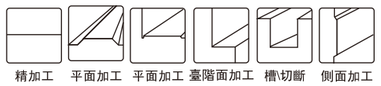
產品特性/Feature

1、最適合大進給切削。
2、采用錐型設計，抗彎鋼性極高。

1、Suitable for high feed milling
2、Tapered design ensures high bending rigidity for stable cutting

ASX445 FACE MILLING CUTTER

ASX445 高精面銑刀盤



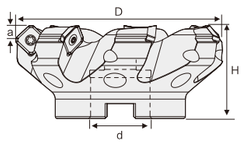
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASX 445	50–22	4	50	22	6	50	SEMT 13T3AGSN	M4*9	T15
	63–22	5	63	22	6	50			
	80–27	6	80	27	6	50			
	100–32	7	100	32	6	50			
	125–40	9	125	40	6	63			
	160–40	10	160	40	6	63			
	200–60	12	200	60	6	63			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

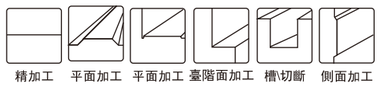
1、高速平面加工，適用于鋼件或鋁件。 2、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命。
3、雙重夾緊機構鋼性好。

1、Suitable for high speed face milling in steel and aluminum material.
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life.
3、Extremely dual clamping mechanism enhances the stability and rigidity.



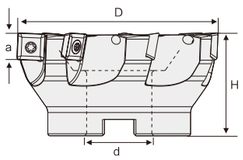
ASX400 FACE MILLING CUTTER

ASX400 高精面銑刀盤



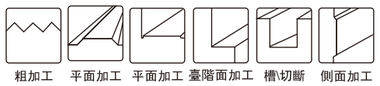
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ASX 400	50–22	4	50	22	12	50	SOMT 12T308PEER	M4*9	T15
	63–22	5	63	22	12	50			
	80–27	6	80	27	12	50			
	100–32	7	100	32	12	50			
	125–40	8	125	40	12	63			
	160–40	10	160	40	12	63			
	200–60	12	200	60	12	63			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN



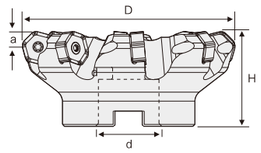
HN09 FACE MILLING CUTTER

HN09 大進給面銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
HN09	50–22	4	50	22	6	50	HNGX0906 ANSN–R	M4.5*12	T15
	63–22	6	63	22	6	50			
	80–27	8	80	27	6	50			
	100–32	8	100	32	6	50			
	125–40	10	125	40	6	63			
	160–40	12	160	40	6	63			
	200–60	12	200	60	6	63			

適用刀片 SUITABLE INSERT: 普拉米特 PRAMET, 速肯 SUKEN



AHX HIGH FEED MILLING CUTTER

AHX 大進給銑刀盤

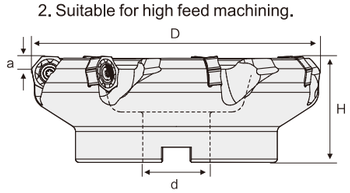
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
AHX	63–22	5	63	22	6	50	NNMU200608ZEN NNMU200708ZENM5*15 NNMU200712ZER		T20
	80–27	6	80	27	6	50			
	100–32	7	100	32	6	50			
	125–40	8	125	40	6	63			
	160–40	10	160	40	6	63			
	200–60	12	200	60	6	63			

適用刀片 SUITABLE INSERT : 三菱 MITSUBISHI, 速肯 SUKEN

產品特性/Feature

1、雙面刀片14個刃角，經濟高效。
2、適合大進給加工。

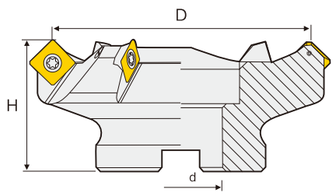
1. Double-sided insert with 14 cutting edges，high efficiency.
2. Suitable for high feed machining.



SE45° HIGH SPEED FACE MILLING CUTTER

SE45° 高速面銑刀盤

精加工 臺階面加工 臺階面加工 仿形加工 槽\切斷 側面加工 挖掘加工



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SE45°	50-22	4	50	22	50	SEKT1204	M5	T20
	63-22	4	63	22	50			
	63-25.4	5	63	25.4	50	SEKT1204	M5	T20
	80-27	5	80	27	50			
	80-25.4	5	80	25.4	50			
	100-31.75	6	100	31.75	50	SEKT1204	M5	T20
	100-32	6	100	32	50			
	125-38.1	6	125	38.1	63			
	125-40	6	125	40	63			
	160-40	7	160	40	63			

適用刀片 SUITABLE INSERT: 斯特拉姆 STEELRAM, 克洛伊 KORLOY, 速肯 SUKEN

產品特性/Feature

1、高速平面加工，適用于鋼件或鋁件。
2、優質合金鋼材料，表面鍍鎳處理，提高刀具壽命。

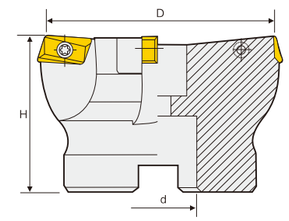
1、Suitable for high speed face milling in steel and aluminum material.
2、High quality alloy steel materail with nickel-plated surface treatment to improve corrosive resistance with increased tool life.

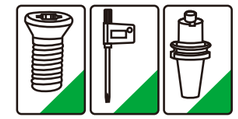
INDEXABLE CUTTING TOOLS
SUKEN®

精加工 粗加工 平面加工 平面加工 臺階面加工 槽\切斷 側面加工

PE75° FACE MILLING CUTTER

PE75° 平面立銑刀盤





	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
PE75°	63-25.4	4	63	25.4	50	APMT1604 JDMT1505	M4	T15
	80-31.75	5	80	31.75	50			
	63-22	4	63	22	50			
	80-27	5	80	27	50			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

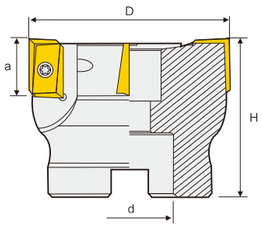
產品特性/Feature

1、適用于平面加工。
2、裝400R系列使用后的報廢刀片，刀片損耗成本為零。

1、Suitable for face milling
2、Scrapped insert of 400R series is used in this cutter, insert wastage is zero.

400R FACE MILLING CUTTER FOR AL

400R 直角平面鋁用銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸（mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
400R	50-22-4T	4	50	22	14	50	APMT1604	M4	T15
	63-22-4T	4	63	22	14	50			
	80-22-6T	6	80	22	14	50			
	100-22-6T	6	100	22	14	50			
	125-27-7T	7	125	27	14	63			
	160-27-9T	9	160	27	14	63			

適用刀片 SUITABLE INSERT: 三菱 MITSUBISHI, 速肯 SUKEN

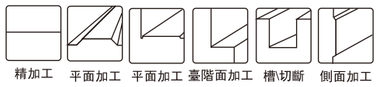
產品特性/Feature

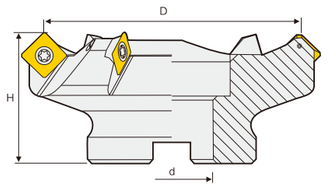
1、高速平面加工，適用于鋁件或銅件
2、加工表面光潔度高

1. High speed face milling for aluminum material or copper.
2. Good performance with high surface finish.

SE45 FACE MILLING CUTTER FOR AL

SE45 高速鋁用平面銑刀盤





	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SE45	50-22	4	50	22	50	SEHT1204	M5*11	T20
	63-22	4	63	22	50			
	80-22	5	80	22	50			
	100-22	5	100	22	50			
	125-27	7	125	27	63			
	160-27	9	160	27	63			
	200-32	8	200	32	63			

適用刀片 SUITABLE INSERT: 克洛伊 KORLOY, 速肯 SUKEN

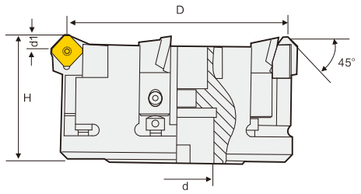
產品特性/Feature

1、高速平面加工，適用于鋁件或銅件
2、加工表面光潔度高

1. High speed face milling for aluminum material or copper.
2. Good performance with high surface finish.

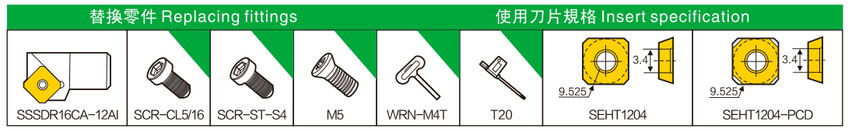
FM45° ALUMINUM FACE MILLING CUTTER

FM45° 鋁合金平面立銑刀盤

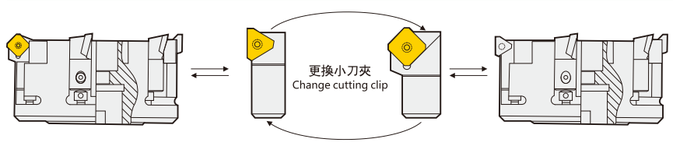


	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	d1	H	刀夾 Cutting clip	刀片 Insert	最高轉速 Highest speed	重量 Weight
FM45	80-27	4	80	27	6	63	SSSDR16CA-12AI	SEHT1204	5000	0.90
	100-32	5	100	32	6	63	SSSDR16CA-12AI	SEHT1204	3900	1.00
	125-40	6	125	40	6	63	SSSDR16CA-12AI	SEHT1204	3200	1.90
	160-40	8	160	40	6	63	SSSDR16CA-12AI	SEHT1204	2400	2.70
	200-60	10	200	60	6	63	SSSDR16CA-12AI	SEHT1204	2000	4.60
	250-60	12	250	60	6	63	SSSDR16CA-12AI	SEHT1204	1700	7.20
	300-60	14	315	60	6	63	SSSDR16CA-12AI	SEHT1204	1200	10.20

替換零件 Replacing fittings　　使用刀片規格 Insert specification



FM鋁合金平面銑刀盤
FM ALUMINUM FACE MILLING CUTTER

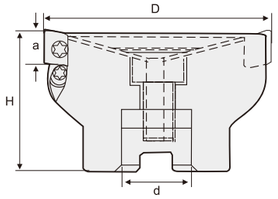


產品特性/Feature

1、大前角結構設計，切削輕快，最適合有色金屬精加工。
2、刀片采用螺釘式壓緊結構，容屑空間大，排屑流暢。
3、有動平衡調節結構。
4、刀體采用輕合金材料，在滿足刀休強度時，刀具重量較輕，適合準高速銑削加工。
1、Large front rake angle design, fast and high milling is most suitable for non-ferrous metal finishing.
2、Screw clamping structure,large capacity for outstanding chip removal.
3、Dynamic balance adjustment structure.
4、The cutter body is made of light alloy material which makes the cutter low weight with enough rigidity and capable for high speed milling.

K90 FINISHING FACE MILLING CUTTER

K90 微調高光面銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
K90	50-22	4	50	22	11	40	K590-110504 K590-110508	M4*12	T15
	63-22	5	63	22	11	40			
	80-27	6	80	27	11	50			
	100-32	6	100	32	11	50			
	125-40	8	125	40	11	63			
	160-40	10	160	40	11	63			
	200-60	16	200	60	11	63			
	250-60	20	250	60	11	63			

適用刀片 SUITABLE INSERT : 山特維克 SANDVIK, 速肯 SUKEN

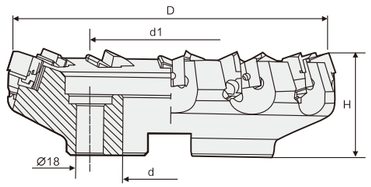
產品特性/Feature

1、強化刀體及心軸的安裝，提高了高速切削加工安全性。
2、特殊加速切削流體，加強排屑和冷卻。
3、微調有0.1mm以內的軸向調節範圍，能軾松調整至微米級的精度。
4、安裝修光刃刀片，可實現高進給高光型加工。

1. Reinforced tool body and mounting for improved safety in high-speed cutting operations.
2.Special accelerated cutting fluid for enhanced chip evacuation and cooling.
3.Micro axial adjustment less than 0.1 mm for easy adjustment to micron-level accuracy.
4 .High feed for finish machining with wiper.

FP75° FACE MILLING CUTTER

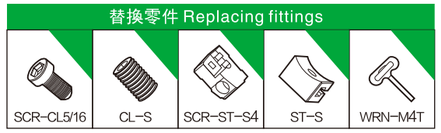
FP75° 平面銑刀盤



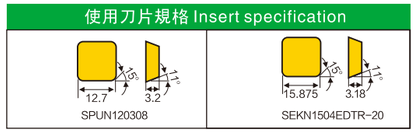
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	d1	H
FP75	80-25.4	5	80	25.4	\	50
	100-31.75	6	100	31.75	\	50
	125-38.1	8	125	38.1	\	63
	160-50.8	10	160	50.8	\	63
	200-47.625	12	200	47.625	101.6	63
	250-47.625	14	250	47.625	101.6	63
	300-47.626	16	300	47.625	101.6	63

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	d1	H
FP75	80-27	5	80	27	\	50
	100-32	6	100	32	\	50
	125-40	8	125	40	\	63
	160-40	10	160	40	\	63
	200-60	12	200	60	101.6	63
	250-60	14	250	60	101.6	63
	300-60	16	300	60	101.6	63

替換零件 Replacing fittings



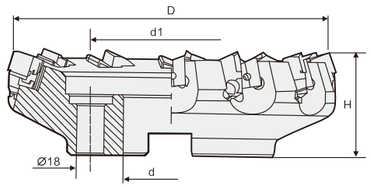
使用刀片規格 Insert specification



注：只要更換刀片座，同一個FP規格刀頭可使用SPUN120308,SPKN1504EDTR-20二種刀片。
NOTICE: The cutter can be used for SPUN120308 and SPKN1504EDTR-20 insert type by changing the insert clip.

FP45° FACE MILLING CUTTER

FP45° 平面銑刀盤



	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	d1	H
FP45	80-25.4	5	80	25.4	\	50
	100-31.75	5	100	31.75	\	50
	125-38.1	6	125	38.1	\	63
	160-50.8	8	160	50.8	\	63
	200-47.625	10	200	47.625	101.6	63
	250-47.625	12	250	47.625	101.6	63
	300-47.626	14	300	47.625	101.6	63

	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	d1	H
FP45	80-27	5	80	27	\	50
	100-32	5	100	32	\	50
	125-40	6	125	40	\	63
	160-40	8	160	40	\	63
	200-60	10	200	60	101.6	63
	250-60	12	250	60	101.6	63
	300-60	14	300	60	101.6	63

替換零件 Replacing fittings

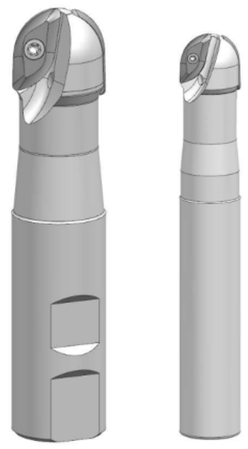
使用刀片規格 Insert specification

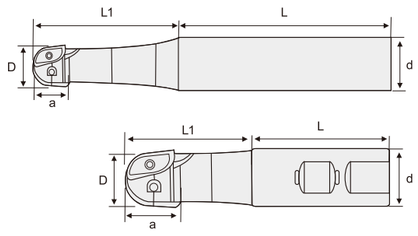
注：只要更換刀片座，同一個FP規格刀頭可使用SEKN1203,SEKN1504二種刀片。
NOTICE: The cutter can be used for SEKN1203 and SEKN1504 insert type by changing the insert clip.

S218.20 PROFILE MILLING CUTTER

S218. 20 仿形銑刀杆

粗加工 仿形加工 曲綫仿形





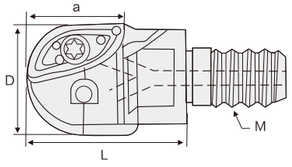
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size R	D	d	a	L1	L	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S218.20	R6-C16-160L	2	6	12	16	10	25	160	218.20-060ER-ME03	M1.8*4	T6
	R8-C16-160	2	8	16	16	14	35	160	218.20-080ER-ME04	M2.5*6	T8
	R8-C20-160	2	8	16	20	14	45	160			
	R10-C20-160	2	10	20	20	18	55	160	218.20-100ER-ME05	M3*7	T8
	R10-C25-200	2	10	20	25	18	70	200			
	R12.5-C25-160	2	12.5	25	25	22	55	160	218.20-125ER-ME07	M4*9	T15
	R12.5-C32-200	2	12.5	25	32	22	80	200			
	R15-C32-160	2	15	30	32	27	70	160	218.20-150ER-ME07	M4*10	T15
	R15-C32-200	2	15	30	32	27	80	200			
	R16-C32-160	4	16	32	32	54	70	160	218.20-160ER-ME08 SPMT100408T-M08	M4*10	T15
	R16-C32-200	4	16	32	32	54	90	200		M4*10/M3.5*9	
	R16-C32-250	4	16	32	32	54	120	250		M4*10/M3.5*9	

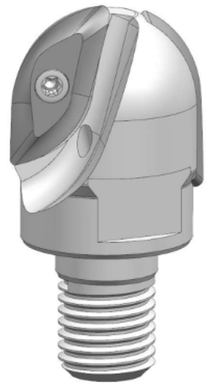
適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

粗加工 仿形加工 曲綫仿形

S218.20 PROFILE MILLING CUTTER

S218. 20 仿形鎖牙刀頭





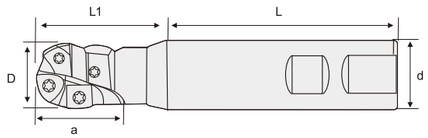
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	a	B	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S218.20	R6-M6-2T	2	12	20	10	6.5	M6	218.20-060ER-ME03	M1.8*4	T6
	R6-M8-2T	2	12	23	10	8.5	M8			
	R8-M8-2T	2	16	23	14	8.5	M8	218.20-080ER-ME04	M2.5*6	T8
	R8-M10-2T	2	16	28	14	10.5	M10			
	R10-M10-2T	2	20	28	18	10.5	M10	218.20-100ER-ME05	M3*7	T8
	R10-M12-2T	2	20	35	18	12.5	M12			
	R12.5-M12-2T	2	25	35	22	12.5	M12	218.20-125ER-ME07	M4*9	T15
	R15-M16-2T	2	30	40	27	17	M16	218.20-150ER-ME07	M4*10	T15
	R16-M16-2T	2	30	40	28	17	M16	218.20-160ER-ME08	M4*10	T15
	R20-M16-2T	2	32	50	35	17	M16	218.20-200ER-ME10	M5*13	T15

適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

S218.19 PROFILE MILLING CUTTER

S218. 19 加長刃仿形銑刀杆

粗加工 仿形加工



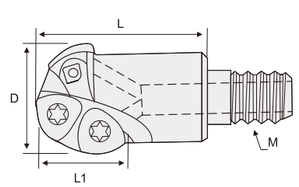
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	a	L1	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S218.19	R8-C20-100L-4T	4	16	100	17	31	20	218.19-080T-M04 SPMX060204-75	M2.2*5	T6
	R10-C25-125L-4T	4	20	125	21	31	25	218.19-100T-M06 SPMX070304-75	M2.5*6	T8
	R12.5-C25-130L-4T	4	25	130	26	46	25	218.19-125T-T3-M07 SPMX090304-75	M3*7	T8
	R16-C32-130-4T	4	32	130	31	46	32	218.19-160T-04-M08 SPMT100408T-M08	M3.5*9	T15

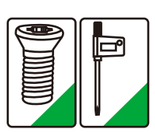
適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

S218.19 PROFILE MILLING CUTTER

S218. 19 加長刃仿形鎖牙刀頭

粗加工 仿形加工





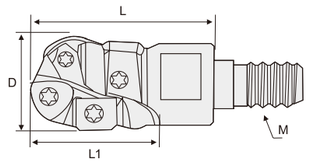
	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S218.19	R8-M8-3T	3	16	28	8	M8	218.19-080T-M04	M2.2*5	T6
	R10-M10-3T	3	20	32	10	M10	218.19-100T-M06	M2.5*6	T8
	R12.5-M12-3T	3	25	40	12.5	M12	218.19-125T-T3-M07	M3*7	T8
	R16-M16-3T	3	32	40	16	M16	218.19-160T-04-M08	M3.5*9	T15
	R20-M16-3T	3	40	50	20	M16	218.19-200T-05-M10	M5*11	T20

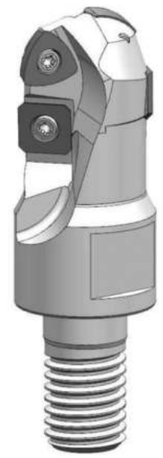
適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

粗加工 仿形加工

S218.19 PROFILE MILLING CUTTER

S218. 19 加長刃仿形鎖牙刀頭





	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	L	L1	M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S218.19	R8-M8-3T	3	16	23	12	M8	218.19-080T-M04 SPMX060204-75	M2.2*5	T6
	R10-M10-3T	3	20	28	16	M10	218.19-100T-M06 SPMX070304-75	M2.5*6	T8
	R10-M12-4T	4	20	45	21	M10	218.19-100T-T3-M07 SPMX070304-76	M2.5*6	T8
	R12.5-M12-4T	4	25	45	26	M12	218.19-125T-T3-M07 SPMX090304-75	M3*7	T8
	R16-M16-5T	5	32	55	38	M16	218.19-160T-04-M08 SPMT100408T-M08	M3.5*9	T15

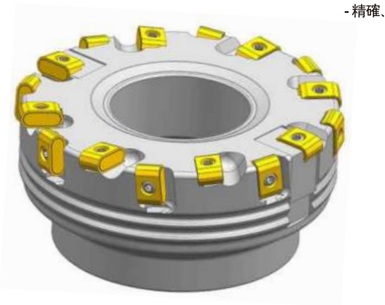
適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

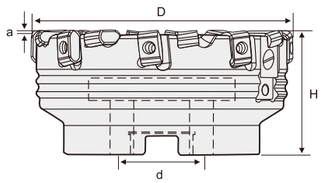
S425N FINISHING FACE MILLING CUTTER

S425N 高精面銑刀盤

應用
- 鑄鐵精加工面銑
- 主要零件：發動機缸體、曲軸箱
- 其它零件：橋殼、制動器托架、曲軸箱

應用範圍:
優點和特點
- 易于使用
- 8條切削刃
- 精確、可靠的調節系統





	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S425N	100–32	12	100	32	0.9	63	425N–1707E –KLW12	M4. 5*12	T20
	125–40	16	125	40	0.9	63			
	160–40	18	160	40	0.9	63			
	200–60	24	200	60	0.9	63			
	250–60	30	250	60	0.9	63			
	315–60	36	315	60	0.9	63			
	355–60	48	355	60	0.9	63			
	400–60	54	400	60	0.9	63			

適用刀片 SUITABLE INSERT : 山特維克 SANDVIK, 速肯 SUKEN

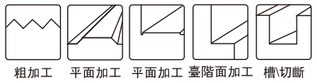
產品特性/Feature

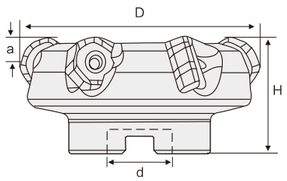
1、刀體設計可輕松調節修光刃。
2、無需松動刀夾固定螺絲，便可上下調節刀片。
3、調節系統精準穩定。

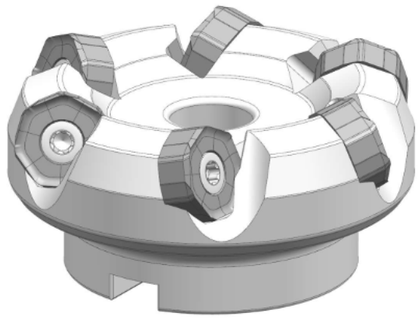
1. The cutter body is designed for easy adjustment of the wiper.
2. The insert can be adjusted without loosening the fixing screw.
3. Precise and stable adjustment system.

K745R HIGH FEED MILLING CUTTER

K745R 大進給面銑刀盤







	型號 Specification	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
K745R	63–22	5	63	22	5.2	50	745R–2109E–M30 745R–2109E–M50 745R–2109E–H50	M7*14	T20
	80–27	6	80	27	5.2	50			
	100–32	7	100	32	5.2	50			
	125–40	8	125	40	5.2	63			
	160–40	10	160	40	5.2	63			
	200–60	14	200	60	5.2	63			

適用刀片 SUITABLE INSERT : 山特維克 SANDVIK, 速肯 SUKEN

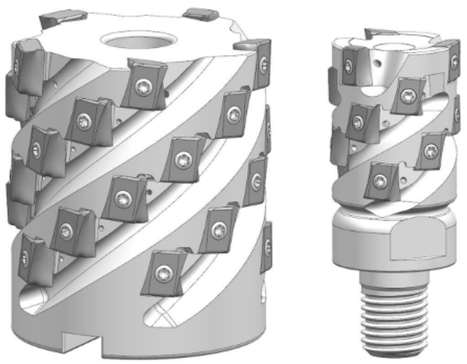
產品特性/Feature

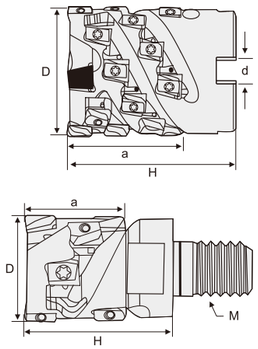
1、K745大進給銑刀盤。
2、適用于批量生產的高效加工。
3、不等齒距減少加工振紋。

1. High feed milling cutter.
2. Efficient machining for mass production.
3. Unequal tooth spacing reduces machining vibrations.

S217.94 CORN MILLING CUTTER

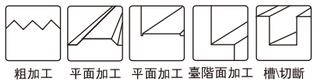
S217. 94 粗切削端齒刀





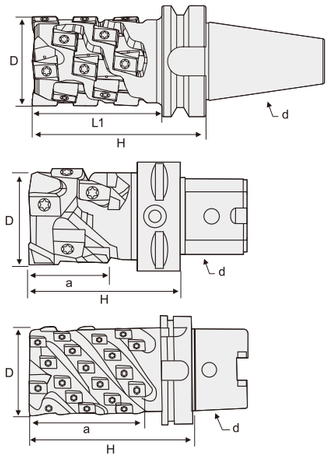
	型號 Specification	切削刃 Cutting Edge	刃數 Teeth	外形尺寸(mm)Size D	d	a	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S217.94	40-M16	2	6	40	M16	35	50	LOEX1207**R	M3*10	T8
	50-22	3	12	50	22	46	70			
	50-22	4	16	50	22	46	65			
	50-22	4	20	50	22	58	80			
	63-22	4	16	63	22	46	65			
	63-22	5	25	63	22	58	75			
	63-22	4	28	63	22	81	93			
	80-27	5	30	80	27	69	90			
	100-32	6	42	100	32	81	93			

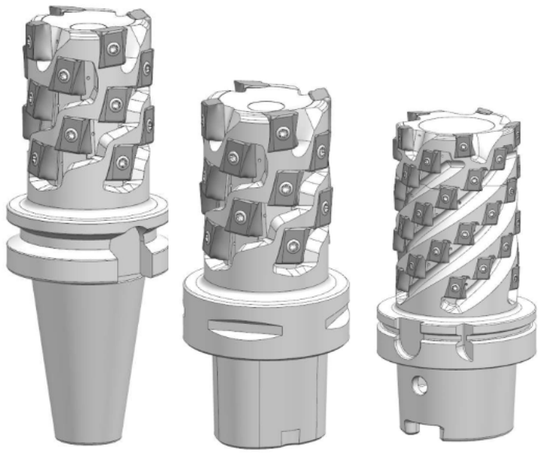
適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN



S217.94 CORN MILLING CUTTER

S217. 94 粗切削端齒刀





	型號 Specification	切削刃 Cutting Edge	刃數 Teeth	外形尺寸(mm)Size D	d	L1	H	刀片型號 Insert	螺絲 Screw	扳手 Wrench
S217.94	C5-44-35-70L-9T	3	9	44	C5	35	70	LOEX1207**R	M3*10	T8
	C5-44-58-95L-15T	3	15	44	C5	58	95			
	C6-50-81-115L-28T	4	28	50	C6	81	115			
	C5-54-69-105L-24T	4	24	54	C5	69	105			
	C6-63-92-125L-32T	4	32	63	C6	92	125			
	C6-66-81-115L-35T	5	35	66	C6	81	115			
	BT40-50-81-115L-28T	4	28	50	BT40	81	115			
	BT50-63-92-125L-32T	4	32	63	BT50	92	125			
	HSK63A-50-81-115L-28T	4	28	50	HSK63A	81	115			
	HSK100A-63-92-125L-32T	4	32	63	HSK100A	92	125			

適用刀片 SUITABLE INSERT： 山高 SECO, 速肯 SUKEN

KSD INDEXABLE

HIGH SPEED POWER DRILL

KSD 捨弃式快速钻头

1. 高速度、高進刀量鑽孔，快速縮短加工時間。
2. 適用於中心加工機到一般鑽床。
3. 鑽頭前端XR型設計，定點準確，鑽孔斷屑效果良好，用途廣泛。

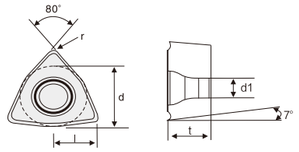
1. High speed and feed drilling to shorten the machining time.
2. Suitable for CNC machine center and common drill machine
3. XR design in the drill head ensures accurate positioning; short drilling chip,wide range of use

卓越品質 與時俱進

Outstanding quality of the times

WC** DRILL INSERT

WC 快速鑽刀片



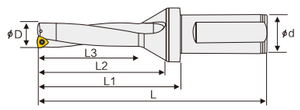
型號 Specification	外形尺寸(mm)Size l	d	t	r	d1	螺絲 Screw	扳手 Wrench
WCMX030204	3.8	5.56	2.38	0.4	2.5	M2.5x5	T8
WCMX040204	4.3	6.35	2.38	0.4	2.8	M2.5x6	T8
WCMX050308	5.4	7.94	3.18	0.8	3.4	M3.0x7	T10
WCMX06T308	6.5	9.525	3.97	0.8	4.4	M3.5x8	T15
WCMX080404	8.7	12.7	4.76	0.8	5.5	M4.0X10	T15

適用刀片 SUITABLE INSERT: 速肯 SUKEN

型號 Specification	直徑 D	有效長(mm)L3 2XD	3XD	4XD	5XD	柄徑 d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC10.0–C20–WC02	10.0–10.4	20	30	40	50	20	WCMT 020104	M2.2	T6
WC10.5–C20–WC02	10.5–11.9	21	31.5	42	52.5				
WC11.0–C20–WC02	11.0–11 .4	22	33	44	55				
WC11.5–C20–WC02	11.5–11.9	23	34.5	46	57.5				
WC12.0–C20–WC02	12.0–12.4	24	36	48	60				
WC12.5–C20–WC02	12.5–12.9	25	37.5	50	62.5				
WC13.0–C20–WC02	13.0–13.4	26	39	52	65				
WC13.5–C20–WC02	13.5–13.9	27	40.5	54	67.5				

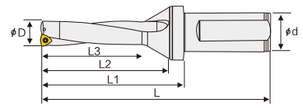
WC**-2D U-DRILL

WC-2D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC14–2D–C25	14	106	50	45	28	25	WCMX030208	M2.5X5	T8
WC14.5–2D–C25	14.5	106	50	45	28	25			
WC15–2D–C25	15	108	52	46.5	30	25			
WC15.5–2D–C25	15.5	108	52	46.5	30	25			
WC16–2D–C25	16	111	55	49.5	32	25			
WC16.5–2D–C25	16.5	111	55	49.5	32	25			
WC17–2D–C25	17	113	57	51.5	34	25			
WC17.5–2D–C25	17.5	113	57	51.5	34	25			
WC18–2D–C25	18	115	59	53.5	36	25			
WC 18.5–2D–C25	18.5	115	59	53.5	36	25			
WC19–2D–C25	19	116	60	54.5	38	25			
WC19.5–2D–C25	19.5	116	60	54.5	38	25			
WC20–2D–C25	20	119	63	57.5	42	25	WCMX40208	M2.5X6	T8
WC20.5–2D–C25	20.5	119	63	57.5	42	25			
WC21–2D–C25	21	121	65	59.5	42	25			
WC21.5–2D–C25	21.5	121	65	59.5	42	25			
WC22–2D–C25	22	120	64	58.5	44	25			
WC22.5–2D–C25	22.5	120	64	58.5	44	25			
WC23–2D–C25	23	125	69	63.5	46	25			
WC23.5–2D–C25	23.5	125	69	63.5	46	25			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



WC**-2D U-DRILL

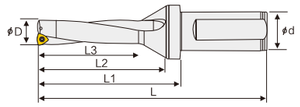
WC-2D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC24–2D–C25	24	127	71	65.5	48	25	WCMT50308	M3.0X7	T10
WC24.5–2D–C25	24.5	127	71	65.5	48	25			
WC25–2D–C32	25	135	75	69	50	32			
WC25.5–2D–C32	25.5	135	75	69	50	32			
WC26–2D–C32	26	139	79	73	52	32			
WC27–2D–C32	27	141	81	75	54	32			
WC28–2D–C32	28	141	81	75	56	32			
WC29–2D–C32	29	143	83	77	58	32			
WC30–2D–C32	30	145	85	79	60	32			
WC31–2D–C32	31	145	85	79	62	32	WCMT06T308	M3.5X8	T15
WC32–2D–C32	32	147	87	81	64	32			
WC33–2D–C32	33	149	89	83	66	32			
WC34–2D–C32	34	151	91	85	68	32			
WC35–2D–C32	35	153	93	87	70	32			
WC36–2D–C32	36	155	95	89	72	32			
WC37–2D–C32	37	159	99	93	74	32			
WC38–2D–C32	38	161	101	95	76	32			
WC39–2D–C32	39	161	101	95	78	32			
WC40–2D–C32	40	163	103	97	80	32			
WC41–2D–C32	41	165	105	99	82	32			
WC42–2D–C40	42	182	112	106	84	40	WCMT080412	M4.0X10	T15
WC43–2D–C40	43	184	114	108	86	40			
WC44–2D–C40	44	186	116	110	88	40			
WC45–2D–C40	45	188	118	112	90	40			
WC46–2D–C40	46	190	120	114	92	40			
WC47–2D–C40	47	192	122	116	94	40			
WC48–2D–C40	48	194	124	118	96	40			
WC49–2D–C40	49	196	126	120	98	40			
WC50–2D–C40	50	198	128	122	100	40			
WC51–2D–C40	51	200	130	124	102	40			
WC52–2D–C40	52	202	132	126	104	40			
WC53–2D–C40	53	204	134	128	106	40			
WC54–2D–C40	54	206	136	130	108	40			
WC55–2D–C40	55	208	138	132	110	40			
WC56–2D–C40	56	210	140	134	112	40			
WC57–2D–C40	57	212	142	136	114	40			
WC58–2D–C40	58	214	144	138	116	40			
WC59–2D–C40	59	216	146	140	118	40			
WC60–2D–C40	60	220	150	144	120	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

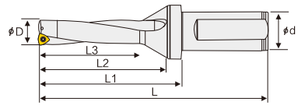
WC**-3D U-DRILL

WC-3D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC14-3D-C25	14	121	65	59.5	42	25	WCMX30208	M2.5X5	T8
WC14.5-3D-C25	14.5	121	65	59.5	43.5	25			
WC15-3D-C25	15	123	67	61.5	45	25			
WC15.5-3D-C25	15.5	123	67	61.5	46.5	25			
WC16-3D-C25	16	127	71	66	48	25			
WC16.5-3D-C25	16.5	127	71	66	49.5	25			
WC17-3D-C25	17	130	74	69	51	25			
WC17.5-3D-C25	17.5	130	74	69	52.5	25			
WC18-3D-C25	18	133	77	72	54	25			
WC18.5-3D-C25	18.5	133	77	72	55.5	25			
WC19-3D-C25	19	135	79	74	57	25			
WC19.5-3D-C25	19.5	135	79	74	58.5	25			
WC20-3D-C25	20	139	83	78	60	25	WCMX40208	M2.5X6	T8
WC20.5-3D-C25	20.5	139	83	78	61.5	25			
WC21-3D-C25	21	142	86	81	63	25			
WC21.5-3D-C25	21.5	142	86	81	64.5	25			
WC22-3D-C25	22	142	86	81	66	25			
WC22.5-3D-C25	22.5	142	86	81	67.5	25			
WC23-3D-C25	23	148	92	87	69	25			
WC23.5-3D-C25	23.5	148	92	87	70.5	25			
WC24-3D-C25	24	151	95	90	72	25	WCMT50308	M3.0X7	T10
WC24.5-3D-C25	24.5	151	95	90	73.5	25			
WC25-3D-C32	25	160	100	94	75	32			
WC25.5-3D-C32	25.5	160	100	94	76.5	32			
WC26-3D-C32	26	165	105	99	78	32			
WC26.5-3D-C32	26.5	165	105	99	79.5	32			
WC27-3D-C32	27	168	108	102	81	32			
WC27.5-3D-C32	27.5	168	108	102	82.5	32			
WC28-3D-C32	28	169	109	103	84	32			
WC28.5-3D-C32	28.5	169	109	103	85.5	32			
WC29-3D-C32	29	172	112	106	87	32			
WC29.5-3D-C32	29.5	172	112	106	88.5	32			
WC30-3D-C32	30	175	115	109	90	32			
WC30.5-3D-C32	30.5	175	115	109	91.5	32			
WC31-3D-C32	31	176	116	110	93	32	WCMT06T308	M3.5X8	T15
WC31.5-3D-C32	31.5	176	116	110	94.5	32			
WC32-3D-C32	32	179	119	113	96	32			
WC32.5-3D-C32	32.5	179	119	113	97.5	32			
WC33-3D-C32	33	182	122	116	99	32			
WC33.5-3D-C32	33.5	182.0	122.0	116.0	100.5	32			
WC34-3D-C32	34	185	125	119	102	32			
WC34.5-3D-C32	34.5	185	125	119	103.5	32			
WC35-3D-C32	35	188	128	122	105	32			
WC35.5-3D-C32	35.5	188	128	122	106.5	32			
WC36-3D-C32	36	191	131	125	108	32			
WC36.5-3D-C32	36.5	191	131	125	109.5	32			
WC37-3D-C32	37	196	136	130	111	32			
WC37.5-3D-C32	37.5	196	136	130	112.5	32			
WC38-3D-C32	38	199	139	133	114	32			
WC38.5-3D-C32	38.5	199	139	133	115.5	32			
WC39-3D-C32	39	200	140	134	117	32			
WC39.5-3D-C32	39.5	200	140	134	118.5	32			
WC40-3D-C32	40	203	143	137	120	32			
WC41-3D-C32	41	206	146	140	123	32			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



WC**-3D U-DRILL

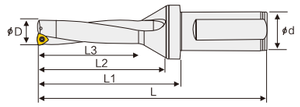
WC-3D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC42-3D-C40	42	224	154	148	126	40	WCMT080412	M4.0X10	T15
WC43-3D-C40	43	227	157	151	129	40			
WC44-3D-C40	44	230	160	154	132	40			
WC45-3D-C40	45	233	163	157	135	40			
WC46-3D-C40	46	236	166	160	138	40			
WC47-3D-C40	47	239	169	163	141	40			
WC48-3D-C40	48	242	172	166	144	40			
WC49-3D-C40	49	245	175	169	147	40			
WC50-3D-C40	50	248	178	172	150	40			
WC51-3D-C40	51	251	181	175	153	40			
WC52-3D-C40	52	254	184	178	156	40			
WC53-3D-C40	53	257	187	181	159	40			
WC54-3D-C40	54	260	190	184	162	40			
WC55-3D-C40	55	263	193	187	165	40			
WC56-3D-C40	56	266	196	190	168	40			
WC57-3D-C40	57	269	199	193	171	40			
WC58-3D-C40	58	272	202	196	174	40			
WC59-3D-C40	59	275	205	199	177	40			
WC60-3D-C40	60	280	210	204	180	40			
WC61-3D-C40	61	283	213	207	183	40	WCMT06T308	M3.5X8	T15
WC62-3D-C40	62	286	216	210	186	40			
WC63-3D-C40	63	289	219	213	189	40			
WC64-3D-C40	64	292	222	216	192	40			
WC65-3D-C40	65	295	225	219	195	40			
WC66-3D-C40	66	298	228	222	198	40			
WC67-3D-C40	67	301	231	225	201	40			
WC68-3D-C40	68	304	234	228	204	40			
WC69-3D-C40	69	307	237	231	207	40			
WC70-3D-C40	70	310	240	234	210	40			
WC71-3D-C40	71	323	253	218	213	40			
WC72-3D-C40	72	326	256	221	216	40			
WC73-3D-C40	73	329	259	224	219	40			
WC74-3D-C40	74	332	262	227	222	40			
WC75-3D-C40	75	335	265	230	225	40			
WC76-3D-C40	76	338	268	233	228	40			
WC77-3D-C40	77	341	271	236	231	40			
WC78-3D-C40	78	344	274	239	234	40			
WC79-3D-C40	79	347	277	242	237	40			
WC80-3D-C40	80	350	280	245	240	40			
WC81-3D-C40	81	353	283	248	243	40			
WC82-3D-C40	82	356	286	251	246	40			
WC83-3D-C40	83	359	289	254	249	40			
WC84-3XD-C40	84	362	292	257	252	40	WCMT080412	M4.0X10	T15
WC85-3XD-C40	85	365	295	260	255	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

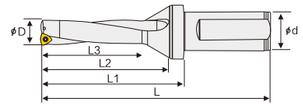
WC**-4D U-DRILL

WC-4D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC14-4D-C25	14	134	78	72.5	56	25			
WC14.5-4D-C25	14.5	135.5	79.5	74	58	25			
WC15-4D-C25	15	138	82	76.5	60	25			
WC15.5-4D-C25	15.5	138	82	76.5	62	25			
WC16-4D-C25	16	143	87	81.5	64	25			
WC16.5-4D-C25	16.5	143	87	81.5	66	25			
WC17-4D-C25	17	147	91	85.5	68	25	WCMX30208	M2.5X5	T8
WC17.5-4D-C25	17.5	147	91	85.5	70	25			
WC18-4D-C25	18	151	95	89.5	72	25			
WC18.5-4D-C25	18.5	151	95	89.5	74	25			
WC19-4D-C25	19	154	98	92.5	76	25			
WC19.5-4D-C25	19.5	154	98	92.5	78	25			
WC20-4D-C25	20	159	103	97.5	80	25			
WC20.5-4D-C25	20.5	159	103	97.5	82	25			
WC21-4D-C25	21	163	107	101.5	84	25			
WC21.5-4D-C25	21.5	163	107	101.5	86	25			
WC22-4D-C25	22	164	108	102.5	88	25	WCMX40208	M2.5X6	T8
WC22.5-4D-C25	22.5	164	108	102.5	90	25			
WC23-4D-C25	23	171	115	109.5	92	25			
WC23.5-4D-C25	23.5	171	115	109.5	94	25			
WC24-4D-C25	24	175	119	113.5	96	25			
WC24.5-4D-C25	24.5	175	119	113.5	98	25			
WC25-4D-C32	25	185	125	119	100	32			
WC25.5-4D-C32	25.5	185	125	119	102	32			
WC26-4D-C32	26	191	131	125	104	32			
WC26.5-4D-C32	26.5	191	131	125	106	32			
WC27-4D-C32	27	195	135	129	108	32	WCMT50308	M3.0X7	T9
WC27.5-4D-C32	27.5	195	135	129	110	32			
WC28-4D-C32	28	197	137	131	112	32			
WC28.5-4D-C32	28.5	197	137	131	114	32			
WC29-4D-C32	29	201	141	135	116	32			
WC29.5-4D-C32	29.5	201	141	135	118	32			
WC30-4D-C32	30	205	145	139	120	32			
WC30.5-4D-C32	30.5	205	145	139	122	32			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



WC**-4D U-DRILL

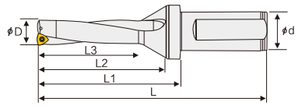
WC-4D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC31-4D-C32	31	207	147	141	124	32			
WC31.5-4D-C32	31.5	207	147	141	126	32			
WC32-4D-C32	32	211	151	145	128	32			
WC32.5-4D-C32	32.5	211	151	145	130	32			
WC 33-4D-C32	33	215	155	149	132	32			
WC 33.5-4D-C32	33.5	215	155	149	134	32			
WC 34-4D-C32	34	219	159	153	136	32			
WC 34.5-4D-C32	34.5	219	159	153	138	32			
WC 35-4D-C32	35	223	163	157	140	32			
WC 35.5-4D-C32	35.5	223	163	157	142	32	WCMT06T308	M3.5X8	T15
WC 36-4D-C32	36	227	167	161	144	32			
WC 36.5-4D-C32	36.5	227	167	161	146	32			
WC 37-4D-C32	37	233	173	167	148	32			
WC 37.5-4D-C32	37.5	233	173	167	150	32			
WC 38-4D-C32	38	237	177	171	152	32			
WC 38.5-4D-C32	38.5	237	177	171	154	32			
WC 39-4D-C32	39	239	179	173	156	32			
WC 39.5-4D-C32	39.5	239	179	173	158	32			
WC 40-4D-C32	40	243	183	177	160	32			
WC41-4D-C32	41	247	187	181	164	32			
WC 42-4D-C40	42	266	196	190	168	40			
WC 43-4D-C40	43	270	200	194	172	40			
WC 44-4D-C40	44	274	204	198	176	40			
WC 45-4D-C40	45	278	208	202	180	40			
WC 46-4D-C40	46	282	212	206	184	40			
WC 47-4D-C40	47	286	216	210	188	40			
WC 48-4D-C40	48	290	220	214	192	40			
WC 49-4D-C40	49	294	224	218	196	40			
WC 50-4D-C40	50	298	228	222	200	40			
WC51-4D-C40	51	302	232	226	204	40	WCMT080412	M4.0X10	T15
WC 52-4D-C40	52	306	236	230	208	40			
WC 53-4D-C40	53	310	240	234	212	40			
WC 54-4D-C40	54	314	244	238	216	40			
WC 55-4D-C40	55	318	248	242	220	40			
WC 56-4D-C40	56	322	252	246	224	40			
WC 57-4D-C40	57	326	256	250	228	40			
WC 58-4D-C40	58	330	260	254	232	40			
WC 59-4D-C40	59	334	264	258	236	40			
WC60-4D-C40	60	340	270	264	240	40			
WC61-4D-C40	61	344	274	268	244	40			
WC 62-4D-C40	62	348	278	272	248	40			
WC 63-4D-C40	63	352	282	276	252	40			
WC 64-4D-C40	64	356	286	280	256	40			
WC 65-4D-C40	65	360	290	284	260	40			
WC 66-4D-C40	66	364	294	288	264	40			
WC 67-4D-C40	67	368	298	292	268	40			
WC 68-4D-C40	68	372	302	296	272	40	WCMT06T308	M3.5X8	T15
WC 69-4D-C40	69	376	306	300	276	40			
WC 70-4D-C40	70	380	310	304	280	40			
WC71-4D-C40	71	394	324	289	284	40			
WC 72-4D-C40	72	398	328	293	288	40			
WC 73-4D-C40	73	402	332	297	292	40			
WC 74-4D-C40	74	406	336	301	296	40			
WC 75-4D-C40	75	410	340	305	300	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

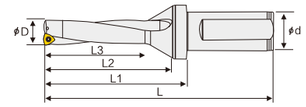
WC**-5D U-DRILL

WC-5D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC 15-5D-C25	15	153	97	91.5	75	25	WCMX30208	M2.5X6	T8
WC 16-5D-C25	16	159	103	97.5	80	25			
WC 17-5D-C25	17	164	108	102.5	85	25			
WC 18-5D-C25	18	169	113	107.5	90	25			
WC 19-5D-C25	19	173	117	111.5	95	25			
WC 20-5D-C32	20	179	123	117.5	100	32	WCMX40208	M2.5X6	T8
WC21-5D-C32	21	184	128	122.5	105	32			
WC 22-5D-C32	22	186	130	124.5	110	32			
WC 23-5D-C32	23	194	138	132.5	115	32			
WC 24-5D-C32	24	199	143	137.5	120	32	WCMT50308	M3.0X7	T10
WC 25-5D-C32	25	210	150	144	125	32			
WC 26-5D-C32	26	217	157	151	130	32			
WC 27-5D-C32	27	222	162	156	135	32			
WC 28-5D-C32	28	225	165	159	140	32			
WC 29-5D-C32	29	230	170	164	145	32			
WC 30-5D-C32	30	235	175	169	150	32			
WC 31-5D-C32	31	238	178	172	155	32	WCMT06T308	M3.5X8	T15
WC 32-5D-C40	32	243	183	177	160	40			
WC 33-5D-C40	33	248	188	182	165	40			
WC 34-5D-C40	34	253	193	187	170	40			
WC 35-5D-C40	35	258	198	192	175	40			
WC 36-5D-C40	36	263	203	197	180	40			
WC 37-5D-C40	37	270	210	204	185	40			
WC 38-5D-C40	38	275	215	209	190	40			
WC 39-5D-C40	39	278	218	212	195	40			
WC 40-5D-C40	40	283	223	217	200	40			
WC41-5D-C40	41	288	228	222	205	40			
WC 42-5D-C40	42	308	238	232	210	40	WCMT80412	M4.0X10	T15
WC 43-5D-C40	43	313	243	237	215	40			
WC 44-5D-C40	44	318	248	242	220	40			
WC 45-5D-C40	45	323	253	247	225	40			
WC 46-5D-C40	46	328	258	252	230	40			
WC 47-5D-C40	47	333	263	257	235	40			
WC 48-5D-C40	48	338	268	262	240	40			
WC 49-5D-C40	49	343	273	267	245	40			
WC 50-5D-C40	50	348	278	272	250	40			
WC51-5D-C40	51	353	283	277	255	40			
WC 52-5D-C40	52	358	288	282	260	40			
WC 53-5D-C40	53	363	293	287	265	40			
WC 54-5D-C40	54	368	298	292	270	40			
WC 55-5D-C40	55	373	303	297	275	40			
WC 56-5D-C40	56	378	308	302	280	40			
WC 57-5D-C40	57	383	313	307	285	40			
WC 58-5D-C40	58	388	318	312	290	40			
WC 59-5D-C40	59	393	323	317	295	40			
WC 60-5D-C40	60	400	330	324	300	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



WC**-6D U-DRILL

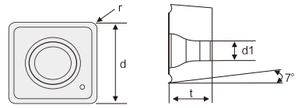
WC-6D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
WC 22-6D-C32	22	208	152	146.5	132	32	WCMX040208	M2.5x6	T8
WC 23-6D-C32	23	217	161	155.5	138	32			
WC 24-6D-C32	24	223	167	161.5	144	32	WCMT050308	M3.0x7	T10
WC 25-6D-C32	25	235	175	169	150	32			
WC 26-6D-C32	26	243	183	177	156	32			
WC 27-6D-C32	27	249	189	183	162	32			
WC 28-6D-C32	28	253	193	187	168	32			
WC 29-6D-C32	29	259	199	193	174	32			
WC 30-6D-C32	30	265	205	199	180	32			
WC 31-6D-C32	31	269	209	203	186	32			
WC 32-6D-C32	32	275	215	209	192	32			
WC 33-6D-C40	33	281	221	215	198	40	WCMT06T308	M3.5x8	T15
WC 34-6D-C40	34	287	227	221	204	40			
WC 35-6D-C40	35	293	233	227	210	40			
WC 36-6D-C40	36	299	239	233	216	40			
WC 37-6D-C40	37	307	247	241	222	40			
WC 38-6D-C40	38	313	253	247	228	40			
WC 39-6D-C40	39	317	257	251	234	40			
WC 40-6D-C40	40	323	263	257	240	40			
WC41-6D-C40	41	329	269	263	246	40			
WC 42-6D-C40	42	350	280	274	252	40	WCMT80412	M4.0x10	T15
WC 43-6D-C40	43	356	286	280	258	40			
WC 44-6D-C40	44	362	292	286	264	40			
WC 45-6D-C40	45	368	298	292	270	40			
WC 46-6D-C40	46	374	304	298	276	40			
WC 47-6D-C40	47	380	310	304	282	40			
WC 48-6D-C40	48	386	316	310	288	40			
WC 49-6D-C40	49	392	322	316	294	40			
WC 50-6D-C40	50	398	328	322	300	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

SP** DRILL INSERT

SP 快速鑽刀片

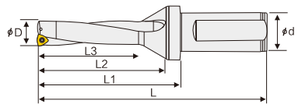


型號 Specification	外形尺寸(mm)Size d	t	r	di	螺絲 Screw	扳手 Wrench
SPMG040204	4.70	2.40	0.4	2.25	M2.2x4	T6
SPMG050204	5.00	2.38	0.4	2.25	M2.2x5	T7
SPMG060204	6.00	2.38	0.4	2.61	M2.2x5	T7
SPMG07T308	7.94	3.97	0.8	2.85	M2.5x8	T8
SPMG090408	9.80	4.30	0.8	4.05	M3.5x8	T15
SPMG110408	11.50	4.80	0.8	4.45	M4.0x10	T15
SPMG140512	14.30	5.20	1.2	5.75	M5.0x11	T20

適用刀片 SUITABLE INSERT: 速肯 SUKEN

MINI DIRLL FOR SP**

SP 小鑽頭

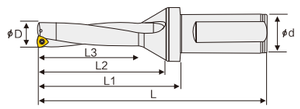


型號 Specification	有效長(mm) D	2D	3D	4D	5D	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP9.5-C16-SP04	9.5	19	28.5	38	47.5	16	SPMG040204	M2.2x5	T7
SP10.0-C16-SP04	10.0	20	30	40	50	16			
SP10.5-C16-SP04	10.5	21	31.5	42	52.5	16			
SP11.0-C16-SP04	11.0	22	33	44	55	16			
SP11.5-C16-SP04	11.5	23	34.5	46	57.5	16			
SP12.0-C16-SP04	12.0	24	36	48	60	16			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

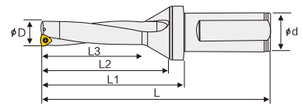
SP**-2D U-DRILL

SP-2D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP12.5-2D-C20	12.5	93.5	43.5	38	25	20	SPMG050204	M2.2x5	T7
SP13-2D-C20	13	96	46	40.5	26	20			
SP13.5-2D-C20	13.5	96	46	40.5	27	20			
SP14-2D-C25	14	106	50	45	28	25			
SP14.5-2D-C25	14.5	106	50	45	29	25			
SP15-2D-C25	15	108	52	47	30	25			
SP15.5-2D-C25	15.5	108	52	47	31	25			
SP16-2D-C25	16	111	55	49.5	32	25	SPMG060204	M2.2x5.5	T7
SP16.5-2D-C25	16.5	111	55	49.5	33	25			
SP17-2D-C25	17	113	57	52	34	25			
SP17.5-2D-C25	17.5	113	57	52	35	25			
SP18-2D-C25	18	115	59	53.5	36	25			
SP18.5-2D-C25	18.5	115	59	53.5	37	25			
SP19-2D-C25	19	116	60	55	38	25			
SP19.5-2D-C25	19.5	116	60	55	39	25			
SP20-2D-C25	20	119	63	58	40	25			
SP20.5-2D-C25	20.5	119	63	58	41	25			
SP21-2D-C25	21	121	65	60	42	25			
SP21.5-2D-C25	21.5	121	65	60	43	25			

INDEXABLE CUTTING TOOLS
SUKEN®



SP**-2D U-DRILL

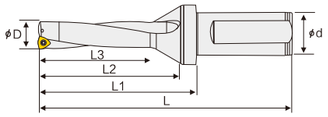
SP-2D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP22-2D-C25	22	120	64	59	44	25	SPMG07T308	M2.5x8	T8
SP22.5-2D-C25	22.5	120	64	59	45	25			
SP23-2D-C25	23	125	69	63.5	46	25			
SP23.5-2D-C25	24	125	69	93.5	47	25			
SP24-2D-C25	24	127	71	66	48	25			
SP24.5-2D-C25	24.5	127	71	66	49	25			
SP25-2D-C32	25	135	75	69	50	32			
SP25.5-2D-C32	25.5	135	75	69	51	32			
SP26-2D-C32	26.0	139	79	73	52	32			
SP26.5-2D-C32	26.5	139	79	73	53	32			
SP27-2D-C32	27	141	81	75	54	32			
SP27.5-2D-C32	27.5	141	81	75	55	32			
SP28-2D-C32	28	141	81	75	56	32	SPMG090408	M3.5x9	T15
SP28.5-2D-C32	28.5	141	81	75	57	32			
SP29-2D-C32	29	143	83	77	58	32			
SP29.5-2D-C32	29.5	143	83	77	59	32			
SP30-2D-C32	30	145	85	79	60	32			
SP30.5-2D-C32	30.5	145	85	79	61	32			
SP31-2D-C32	31	145	85	79	62	32			
SP31.5-2D-C32	31.5	145	85	79	63	32			
SP32-2D-C32	32	147	87	81	64	32			
SP32.5-2D-C32	32.5	147	87	81	65	32			
SP33-2D-C32	33	149	89	83	66	32			
SP34-2D-C32	34	151	91	85	68	32	SPMG110408	M4.0x10	T15
SP35-2D-C32	35	153	93	87	70	32			
SP36-2D-C32	36	155	95	89	72	32			
SP37-2D-C32	37	159	99	93	74	32			
SP38-2D-C32	38	161	101	95	76	32			
SP39-2D-C32	39	161	101	95	78	32			
SP40-2D-C32	40	163	103	97	80	32			
SP41-2D-C32	41	165	105	99	82	32			
SP42-2D-C40	42	182	112	106	84	40	SPMG140512	M5.0x11	T20
SP43-2D-C40	43	184	114	108	86	40			
SP44-2D-C40	44	186	116	110	88	40			
SP45-2D-C40	45	188	118	112	90	40			
SP46-2D-C40	46	190	120	114	92	40			
SP47-2D-C40	47	192	122	116	94	40			
SP48-2D-C40	48	194	124	118	96	40			
SP49-2D-C40	49	196	126	120	98	40			
SP50-2D-C40	50	198	128	122	100	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

SP**-3D U-DRILL

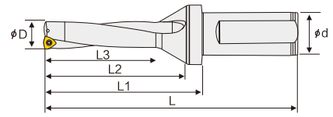
SP-3D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP12.5-3D-C20	12.5	106	56	50.5	37.5	20	SPMG050204	M2.2x5	T7
SP13-3D-C20	13	109	59	53.5	39	20			
SP13.5-3D-C20	13.5	109	59	53.5	40.5	20			
SP14-3D-C25	14	120	64	59	42	25			
SP14.5-3D-C25	14.5	120	64	59	43.5	25			
SP15-3D-C25	15	123	67	61.5	45	25			
SP15.5-3D-C25	15.5	123	67	61.5	46.5	25			
SP16-3D-C25	16	127	71	66	48	25	SPMG060204	M2.2x5.5	T7
SP16.5-3D-C25	16.5	127	71	66	49.5	25			
SP17-3D-C25	17	130	74	68.5	51	25			
SP17.5-3D-C25	17.5	130	74	68.5	52.5	25			
SP18-3D-C25	18	133	77	72	54	25			
SP18.5-3D-C25	18.5	133	77	72	55.5	25			
SP19-3D-C25	19	135	79	73.5	57	25			
SP19.5-3D-C25	19.5	135	79	73.5	58.5	25			
SP20-3D-C25	20	139	83	77.5	60	25			
SP20.5-3D-C25	20.5	139	83	77.5	61.5	25			
SP21-3D-C25	21	142	86	80.5	63	25			
SP21.5-3D-C25	21.5	142	86	80.5	64.5	25			
SP22-3D-C25	22	142	86	80.5	66	25	SPMG07T308	M2.5X8	T8
SP22.5-3D-C25	22.5	142	86	80.5	67.5	25			
SP23-3D-C25	23	148	92	86.5	69	25			
SP23.5-3D-C25	23.5	148	92	86.5	70.5	25			
SP24-3D-C25	24	151	95	89.5	72	25			
SP24.5-3D-C25	24.5	151	95	89.5	73.5	25			
SP25-3D-C32	25	160	100	94	75	32			
SP25.5-3D-C32	25.5	160	100	94	76.5	32			
SP26-3D-C32	26	165	105	99	78	32			
SP26.5-3D-C32	26.5	165	105	99	79.5	32			
SP27-3D-C32	27	168	108	102	81	32			
SP27.5-3D-C32	27.5	168	108	102	82.5	32			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

INDEXABLE CUTTING TOOLS
SUKEN®



SP**-3D U-DRILL

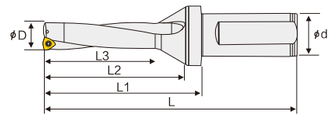
SP-3D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP28-3D-C32	28	169	109	103	84	32	SPMG090408	M3.5X9	T15
SP28.5-3D-C32	28.5	169	109	103	85.5	32			
SP29-3D-C32	29	172	112	106	87	32			
SP29.5-3D-C32	29.5	172	112	106	88.5	32			
SP30-3D-C32	30	175	115	109	91.5	32			
SP30.5-3D-C32	30.5	175	115	109	91.5	32			
SP31-3D-C32	31	176	116	110	93	32			
SP31.5-3D-C32	31.5	176	116	110	94.5	32			
SP32-3D-C32	32	179	119	113	96	32			
SP32.5-3D-C32	32.5	179	119	113	97.5	32			
SP33-3D-C32	33	182	122	116	99	32			
SP33.5-3D-C32	33.5	182	122	116	100.5	32			
SP34-3D-C32	34	185	125	119	102	32	SPMG110408	M4.0X10	T15
SP35-3D-C32	35	188	128	122	105	32			
SP36-3D-C32	36	191	131	125	108	32			
SP37-3D-C32	37	196	136	130	111	32			
SP38-3D-C32	38	199	139	133	114	32			
SP39-3D-C32	39	200	140	134	117	32			
SP40-3D-C32	40	203	143	137	120	32			
SP41-3D-C32	41	206	146	140	123	32			
SP42-3D-C40	42	224	154	148	126	40	SPMG140512	M5.0x11	T20
SP43-3D-C40	43	227	157	151	129	40			
SP44-3D-C40	44	230	160	154	132	40			
SP45-3D-C40	45	233	163	157	135	40			
SP46-3D-C40	46	236	166	160	138	40			
SP47-3D-C40	47	239	169	163	141	40			
SP48-3D-C40	48	242	172	166	144	40			
SP49-3D-C40	49	245	175	169	147	40			
SP50-3D-C40	50	248	178	172	150	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

SP**-4D U-DRILL

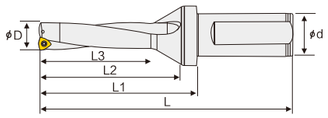
SP-4D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP12.5-4D-C25	12.5	118.5	68.5	63	50	25	SPMG050204	M2.2x5	T7
SP13.0-4D-C25	13.0	122	72	67	52	25			
SP13.5-4D-C25	13.5	122	72	67	54	25			
SP14.0-4D-C25	14.0	134	78	72.5	56	25			
SP14.5-4D-C25	14.5	135.5	79.5	74	58	25			
SP15.0-4D-C25	15.0	138	82	76.5	60	25			
SP15.5-4D-C25	15.5	138	82	76.5	62	25			
SP16.0-4D-C25	16.0	143	87	81.5	64	25	SPMG060204	M2.2x5.5	T7
SP16.5-4D-C25	16.5	143	87	81.5	66	25			
SP17.0-4D-C25	17.0	147	91	85.5	68	25			
SP17.5-4D-C25	17.5	147	91	85.5	70	25			
SP18.0-4D-C25	18.0	151	95	89.5	72	25			
SP18.5-4D-C25	18.5	151	95	89.5	74	25			
SP19.0-4D-C25	19.0	154	98	92.5	76	25			
SP19.5-4D-C25	19.5	154	98	92.5	78	25			
SP20.0-4D-C25	20.0	159	103	97.5	80	25			
SP20.5-4D-C25	20.5	159	103	97.5	82	25			
SP21.0-4D-C32	21.0	163	107	101.5	84	32			
SP21.5-4D-C32	21.5	163	107	101.5	86	32			
SP22.0-4D-C32	22.0	164	108	102.5	88	32	SPMG07T308	M2.5X8	T8
SP22.5-4D-C32	22.5	164	108	102.5	90	32			
SP23.0-4D-C32	23.0	171	115	109.5	92	32			
SP23.5-4D-C32	23.5	171	115	109.5	94	32			
SP24.0-4D-C32	24.0	175	119	113.5	96	32			
SP24.5-4D-C32	24.5	175	119	113.5	98	32			
SP25.0-4D-C32	25.0	185	125	119	100	32			
SP25.5-4D-C32	25.5	185	125	119	102	32			
SP26.0-4D-C32	26.0	191	131	125	104	32			
SP26.5-4D-C32	26.5	191	131	125	106	32			
SP27.0-4D-C32	27.0	195	135	129	108	32			
SP27.5-4D-C32	27.5	195	135	129	110	32			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

INDEXABLE CUTTING TOOLS
SUKEN®



SP**-4D U-DRILL

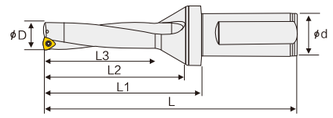
SP-4D 快速鑽

型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP28.0-4D-C32	28.0	197	137	131	112	32	SPMG090408	M3.5X9	T15
SP28.5-4D-C32	28.5	197	137	131	114	32			
SP29.0-4D-C32	29.0	201	141	135	116	32			
SP29.5-4D-C32	29.5	201	141	135	118	32			
SP30.0-4D-C32	30.0	205	145	139	120	32			
SP30.5-4D-C32	30.5	205	145	139	122	32			
SP31.0-4D-C32	31.0	207	147	141	124	32			
SP31.5-4D-C32	31.5	207	147	141	126	32			
SP32.0-4D-C32	32.0	211	151	145	128	32			
SP32.5-4D-C32	32.5	211	151	145	130	32			
SP33.0-4D-C32	33.0	215	155	149	132	32			
SP33.5-4D-C32	33.5	215	155	149	134	32			
SP34.0-4D-C32	34.0	219	159	153	136	32	SPMG110408	M4.0X10	T15
SP35.0-4D-C32	35.0	223	163	157	140	32			
SP36.0-4D-C32	36.0	227	167	161	144	32			
SP37.0-4D-C32	37.0	233	173	167	148	32			
SP38.0-4D-C32	38.0	237	177	171	152	32			
SP39.0-4D-C32	39.0	239	179	173	156	32			
SP40.0-4D-C32	40.0	243	183	177	160	32			
SP41.0-4D-C32	41.0	247	187	181	164	32			
SP42.0-4D-C32	42.0	266	196	190	168	32	SPMG140512	M5.0x11	T20
SP43.0-4D-C40	43.0	270	200	194	172	40			
SP44.0-4D-C40	44.0	274	204	198	176	40			
SP45.0-4D-C40	45.0	278	208	202	180	40			
SP46.0-4D-C40	46.0	282	212	206	184	40			
SP47.0-4D-C40	47.0	286	216	210	188	40			
SP48.0-4D-C40	48.0	290	220	214	192	40			
SP49.0-4D-C40	49.0	294	224	218	196	40			
SP50.0-4D-C40	50.0	298	228	222	200	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN

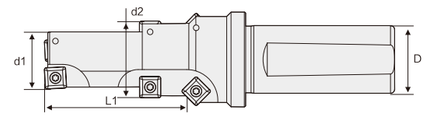
SP**-5D U-DRILL

SP-5D 快速鑽



型號 Specification	外形尺寸(mm)Size D	L	L1	L2	L3	d	刀片型號 Insert	螺絲 Screw	扳手 Wrench
SP15-05D-C25	15	153	97	92	75	25	SPMG050204	M2.2x5	T7
SP15.5-05D-C25	15.5	153	97	92	77.5	25			
SP16-05D-C25	16	159	103	98	80	25			
SP16.5-05D-C25	16.5	159	103	98	82.5	25			
SP17-05D-C25	17	164	108	103	85	25	SPMG60204	M2.2x5.5	T7
SP17.5-05D-C25	17.5	164	108	103	87.5	25			
SP18-05D-C25	18	169	113	108	90	25			
SP18.5-05D-C25	18.5	169	113	108	92.5	25			
SP19-05D-C25	19	173	117	112	95	25			
SP19.5-05D-C25	19.5	173	117	112	97.5	25			
SP20-05D-C25	20	179	126	121	100	25			
SP20.5-05D-C25	20.5	179	126	121	102.5	25			
SP21-05D-C25	21	184	128	123	105	25			
SP21.5-05D-C25	21.5	184	128	123	107.5	25			
SP22-05D-C25	22	186	130	125	110	25	SPMG07T308	M2.2x8	T8
SP22.5-05D-C25	22.5	186	130	125	112.5	25			
SP23-05D-C25	23	171	115	110	115	25			
SP23.5-05D-C25	23.5	171	115	125	117.5	25			
SP24-05D-C25	24	175	119	114	120	25			
SP24.5-05D-C25	24.5	175	119	114	122.5	25			
SP25-05D-C32	25	185	125	119	125	32			
SP25.5-05D-C32	25.5	185	125	119	127.5	32			
SP26-05D-C32	26	191	131	125	130	32			
SP26.5-05D-C32	26.5	191	131	125	132.5	32			
SP27-05D-C32	27	195	135	129	135	32			
SP27.5-05D-C32	27.5	195	135	129	137.5	32			
SP28-05D-C32	28	225	165	159	140	32	SPMG90408	M3.5X9	T15
SP29-05D-C32	29	230	170	164	145	32			
SP30-05D-C32	30	235	175	169	150	32			
SP31-05D-C32	31	238	178	172	155	32			
SP32-05D-C32	32	243	183	177	160	32			
SP33-05D-C32	33	248	188	182	165	32			
SP34-05D-C32	34	253	193	187	170	32	SPMG110408	M4.0X10	T15
SP35-05D-C32	35	258	198	192	175	32			
SP36-05D-C32	36	263	203	197	180	32			
SP37-05D-C32	37	270	210	204	185	32			
SP38-05D-C32	38	275	215	209	190	32			
SP39-05D-C32	39	278	218	212	195	32			
SP40-05D-C32	40	283	223	217	200	32			
SP41-05D-C32	41	288	228	222	205	32			
SP42-05D-C40	42	308	238	232	210	40	SPMG140512	M5.0X11	T20
SP43-05D-C40	43	313	243	237	215	40			
SP44-05D-C40	44	318	248	242	220	40			
SP45-05D-C40	45	323	253	247	225	40			
SP46-05D-C40	46	328	258	252	230	40			
SP47-05D-C40	47	333	263	257	235	40			
SP48-05D-C40	48	338	268	262	240	40			
SP49-05D-C40	49	343	273	267	245	40			
SP50-05D-C40	50	348	278	272	250	40			

適用刀片 SUITABLE INSERT: 速肯 SUKEN



FORMING STEP DRILL

成型臺階鑽

型號 Specification	過孔直徑 d1	有效深度 L1	沉頭孔直徑 d2	柄徑 D	螺紋孔 M	刀片型號 Insert	螺絲 Screw	扳手 Wrench
ø79-D14-35L-C20-M8	9	35	14	20	M8	SPMG03	M1.8	T6
ø11-D17.5-35L-C20-M10	11	35	18	20	M10	SPMG04	M2.2	T6
ø14-D20-35L-C25-M12	14	35	20	25	M12	SPMG05	M2.2	T6
ø16-D23-35L-C25-M14	16	35	23	25	M14	SPMG06	M2.2	T7
ø18-D26-35L-C25-M16	18	35	26	25	M16	SPMG06	M2.2	T7
ø22-D32-65L-C25-M20	22	65	32	25	M20	SPMG07	M2.5	T8
ø26-D38-70L-C32-M22	26	70	38	32	M22	SPMG07	M2.5	T8

適用刀片 SUITABLE INSERT: 速肯 SUKEN

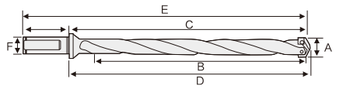
產品特性/Feature

1、一次成型，鑽孔，沉頭，倒角，廣泛應用于模具，自動化零件。

1. Drilling, countersinking, chamfering are finished in one time processing with one tool.
   Widely used in molds, automation parts.

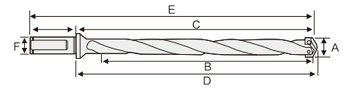
SPADE DRILL

鏟鑽



系列號最小~最大 (mm/inch)	直徑 英制(inch)	公制(mm)	十進制(inch)	厚度mm (inch)
Y 9.50(.374") to 11.07(.436")	/	9.50	.3740"	2.4 (3/32")
	3/8"	9.53	.3750"	
	/	9.80	.3860"	
	25/64"	9.92	.3906"	
	/	10.00	.3937"	
	/	10.20	.4016"	
	13/32"	10.32	.4063"	
	/	10.50	.4134"	
	27/64"	10.72	.4219"	
	/	10.80	.4252"	
	/	11.00	.4331"	
Z 11.11(.437") to 12.95(.510")	7/16"	11.11	.4375"	2.4 (3/32")
	/	11.50	.4528"	
	29/64"	11.51	.4531"	
	15/32"	11.91	.4688"	
	/	12.00	.4724"	
	31/64"	12.30	.4844"	
	/	12.50	.4921"	
	1/2"	12.70	.5000"	
O 12.98(.511") to 17.65(.695")	/	13.00	.5118"	3.2 (1/8")
	33/64"	13.10	.5156"	
	17/32"	13.49	.5313"	
	/	13.50	.5315"	
	35/64"	13.89	.5469"	
	/	14.00	.5512"	
	9/16"	14.29	.5625"	
	/	14.50	.5709"	
	37/64"	14.68	.5781"	
	/	15.00	.5906"	
	19/32"	15.08	.5938"	
	39/64"	15.48	.6094"	
	/	15.50	.6102"	
	5/8"	15.88	.6250"	
	/	16.00	.6299"	
	41/64"	16.27	.6406"	
	/	16.50	.6496"	
	21/32"	16.67	.6563"	
	/	17.00	.6693"	
	43/64"	17.07	.6719"	
	11/16"	17.46	.6875"	
	/	17.50	.6890"	

適用刀片 SUITABLE INSERT: 鏟鑽刀片-高速鋼TiN涂層 HSS INSERT TIN COATING



SPADE DRILL

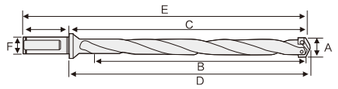
鏟鑽

系列號最小~最大 (mm/inch)	直徑 英制(inch)	公制(mm)	十進制(inch)	厚度mm (inch)
1 17.53(.690") to 24.38(.960")	45/64'	17.86	.7031"	4.0 (5/32")
	/	18.00	.7087"	
	23/32'	18.26	.7188"	
	/	18.50	.7283"	
	47/64"	18.65	.7344"	
	/	19.00	.7480"	
	3/4"	19.05	.7500"	
	49/64"	19.45	.7656"	
	/	19.50		
	25/32"	19.84	.7677"	
	/	20.00	.7813"	
	51/64"	20.24	.7874"	
	/	20.50	.7969"	
	13/16"	20.64	.8071"	
	/	21.00	.8125"	
	27/32'	21.43	.8268"	
	55/64"	21.83	.8438"	
	/	22.00	.8594"	
	7/8"	22.23	.8661"	
	57/64"	22.62	.8750"	
	/	23.00	.8906"	
	29/32"	23.02	.9055"	
	59/64"	23.42	.9063"	
	15/16"	23.81	.9219"	
	/	24.00	.9375"	
2 24.41(.961") to 35.05(1.380")	31/32"	24.61	.9449"	4.8 (3/16")
	63/64"	25.00	.9688"	
	1"	25.40	.9843"	
	1-1/64"	25.80	1.0000"	
	/	26.00	1.0156"	
	1-1/32"	26.19	1.0236"	
	1-3/64"	26.59	1.0313"	
	1-1/16"	26.99	1.0469"	
	/	27.00	1.0625"	
	1-3/32"	27.78	1.0630"	
	/	28.00	1.0938"	
	1-7/64"	28.18	1.1024"	
	1-1/8"	28.58	1.1094"	
	/	29.00	1.1250"	
	1-5/32"	29.37	1.1417"	
	/	30.00	1.1563"	
	1-3/16"	30.16	1.1811"	
	1-7/32"	30.96	1.1875"	
	/	31.00	1.2188"	
	/		1.2205"	
	1-1/4"	31.75	1.2500"	
	/	32.00	1.2598"	
	1-9/32"	32.54	1.2813"	
	/	33.00	1.2992"	
	1-5/16"	33.34	1.3125"	
	/	34.00	1.3386"	
	1-11/32"	34.13	1.3438"	
	1-3/8"	34.93	1.3750"	
	/	35.00	1.3780"	

適用刀片 SUITABLE INSERT: 鏟鑽刀片-合金TiN涂層 CARBIDE INSERT TIN COATING

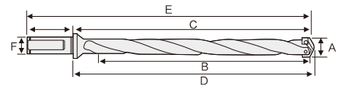
SPADE DRILL

鏟鑽



系列號最小~最大 (mm/inch)	直徑 英制(inch)	公制(mm)	十進制(inch)	厚度mm (inch)
3 34.37(1.353") to 47.8(1.882")	1-13/32"	35.72	1.4063"	6.4 (1/4")
	/	36.00	1.4173"	
	1-7/16"	36.51	1.4375"	
	/	37.00	1.4567"	
	1-15/32"	37.31	1.4688"	
	/	38.00	1.4961"	
	1-1/2"	38.10	1.5000"	
	1-17/32"	38.89	1.5313"	
	/	39.00	1.5354"	
	1-9/16"	39.69	1.5625"	
	/	40.00	1.5748"	
	1-19/32"	40.48	1.5938"	
	/	41.00	1.6142"	
	1-5/8"	41.28	1.6250"	
	/	42.00	1.6535"	
	1-21/32"	42.07	1.6563"	
	1-11/16"	42.86	1.6875"	
	/	43.00	1.6929"	
	1-23/32"	43.66	1.7188"	
	/	44.00	1.7323"	
	1-3/4"	44.45	1.7500"	
	/	45.00	1.7717"	
	1-25/32"	45.24	1.7813"	
	/	46.00	1.8110"	
	1-13/16"	46.04	1.8125"	
	1-27/32"	46.83	1.8438"	
	/	47.00	1.8504"	
	1-7/8"	47.63	1.8750"	

適用刀片 SUITABLE INSERT: 鏟鑽刀片-高速鋼TiN涂層 HSS INSERT TIN COATING



SPADE DRILL

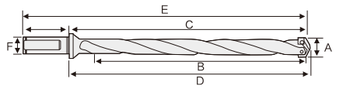
鏟鑽

系列號最小~最大 (mm/inch)	直徑 英制(inch)	公制(mm)	十進制(inch)	厚度mm (inch)
4 46.99(1.850") to 65.28(2.5707")	1-29/32"	48.00	1.8898"	7.9 (5/16")
	/	48.42	1.9063"	
	/	49.00	1.9291"	
	1-15/16"	49.21	1.9375"	
	/	50.00	1.9665"	
	1-31/32"	50.01	1.9688"	
	2"	50.80	2.0000"	
	/	51.00	2.0079"	
	2-1/32"	51.59	2.0313"	
	2-3/64"	52.00	2.0472"	
	2-1/16"	52.39	2.0625"	
	/	53.00	2.0866"	
	2-3/32"	53.18	2.0938"	
	2-1/8"	53.98	2.125"	
	/	54.00	2.126"	
	2-5/32"	54.79	2.1563"	
	/	55.00	2.1654"	
	2-3/16"	55.56	2.1875"	
	/	56.00	2.2047"	
	2-7/32"	56.36	2.2188"	
	/	57.00	2.2441"	
	2-1/4"	57.15	2.2500"	
	2-9/32"	57.94	2.2813"	
	/	58.00	2.2835"	
	2-5/16"	58.74	2.3125"	
	/	59.00	2.3228"	
	2-11/32"	59.53	2.3438"	
	/	60.00	2.3622"	
	2-3/8"	60.33	2.375"	
	/	61.00	2.4016"	
	2-13/32"	61.12	2.4063"	
	2-7/16"	61.91	2.4375"	
	/	62.00	2.4409"	
	2-15/32"	62.71	2.4688"	
	/	63.00	2.4803"	
	2-1/2"	63.50	2.5000"	
	/	64.00	2.5197"	
	2-17/23"	64.29	2.5313"	
	/	65.00	2.5591"	
	2-9/16"	65.09	2.5625"	

適用刀片 SUITABLE INSERT: 鏟鑽刀片-合金TiN涂層 CARBIDE INSERT TIN COATING

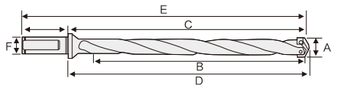
SPADE DRILL

鏟鑽



系列號最小~最大 (mm/inch)	直徑 英制(inch)	直徑 公制(mm)	直徑 十進制(inch)	厚度mm (inch)
5 62.38(2.456") to 76.20(3.000")	2-1/2"	63.50	2.5000"	11.1 (7/16")
	/	61.00	2.5197"	
	2-17/32"	64.29	2.5313"	
	2-9/16"	65.09	2.5625"	
	2-19/32"	65.88	2.5938"	
	/	66.00	2.5984"	
	2-5/8"	66.68	2.6250"	
	2-21/32"	67.47	2.6563"	
	/	68.00	2.6772"	
	2-11/16"	68.26	2.6875"	
	2-23/32"	69.05	2.7188"	
	2-3/4"	69.85	2.7500"	
	/	70.00	2.7559"	
	2-25/32"	70.64	2.7813"	
	2-13/16"	71.44	2.8125"	
	/	72.00	2.8436"	
	2-27/32"	72.23	2.8438"	
	2-7/8"	73.03	2.8750"	
	2-29/32"	73.82	2.9063"	
	/	74.00	2.9134"	
	2-15/16"	74.61	2.9375"	
	2-31/32"	75.41	2.9688"	
	/	76.00	2.9921"	
	3"	76.62	3.0000"	
6 76.23(3.001") to 89.08(3.507")	3-1/32"	76.99	3.0313"	11.1 (7/16")
	3-1/16"	77.79	3.0625"	
	/	78.00	3.0709"	
	3-3/32"	78.58	3.0938"	
	3-1/8"	79.38	3.1250"	
	/	80.00	3.1496"	
	3-5/32"	80.17	3.1563"	
	3-3/16"	80.96	3.1875"	
	3-7/32"	81.76	3.2188"	
	/	82.00	3.2283"	
	3-1/4"	82.55	3.2500"	
	3-9/32"	83.34	3.2813"	
	/	84.00	3.3071"	
	3-5/16"	84.14	3.3125"	
	3-11/32"	84.93	3.3438"	
	3-3/8"	85.73	3.3750"	
	/	86.00	3.3858"	
	3-13/32"	86.52	3.4063"	
	3-7/16"	87.31	3.4375"	
	/	88.00	3.4646"	
	3-15/32"	88.11	3.4688"	
	3-1/2"	88.90	3.5000"	

適用刀片 SUITABLE INSERT: 鏟鑽刀片-高速鋼TiN涂層 HSS INSERT TIN COATING



SPADE DRILL

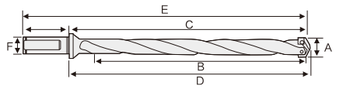
鏟鑽

系列號最小~最大 (mm/inch)	直徑 英制(inch)	直徑 公制(mm)	直徑 十進制(inch)	厚度mm (inch)
7 87.76(3.455") to 101.6(4.000")	3-17/32"	89.69	3.5313"	11.1 (7/16")
	/	90.00	3.5433"	
	3-9/16"	90.49	3.5625"	
	3-19/32"	91.28	3.5938"	
	/	92.00	3.6221"	
	3-5/8"	92.08	3.6250"	
	3-21/32"	92.87	6.6563"	
	3-11/16"	93.66	3.6875"	
	/	94.00	3.7008"	
	3-23/32"	94.46	3.7188"	
	3-3/4"	95.25	3.7500"	
	/	96.00	3.7795"	
	3-25/32"	96.04	3.7813"	
	3-13/16"	96.84	3.8125"	
	3-27/32"	97.63	3.8438"	
	/	98.00	3.8583"	
	3-7/8"	98.43	3.8750"	
	3-29/32"	99.22	3.9063"	
		100.00	3.9370"	
	3-15/16"	100.01	3.9375"	
	3-31/32"	100.81	3.9688"	
	4"	101.60	4.0000"	
8 101.63(4.001") to 114.48(4.507")	4-1/64"	102.00	4.0157"	11.1 (7/16")
	4-1/16"	103.19	4.0625"	
	4-3/32"	104.00	4.0945"	
	4-1/8"	104.78	4.1250"	
	/	106.00	4.1732"	
	4-3/16"	106.36	4.1875"	
	4-1/4"	107.95	4.2500"	
	/	108.00	4.2520"	
	4-5/16"	109.54	4.3125"	
	/	110.00	4.3307"	
	4-3/8"	111.13	4.3750"	
	/	112.00	4.4094"	
	4-7/16"	112.71	4.4375"	
	/	114.00	4.4882"	
	4-1/2"	114.30	4.5000"	

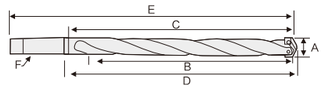
適用刀片 SUITABLE INSERT: 鏟鑽刀片-合金TiN涂層 CARBIDE INSERT TIN COATING

WELDON TYPE HELICAL SPADE DRILL

側固柄螺旋槽鏟鑽



刀片系列 Insert Series	型號 Specification	A刀片範圍 Insert range	B最大鑽深 Max.drilling length	F柄徑 shank size	螺絲 Screw	扳手 Wrench
Z	CR11.5-12.5-C20-50L CR11.5-12.5-C20-100L	11.5-12.5	50L / 100L	20	M2.2	T7
0	CR13-17.5-C20-70L CR13-17.5-C20-100L CR13-17.5-C20-150L	13-17.5	70L / 100L / 150L	20	M2.5	T8
	CR15.5-17.5-C20-70L CR15.5-17.5-C20-100L CR15.5-17.5-C20-150L CR15.5-17.5-C20-200L	15.5-17.5	70L / 100L / 150L / 200L			
1	CR18-24-C25-150L CR18-24-C25-200L CR18-24-C25-250L CR18-24-C25-300L	18-24	150L / 200L / 250L / 300L	25	M3.0	T9
	CR22-24-C25-150L CR22-24-C25-200L CR22-24-C25-250L CR22-24-C25-300L	22-24	150L / 200L / 250L / 300L			
2	CR25-35-C32-150L CR25-35-C32-200L CR25-35-C32-250L CR25-35-C32-300L	25-35	150L / 200L / 250L / 300L	32	M3.5	T15
	CR30-35-C32-200L CR30-35-C32-250L CR30-35-C32-300L CR30-35-C32-350L	30-35	200L / 250L / 300L / 350L			
3	CR36-47-C40-250L CR36-47-C40-300L CR36-47-C40-350L CR36-47-C40-400L	36-47	250L / 300L / 350L / 400L	40	M5.0	T20
4	CR48-65-C32-250L CR48-65-C32-300L CR48-65-C32-350L CR48-65-C32-400L CR48-65-C32-450L	48-65	250L / 300L / 350L / 400L	32	M5.0	T20



MORSE TAPER HELICAL SPADE DRILL

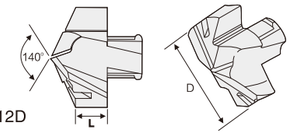
莫氏柄螺旋槽鏟鑽

刀片系列 Insert Series	型號 Specification	A刀片範圍 Insert range	B最大鑽深 Max.drilling length	F柄徑 shank size	螺絲 Screw	扳手 Wrench	注水油環 Water injection ring
Z	CR11.5-12.5-MTA3-50L CR11.5-12.5-MTA3-100L	11.5-12.5	50L / 100L	MTA3	M2.2	T7	RCA2
0	CR13-17.5-MTA3-70L CR13-17.5-MTA3-100L CR13-17.5-MTA3-150L	13-17.5	70L / 100L / 150L	MTA3	M2.5	T8	RCA2
	CR15.5-17.5-MTA3-70L CR15.5-17.5-MTA3-100L CR15.5-17.5-MTA3-150L CR15.5-17.5-MTA3-200L	15.5-17.5	70L / 100L / 150L / 200L				
1	CR18-24-MTA4-150L CR18-24-MTA4-200L CR18-24-MTA4-250L CR18-24-MTA4-300L	18-24	150L / 200L / 250L / 300L	MTA4	M3.0	T9	RCA2
	CR22~24-MTA4-150L CR22~24-MTA4-200L CR22-24-MTA4-250L CR22~24-MTA4-300L	22-24	150L / 200L / 250L / 300L	MTA4	M3.0	T9	RCA3
2	CR25-35-MTA4-150L CR25-35-MTA4-200L CR25-35-MTA4-250L CR25-35-MTA4-300L	25-35	150L / 200L / 250L / 300L	MTA4	M3.5	T15	RCA4
	CR30-35-MTA4-200L CR30-35-MTA4-250L CR30-35-MTA4-300L CR30-35-MTA4-350L	30-35	200L /250L /300L /350L				
3	CR36-47-MTA4-250L CR36-47-MTA4-300L CR36~47-MTA4-350L CR36-47-MTA4-400L	36-47	250L /300L /350L /400L	MTA4	M5.0	T20	RCA4
4	CR48-65-MTA5-250L CR48-65-MTA5-300L CR48-65-MTA5-350L CR48-65-MTA5-400L CR48-65-MTA5-450L	48-65	250L /300L /350L / 400L /450L	MTA5	M5.0	T20	RCA5
5	CR64-88-MTA5-300L CR64~88-MTA5-350L CR64~88-MTA5-400L CR64-88-MTA5-450L	64-88	300L /350L / 400L /450L	MTA5	M6.0	T25	RCA5
7	CR90-114-MTA5-400L CR90-114-MTA5-500L CR90-114-MTA5-600L	90-114	400L / 500L/ 600L	MTA5	M6.0	T25	RCA5

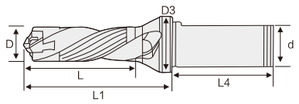
CROWN DRILL INSERT

ICD 自鎖式皇冠鑽刀片

鑽孔: 8-26mm
鑽削深度: 3D,5D,8D,10D,12D



型號 Specification	外形尺寸(mm)Size D	L	d	D3	Po.Size
ICD	6.00–6.40	4.00	2.4	0.5	6.0
	6.50–6.90	4.30	2.6	0.5	6.5
	7.30–7.90	4.60	2.8	0.6	7.0
	8.00–8.90	5.40	3.2	0.7	8.0
	9.00–9.90	5.80	3.6	0.8	9.0
	10.00–10.90	6.20	3.5	0.8	10.0
	11.00–11.90	6.60	3.9	0.9	11.0
	12.00–12.90	7.00	3.8	0.9	12.0
	13.00–13.90	7.60	4.1	1.0	13.0
	14.00–14.90	8.15	4.5	1.1	14.0
	15.00–15.90	8.73	4.9	1.2	15.0
	16.00–16.90	9.30	5.4	1.1	16.0
	17.00–17.90	9.90	5.3	1.5	17.0
	18.00–18.90	10.50	5.8	1.4	18.0
	19.00–19.90	11.00	6.3	1.3	19.0
	20.00–20.90	11.60	6.8	1.0	20.0
	21.00–21.90	12.18	7.2	1.2	21.0
	22.00–22.90	12.76	7.6	1.2	22.0
	23.00–23.90	13.33	7.9	1.3	23.0
	24.00–24.90	13.90	8.3	1.4	24.0
	25.00–25.90	14.50	8.5	1.1	25.0
	26.00–26.90	15.07	9.1	1.0	26.0
	27.00–27.90	15.65	9.5	1.1	27.0
	28.00–28.90	16.22	9.8	1.1	28.0
	29.00–29.90	16.80	10.2	1.1	29.0
	30.00–30.90	17.38	10.5	1.2	30.0
	31.00–31.90	17.96	11.0	1.2	31.0
	32.00–32.90	18.54	11.2	1.3	32.0

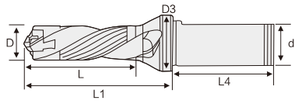


ICD-3D CROWN DRILL

ICD-3D 自鎖式皇冠鑽刀杆

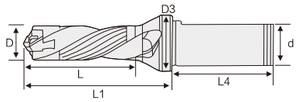
型號 Specification	最小直徑 D(Min)	最大直徑 D(Max)	外形尺寸(mm)Size L	d	D3	L1	L4	Po.Size	刀片型號 Insert
ICD 060–018–12A–3D	6.0	6.4	18.0	12.0	16.0	32.0	45.0	6.0	ICD 060–064
ICD 065–020–12A–3D	6.5	6.9	20.0	12.0	16.0	33.8	45.0	6.5	ICD 065–069
ICD 070–021–12A–3D	7.0	7.4	21.0	12.0	16.0	35.6	45.0	7.0	ICD 070–074
ICD 075–023–12A–3D	7.5	7.9	23.0	12.0	16.0	37.1	45.0	7.5	ICD 075–079
ICD 080–024–12A–3D	8.0	8.4	24.0	12.0	16.0	39.4	45.0	8.0	ICD 080–084
ICD 085–025–12A–3D	8.5	8.9	25.0	12.0	16.0	40.9	45.0	8.5	ICD 085–089
ICD 090–027–12A–3D	9.0	9.4	27.0	12.0	16.0	42.8	45.0	9.0	ICD 090–094
ICD 095–029–12A–3D	9.5	9.9	29.0	12.0	16.0	44.3	45.0	9.5	ICD 095–099
ICD100–030–16A–3D	10.0	10.4	30.0	16.0	20.0	46.2	48.0	10.0	ICD 100–104
ICD 105–032–16A–3D	10.5	10.9	32.0	16.0	20.0	47.7	48.0	10.5	ICD 105–109
ICD110–033–16A–3D	11.0	11.4	33.0	16.0	20.0	49.6	48.0	11.0	ICD 110–114
ICD 115–035–16A–3D	11.5	11.9	35.0	16.0	20.0	51.1	48.0	11.5	ICD115~119
ICD 120–036–16A–3D	12.0	12.4	38.0	16.0	20.0	53.0	48.0	12.0	ICD 120–124
ICD 125–037–16A–3D	12.5	12.9	37.0	16.0	20.0	54.5	48.0	12.5	ICD 125–129
ICD 130–039–16A–3D	13.0	13.4	39.0	16.0	20.0	56.6	48.0	13.0	ICD 130–134
ICD 135–041–16A–3D	13.5	13.9	41.0	16.0	20.0	58.1	48.0	13.5	ICD 135–139
ICD140–042–16A–3D	14.0	14.4	42.0	16.0	20.0	62.1	48.0	14.0	ICD 140–144
ICD145–044–16A–3D	14.5	14.9	44.0	16.0	20.0	63.6	48.0	14.5	ICD 145–149
ICD 150–045–20A–3D	15.0	15.9	45.0	20.0	25.0	68.7	50.0	15.0	ICD 150–159
ICD 160–048–20A–3D	16.0	16.9	48.0	20.0	25.0	73.3	50.0	16.0	ICD 160–169
ICD 170–051–20A–3D	17.0	17.9	51.0	20.0	25.0	77.9	50.0	17.0	ICD 170–179
ICD 180–054–25A–3D	18.0	18.9	54.0	25.0	32.0	82.5	56.0	18.0	ICD 180–189
ICD 190–057–25A–3P	19.0	19.9	57.0	25.0	32.0	87.0	56.0	19–00	ICD 190–199
ICD 200–060–25A–3D	20.0	20.9	60.0	25.0	32.0	91.6	56.0	20.0	ICD 200–209
ICD210–063–25A–3D	21.0	21.9	63.0	25.0	32.0	96.2	56.0	21.0	ICD210–219
ICD 220–066–25A–3D	22.0	22.9	66.0	25.0	32.0	100.8	56.0	22.0	ICD 220–229
ICD 230–069–32A–3D	23.0	23.9	69.0	32.0	42.0	105.4	60.0	23.0	ICD 230–239
ICD 240–072–32A–3D	24.0	24.9	72.0	32.0	42.0	110.0	60.0	24.0	ICD 240–249
ICD 250–075–32A–3D	25.0	25.9	75.0	32.0	42.0	114.5	60.0	25.0	ICD 250–259
ICD 260–078–32A–3D	26.0	26.9	78.0	32.0	42.0	119.0	60.0	26.0	ICD 260–269
ICD 270–081–32A–3D	27.0	27.9	81.0	32.0	42.0	123.7	60.0	27.0	ICD 270–279
ICD 280–084–32A–3D	28.0	28.9	84.0	32.0	42.0	128.2	60.0	28.0	ICD 280–289
ICD 290–087–32A–3D	29.0	29.9	87.0	32.0	42.0	132.8	60.0	29.0	ICD 290–299
ICD 300–090–32A–3D	30.0	30.9	90.0	32.0	42.0	137.4	60.0	30.0	ICD 300–309
ICD310–093–32A–3D	31.0	31.9	93.0	32.0	42.0	142.0	60.0	31.0	ICD310–319
ICD 320–096–32A–3D	32.0	32.9	96.0	32.0	42.0	146.5	60.0	32.0	ICD 320–329

ICD-5D CROWN DRILL



ICD-5D 自鎖式皇冠鑽刀杆

型號 Specification	最小直徑 D(Min)	最大直徑 D(Max)	外形尺寸(mm)Size L	d	D3	L1	L4	Po.Size	刀片型號 Insert
ICD060-030-12A-5D	6.0	6.4	30.0	12.0	16.0	44.0	45.0	6.0	ICD 060-064
ICD 065-033-12A-5D	6.5	6.9	33.0	12.0	16.0	46.8	45.0	6.5	ICD 065-069
ICD070-035-12A-5D	7.0	7.4	35.0	12.0	16.0	49.6	45.0	7.0	ICD 070 074
ICD 075-038-12A-5D	7.5	7.9	38.0	12.0	16.0	52.1	45.0	7.5	ICD 075-079
ICD 080-040-12A-5D	8.0	8.4	40.0	12.0	16.0	55.4	45.0	8.0	ICD 080-084
ICD 085-042-12A-5D	8.5	8.9	42.5	12.0	16.0	57.9	45.0	8.5	ICD 085-089
ICD 090-045-12A-5D	9.0	9.4	45.0	12.0	16.0	60.8	45.0	9.0	ICD 090-094
ICD 095-048-12A-5D	9.5	9.9	48.0	12.0	16.0	63.3	45.0	9.5	ICD 095-099
ICD 100-050-16A-5D	10.0	10.4	50.0	16.0	20.0	66.2	48.0	10.0	ICD 100-104
ICD 105-053-16A-5D	10.5	10.9	53.0	16.0	20.0	68.7	48.0	10.5	ICD 105-109
ICD 110-055-16A-5D	11.0	11.4	55.0	16.0	20.0	71.6	48.0	11.0	ICD 110-114
ICD 115-058-16A-5D	11.5	11.9	58.0	16.0	20.0	74.1	48.0	11.5	ICD115-119
ICD 120-060-16A-5D	12.0	12.4	60.0	16.0	20.0	77.0	48.0	12.0	ICD 120-124
ICD 125-062-16A-5D	12.5	12.9	62.0	16.0	20.0	79.5	48.0	12.5	ICD 125-129
ICD 130-065-16A-5D	13.0	13.4	65.0	16.0	20.0	82.6	48.0	13.0	ICD 130-134
ICD 135-068-16A-5D	13.5	13.9	68.0	16.0	20.0	85.1	48.0	13.5	ICD 135-139
ICD 140-070-16A-5D	14.0	14.4	70.0	16.0	20.0	90.2	48.0	14.0	ICD 140-144
ICD 145-073-16A-5D	14.5	14.9	73.0	16.0	20.0	92.7	48.0	14.5	ICD 145-149
ICD 150-075-20A-5D	15.0	15.9	75.0	20.0	25.0	98.7	50.0	15.0	ICD 150-159
ICD 160-080-20A-5D	16.0	16.9	80.0	20.0	25.0	105.3	50.0	16.0	ICD 160-169
ICD 170-085-20A-5D	17.0	17.9	85.0	20.0	25.0	111.9	50.0	17.0	ICD 170-179
ICD 180-090-25A-5D	18.0	18.9	90.0	25.0	32.0	118.5	56.0	18.0	ICD 180-189
ICD 190-095-25A-5D	19.0	19.9	95.0	25.0	32.0	125.0	56.0	19.0	ICD 190-199
ICD 200-100-25A-5D	20.0	20.9	100.0	25.0	32.0	131.6	56.0	20.0	ICD 200-209
ICD210-105-25A-5D	21.0	21.9	105.0	25.0	32.0	138.2	56.0	21.0	ICD 210-219
ICD 220-110-25A-5D	22.0	22.9	110.0	25.0	32.0	144.8	56.0	22.0	ICD 220-229
ICD 230-115-32A-5D	23.0	23.9	115.0	32.0	42.0	151.4	60.0	23.0	ICD 230-239
ICD 240-120-32A-5D	24.0	24.9	120.0	32.0	42.0	158.0	60.0	24.0	ICD 240-249
ICD250-125-32A-5D	25.0	25.9	125.0	32.0	42.0	164.5	60.0	25.0	ICD 250-259
ICD 260-130-32A-5D	26.0	26.9	130.0	32.0	42.0	171.0	60.0	26.0	ICD 260-269
ICD270-135-32A-5D	27.0	27.9	135.0	32.0	42.0	177.7	60.0	27.0	ICD 270-279
ICD 280-140-32A-5D	28.0	28.9	140.0	32.0	42.0	184.2	60.0	28.0	ICD 280-289
ICD290-145-32A-5D	29.0	29.9	145.0	32.0	42.0	190.8	60.0	29.0	ICD 290-299
ICD 300-150-32A-5D	30.0	30.9	150.0	32.0	42.0	197.4	60.0	30.0	ICD 300-309
ICD310-155-32A-5D	31.0	31.9	155.0	32.0	42.0	204.0	60.0	31.0	ICD310-319
ICD 320-160-32A-5D	32.0	32.9	160.0	32.0	42.0	210.5	60.0	32.0	ICD 320-329



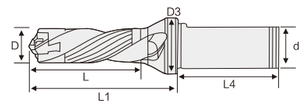
ICD-8D CROWN DRILL

ICD-8D 自鎖式皇冠鑽刀杆

型號 Specification	最小直徑 D(Min)	最大直徑 D(Max)	外形尺寸(mm)Size L	d	D3	L1	L4	Po.Size	刀片型號 Insert
ICD 060-048-12A-8D	6.00	6.40	48.0	12.00	16.00	62.0	45.0	6.00	ICD 060-064
ICD 065-052-12A-8D	6.50	6.90	52.0	12.00	16.00	66.3	45.0	6.50	ICD 065-069
ICD 070-056-12A-8D	7.00	7.40	56.0	12.00	16.00	70.6	45.0	7.00	ICD 070-074
ICD 075-060-12A-8D	7.50	7.90	60.0	12.00	16.00	74.6	45.0	7.50	ICD 075-079
ICD 080-064-12A-8D	8.00	8.40	64.0	12.00	16.00	79.4	45.0	8.00	ICD 080-084
ICD 085-068-12A-8D	8.50	8.90	68.0	12.00	16.00	83.4	45.0	8.50	ICD 085-089
ICD 090-072-12A-8D	9.00	9.40	72.0	12.00	16.00	87.8	45.0	9.00	ICD 090-094
ICD 095-076-12A-8D	9.50	9.90	76.0	12.00	16.00	91.8	45.0	9.50	ICD 095-099
ICD 100-080-16A-8D	10.00	10.40	80.0	16.00	20.00	96.2	48.0	10.00	ICD 100-104
ICD 105-084-16A-8D	10.50	10.90	84.0	16.00	20.00	100.2	48.0	10.50	ICD 105-109
ICD 110-088-16A-8D	11.00	11.40	88.0	16.00	20.00	104.6	48.0	11.00	ICD 110-114
ICD 115-092-16A-8D	11.50	11.90	92.0	16.00	20.00	108.6	48.0	11.50	ICD 115-119
ICD120-096-16A-8D	12.00	12.40	96.0	16.00	20.00	113.0	48.0	12.00	ICD 120-124
ICD 125-100-16A-8D	12.50	12.90	100.0	16.00	20.00	117.0	48.0	12.50	ICD 125-129
ICD 130-104-16A-8D	13.00	13.40	104.0	16.00	20.00	121.6	48.0	13.00	ICD 130-134
ICD 135-108-16A-8D	13.50	13.90	108.0	16.00	20.00	125.6	48.0	13.50	ICD 135-139
ICD 140-112-16A-8D	14.00	14.40	112.0	16.00	20.00	132.1	48.0	14.00	ICD 140-144
ICD 145-116-16A-8D	14.50	14.90	116.0	16.00	20.00	136.2	48.0	14.50	ICD 145-149
ICD 150-120-20A-8D	15.00	15.90	120.0	20.00	25.00	143.7	50.0	15.00	ICD 150-159
ICD 160-128-20A-8D	16.00	16.90	128.0	20.00	25.00	153.3	50.0	16.00	ICD 160-169
ICD 170-136-20A-8D	17.00	17.90	136.0	20.00	25.00	162.9	50.0	17.00	ICD 170-179
ICD 180-144-25A-8D	18.00	18.90	144.0	25.00	32.00	172.5	56.0	18.00	ICD 180-189
ICD 190-152-25A-8D	19.00	19.90	152.0	25.00	32.00	182.0	56.0	19.00	ICD 190-199
ICD200-160-25A-8D	20.00	20.90	160.0	25.00	32.00	191.6	56.0	20.00	ICD 200-209
ICD210-168-25A-8D	21.00	21.90	168.0	25.00	32.00	201.2	56.0	21.00	ICD 210-219
ICD220-176-25A-8D	22.00	22.90	176.0	25.00	32.00	210.8	56.0	22.00	ICD 220-229
ICD 230-184-32A-8D	23.00	23.90	184.0	32.00	42.00	220.4	60.0	23.00	ICD 230-239
ICD240-192-32A-8D	24.00	24.90	192.0	32.00	42.00	230.0	60.0	24.00	ICD 240-249
ICD 250-200-32A-8D	25.00	25.90	200.0	32.00	42.00	239.5	60.0	25.00	ICD 250-259
ICD 260-208-32A-8D	26.00	26.90	208.0	32.00	42.00	249.3	60.0	26.00	ICD 260-269
ICD 270-216-32A-8D	27.00	27.90	216.0	32.00	42.00	258.6	60.0	27.00	ICD 270-279
ICD 280-224-32A-8D	28.00	28.90	224.0	32.00	42.00	268.2	60.0	28.00	ICD 280-289
ICD 290-232-32A-8D	29.00	29.90	232.0	32.00	42.00	277.8	60.0	29.00	ICD 290-299
ICD 300-240-32A-8D	30.00	30.90	240.0	32.00	42.00	287.4	60.0	30.00	ICD 300-309
ICD310-248-32A-8D	31.00	31.90	248.0	32.00	42.00	297.0	60.0	31.00	ICD 310-319
ICD 320-256-32A-8D	32.00	32.90	256.0	32.00	42.00	306.5	60.0	32.00	ICD 320-329

ICD-12D CROWN DRILL

ICD-12D 自鎖式皇冠鑽刀杆



型號 Specification	最小直徑 D(Min)	最大直徑 D(Max)	外形尺寸(mm)Size L	d	D3	L1	L4	Po.Size	刀片型號 Insert
ICD 080-096-12R-12D	8.0	8.4	96.0	12.0	16.0	111.4	45.0	8.0	ICD 080-084
ICD 085-102-12R-12D	8.5	8.9	102.0	12.0	16.0	117.4	45.0	8.0	ICD 085-089
ICD 090-108-12R-12D	9.0	9.4	108.0	12.0	16.0	123.8	45.0	9.0	ICD 090-094
ICD 095-114-12R-12D	9.5	9.9	114.0	12.0	20.0	129.8	45.0	9.0	ICD 095-099
ICD100-120-16R-12D	10.0	1040.0	120.0	16.0	20.0	136.2	48.0	10.0	ICD 100-104
ICD 105-126-16R-12D	10.5	10.9	126.0	16.0	20.0	142.2	48.0	10.0	ICD 105-109
ICD 110-132-16R-12D	11.0	11.4	132.0	16.0	20.0	146.6	48.0	11.0	ICD110-114
ICD 115-138-16R-12D	11.5	11.9	138.0	16.0	20.0	154.6	48.0	11.0	ICD115-119
ICD 120-144-16R-12D	12.0	12.4	144.0	16.0	20.0	161.0	45.0	12.0	ICD 120-124
ICD 125-150-16R-12D	12.5	12.9	150.0	16.0	20.0	167.0	48.0	12.0	ICD 125-129
ICD 130-156-16R-12D	13.0	13.4	156.0	16.0	20.0	173.6	48.0	13.0	ICD 130-134
ICD135-162-16R-12D	13.5	13.9	162.0	16.0	20.0	179.0	48.0	13.0	ICD 135-139
ICD 140-168-16R-12D	14.0	14.4	168.0	16.0	20.0	188.0	48.0	14.0	ICD 140-144
ICD 145-174-16R-12D	14.5	14.9	174.0	16.0	20.0	194.0	48.0	14.0	ICD 145-149
ICD 150-180-20R-12D	15.0	15.9	180.0	20.0	25.0	210.0	50.0	15.0	ICD 150-159
ICD 160-192-20R-12D	16.0	16.9	192.0	20.0	25.0	217.3	50.0	16.0	ICD 160-169
ICD 170-204-20R-12D	17.0	17.9	204.0	20.0	25.0	230.9	50.0	17.0	ICD 170-179
ICD 180-216-25R-12D	18.0	18.9	216.0	25.0	32.0	244.5	56.0	18.0	ICD 180-189
ICD 190-228-25R-12D	19.0	19.9	228.0	25.0	32.0	258.0	56.0	19.0	ICD 190-199
ICD 200-240-25R-12D	20.0	20.9	240.0	25.0	32.0	271.6	56.0	20.0	ICD 200-209
ICD210-252-25R-12D	21.0	21.9	252.0	25.0	32.0	285.2	56.0	21.0	ICD 210-219
ICD 220-264-25R-12D	22.0	22.9	264.0	25.0	32.0	298.8	56.0	22.0	ICD 220-229
ICD 230-276-32R-12D	23.0	23.9	276.0	32.0	42.0	302.4	60.0	23.0	ICD 230-239
ICD 240-288-32R-12D	24.0	24.9	288.0	32.0	42.0	326.0	60.0	24.0	ICD 240-249
ICD 250-300-32R-12D	25.0	25.9	300.0	32.0	42.0	339.5	60.0	25.0	ICD 250-259
ICD 260-312-32R-12D	26.0	26.9	312.0	32.0	42.0	353.1	60.0	26.0	ICD 260-269
ICD 270-324-32R-12D	27.0	27.9	324.0	32.0	42.0	366.7	60.0	27.0	ICD 270-279
ICD 280-336-32R-12D	28.0	28.9	336.0	32.0	42.0	380.2	60.0	28.0	ICD 280-289
ICD 290-348-32R-12D	29.0	29.9	348.0	32.0	42.0	393.8	60.0	29.0	ICD 290-299
ICD 300-360-32R-12D	30.0	30.9	360.0	32.0	42.0	407.4	60.0	30.0	ICD 300-309
ICD310-372-32R-12D	31.0	31.9	372.0	32.0	42.0	421.0	60.0	31.0	ICD 310-319
ICD320-384-32R-12D	32.0	32.9	384.0	32.0	42.0	434.5	60.0	32.0	ICD 320-329
ICD 290-232-32A-8D	29.0	29.9	232.0	32.0	42.0	277.8	60.0	29.0	ICD 290-299
ICD 300-240-32A-8D	30.0	30.9	240.0	32.0	42.0	287.4	60.0	30.0	ICD 300-309
ICD310-248-32A-8D	31.0	31.9	248.0	32.0	42.0	297.0	60.0	31.0	ICD 310-319
ICD 320-256-32A-8D	32.0	32.9	256.0	32.0	42.0	306.5	60.0	32.0	ICD 320-329

INDEXABLE CUTTING TOOLS
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• • 随着中国倡导的“一带一路”战略的落实与发展，速肯立足中国，走向世界，坚持自我研发和制造的路线，建立健全的各项制度，提高全员执行力，加大力度储备人才，强化速肯核心团队，全面推进企业向前发展。