



博发数控刀具

BOFA CNC CUTTING TOOLS

产品详情目录
PRODUCT DETAILS CATALOG

博发数控科技有限公司
Bofa CNC Technology Co., Ltd

公司地址：龙湾区滨海十四路，温州经济技术开发区滨海园区锐捷科教产业园。

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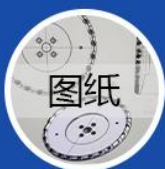
公司介绍 > COMPANY PROFILE

公司在数控加工领域经营，专业生产金属切削刀具，如数控刀片、刀柄、刀柄、钻头、快速钻头、刀头、刀头、刀柄、机床附件。无论是切割、铣削和数控刀具，还是全源一站式采购和非标准定制，我们都为客户提供更便利的服务，提高您的加工效率。

工厂成立以来，我们一直坚持客户至上的经营理念十多年。所有品种，铣刀质量优异，一站式服务，满足不同客户的采购需求。

BOFA CNC COMPANY OPERATES IN THE FIELD OF CNC MACHINING, SPECIALIZING IN THE PRODUCTION OF METAL CUTTING TOOLS SUCH AS CNC BLADES, TOOL HOLDERS, TOOL HOLDERS, DRILL BITS, QUICK DRILLS, TOOL HEADS, TOOL HEADS, TOOL HOLDERS, MACHINE TOOL ACCESSORIES, ETC. WHETHER IT IS CUTTING, MILLING OR CNC TOOLS, WE OFFER ONE-STOP PROCUREMENT AND NON-STANDARD CUSTOMIZATION FROM ALL SOURCES.

ADHERING TO THE PRINCIPLES OF QUALITY FIRST, REPUTATION FIRST, AND TIMELY DELIVERY, WE WHOLEHEARTEDLY SERVE THE MANUFACTURING INDUSTRY!





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铣刀盘系列

CUTTER HEAD
SERIES

445 cutterhead
445 (升级款) 精铣刀盘



P001

545 cutterhead
545 (升级款) 粗铣刀盘



P002

445 cutterhead
445 (台湾款) 精铣刀盘



P003

545 cutterhead
545 (台湾款) 粗铣刀盘



P004

EMR5R cutterhead
EMR5R圆鼻铣刀盘



P005

EMR6R cutterhead
EMR6R圆鼻铣刀盘



P006

BAP400R cutterhead
BAP400R直角铣刀盘



P007

ASRF12/15 cutterhead
ASRF12/15快进给铣刀盘



P008

R390 cutterhead
R390精铣刀盘



P009

TXP cutterhead
TXP快进给刀盘



P034

RAP300R/400R cutterhead
RAP300R/400R铣刀盘



P010

SMMX cutterhead
SMMX铣刀盘



P011

90 degree SE12 chamfer
90度SE12倒角刀盘



P012

SNMU1205 cutterhead
SNMU1205铣刀盘



P013

TFM45SN cutterhead
TFM45SN铣刀盘



P014

NCHX cutterhead
NCHX快进给铣刀盘



P015

T-shaped knife 400R cutterhead
T型刀400R刀盘



P016

MFWN900 cutterhead
MFWN900铣刀盘



P017

FMD02 cutterhead
FMD02刀盘



P018

U钻系列

U-DRILL
SERIES

U-drill SP type
U钻 SP型



P018-P022

U-drill WC type
U钻 WC型



P023-P026

铣刀杆系列

MILLING CUTTER ROD
SERIES

EAP300R tool holder
EAP300R刀杆



P027-P028

EAP400R tool holder
EAP400R刀杆



P029

EMR4R tool holder
EMR4R圆鼻铣刀杆



P030

EMR5R tool holder
EMR5R圆鼻铣刀杆



P031

EMRW6R tool holder
EMRW6R圆鼻铣刀杆



P032

TRS4R tool holder
TRS4R圆鼻立铣刀杆



P033

TRS6R tool holder
TRS6R圆鼻立铣刀杆



P034

TRS5R tool holder
TRS5R圆鼻立铣刀杆



P033

ASR06 tool holder
ASR06快进给铣刀杆



P035

R390 tool holder
R390精铣刀杆



P036

ST rough boring tool
ST固定式粗镗刀



P037

SB rough boring tool
SB粗镗刀



P038-P039

CT countersunk knife
CT导柱沉头刀



P040

CH countersunk knife
CH螺丝沉头刀



P041

ST rough boring tool
偏心镗刀杆



P042

刀柄系列

HILT
SERIES

BT-FMA knife handle
BT-FMA 平面铣刀柄



P043

BT-SLN knife handle
BT-SLN 侧固式刀柄



P044-P045

BT-ER knife handle
BT-ER弹性筒夹刀柄



P047-P049

BT-SC knife handle
BT-SC 高精度强力刀柄



P050

Knife holder
车床辅助刀座



P051-P052

刀柄配件系列

KNIFE HANDLE ACCESSORIES
SERIES

ER elastic tube clamp
高精度 ER 弹性筒夹



P053-P054

ER Coolant Collet
ER止水筒夹



P055-P056

C Straight Collet
C型强力直柄筒夹



P057

BT pull nail
日本標準拉釘BT



P058

Screw
螺丝



P059

Spanner
扳手



P060-P062

铣刀系列

MILLING CUTTER
SERIES

55 degree-4 blade
55度-4刃平底铣刀



P066-P067

55 degree-2 blade
55度-2刃球头铣刀



P068-P069

55 degree-4 blade
55度-4刃圆鼻铣刀



P070

55 degree-2 blade
55度-2刃键槽平底刀



P071

55 degree-4 blade
55度-4刃小数点平底铣刀



P072

55 degree-2 blade
55度-2刃小数点球头铣刀



P073

58 degree-4 blade
58度-4刃平底铣刀



P074-P075

58 degree-2 blade
58度-2刃球头铣刀



P076-P077

58 degree-4 blade
58度-4刃圆鼻铣刀



P078

65 degree-4 blade
65度-4刃七彩平底铣刀



P079-P080

58 degree-4 blade
58度-4刃平底铣刀



P081-P082

58 degree-4 blade
65度-4刃七彩圆鼻铣刀



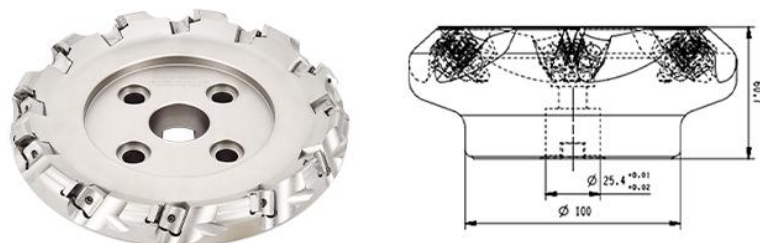
P083-P084

68 degree-4 blade
68度-4刃不等分模框倒锥立



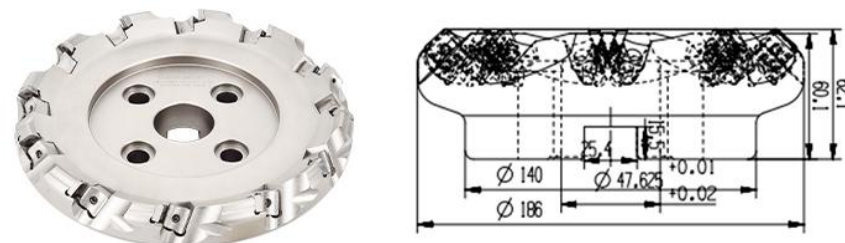
P085

445 cutterhead
445（升级款）精铣刀盘



刀盘型号 model	刀盘尺寸 size	英寸 Inch	直径 D	内孔 d	刃数 T
445精铣	80 正	3	80	25.4	5
	80 反	3	80	25.4	5
	100 正	4	100	31.75	5
	100 反	4	100	31.75	5
	125 正	5	125	32/40	6
	125 反	5	125	32/40	6
	160 正	6	160	50.8	8
	160 反	6	160	50.8	8
	200 正	8	200	47.625	10
	200 反	8	200	47.625	10
	250 正	10	250	47.625	12
	250 反	10	250	47.625	12
	300 正	12	300	47.625	14
	300 反	12	300	47.625	14
	350 正	14	350	47.625	16
	350 反	14	350	47.625	16
	400 正	16	400	47.625	18
	400 反	16	400	47.625	18

545 cutterhead
545（升级款）粗铣刀盘

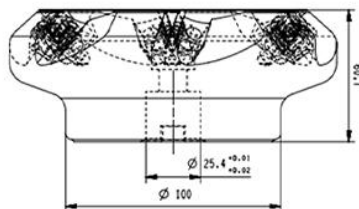


刀盘型号 model	刀盘尺寸 size	英寸 Inch	直径 D	内孔 d	刃数 T
545粗铣	80 正	3	80	25.4	5
	80 反	3	80	25.4	5
	100 正	4	100	31.75	5
	100 反	4	100	31.75	5
	125 正	5	125	32/40	6
	125 反	5	125	32/40	6
	160 正	6	160	50.8	8
	160 反	6	160	50.8	8
	200 正	8	200	47.625	10
	200 反	8	200	47.625	10
	250 正	10	250	47.625	12
	250 反	10	250	47.625	12
	300 正	12	300	47.625	14
	300 反	12	300	47.625	14
	350 正	14	350	47.625	16
	350 反	14	350	47.625	16
	400 正	16	400	47.625	18
	400 反	16	400	47.625	18

445 cutterhead
445 (台湾款) 精铣刀盘

数控铣刀盘

CNC CUTTER HEAD

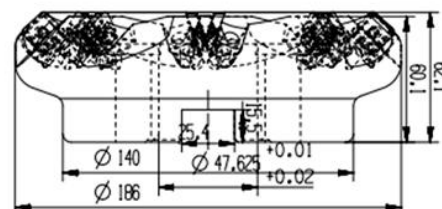


刀盘型号 model	刀盘尺寸 size	英寸 Inch	直径 D	内孔 d	刃数 T
445精铣	80 正	3	80	25.4	5
	80 反	3	80	25.4	5
	100 正	4	100	31.75	5
	100 反	4	100	31.75	5
	125 正	5	125	32/40	6
	125 反	5	125	32/40	6
	160 正	6	160	50.8	8
	160 反	6	160	50.8	8
	200 正	8	200	47.625	10
	200 反	8	200	47.625	10
	250 正	10	250	47.625	12
	250 反	10	250	47.625	12
	300 正	12	300	47.625	14
	300 反	12	300	47.625	14
	350 正	14	350	47.625	16
	350 反	14	350	47.625	16
	400 正	16	400	47.625	18
	400 反	16	400	47.625	18

545 cutterhead
545 (台湾款) 粗铣刀盘

数控铣刀盘

CNC CUTTER HEAD



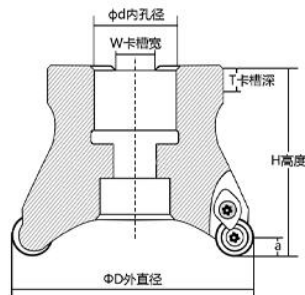
刀盘型号 model	刀盘尺寸 size	英寸 Inch	直径 D	内孔 d	刃数 T
545粗铣	80 正	3	80	25.4	5
	80 反	3	80	25.4	5
	100 正	4	100	31.75	5
	100 反	4	100	31.75	5
	125 正	5	125	32/40	6
	125 反	5	125	32/40	6
	160 正	6	160	50.8	8
	160 反	6	160	50.8	8
	200 正	8	200	47.625	10
	200 反	8	200	47.625	10
	250 正	10	250	47.625	12
	250 反	10	250	47.625	12
	300 正	12	300	47.625	14
	300 反	12	300	47.625	14
	350 正	14	350	47.625	16
	350 反	14	350	47.625	16
	400 正	16	400	47.625	18
	400 反	16	400	47.625	18

EMR5R milling cutter head

EMR5R圆鼻铣刀盘

数控铣刀盘

CNC CUTTER HEAD



型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade
EMR5R-50-22-4T	50	22	4	RPMW1003MO
EMR5R-63-22-4T	63	22	4	RPMW1003MO
EMR5R-80-27-6T	80	27	6	RPMW1003MO
EMR5R-100-32-6T	100	32	6	RPMW1003MO
EMR5R-125-40-7T	125	40	7	RPMW1003MO
EMR5R-160-40-8T	160	40	8	RPMW1003MO
EMR5R-50-25.4-4T	50	25.4	4	RPMW1003MO
EMR5R-63-25.4-4T	63	25.4	4	RPMW1003MO
EMR5R-80-25.4-6T	80	25.4	6	RPMW1003MO
EMR5R-100-31.75-6T	100	31.75	6	RPMW1003MO

注意/Pay attention

- ◎ 根据工件材料、加工形状选择合适的冷却液
- ◎ 此标准切削条件表中的数值为切削条件的基准值。实际加工请考虑加工形状、目的、使用的机床等因素
- ◎ 槽切削、切斜切削时，请将进给量设定为70%
- ◎ 刀片应尽早更换，防止过度使用造成刀具破损
- ◎ 请勿使用非水溶性的切削液，以免造成火灾

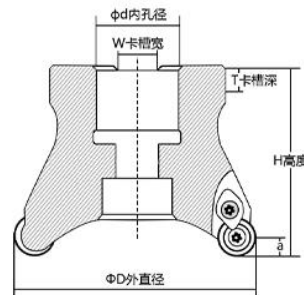
- ◎ Select the appropriate coolant based on the workpiece material and processing shape.
- ◎ The values in this standard cutting condition table are the benchmark values for cutting conditions. Please consider factors such as the shape, purpose, and machine tool used for actual processing.
- ◎ When performing groove cutting or oblique cutting, please set the feed rate to 70%.
- ◎ The blade should be replaced as soon as possible to prevent excessive use from causing tool damage.
- ◎ Do not use non water soluble cutting fluids to avoid fire hazards.

EMRW6R milling cutter head

EMRW6R圆鼻铣刀盘

数控铣刀盘

CNC CUTTER HEAD



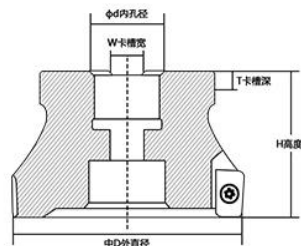
型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade
EMRW6R-50-22-4T	50	22	4	RDMW1204MOT
EMRW6R-50-25.4-4T	50	25.4	4	RDMW1204MOT
EMRW6R-63-22-4T	63	22	4	RDMW1204MOT
EMRW6R-63-25.4-4T	63	25.4	4	RDMW1204MOT
EMRW6R-80-25.4-6T	80	25.4	6	RDMW1204MOT
EMRW6R-80-27-6T	80	27	6	RDMW1204MOT
EMRW6R-100-31.75-6T	100	31.75	6	RDMW1204MOT
EMRW6R-100-32-6T	100	32	6	RDMW1204MOT
EMRW6R-125-40-7T	125	40	7	RDMW1204MOT
EMRW6R-160-40-8T	160	40	8	RDMW1204MOT
EMRW6R-200-40-10T	200	40	10	RDMW1204MOT
EMRW6R-250-40-12T	250	40	12	RDMW1204MOT

注意/Pay attention

- ◎ 根据工件材料、加工形状选择合适的冷却液
- ◎ 此标准切削条件表中的数值为切削条件的基准值。实际加工请考虑加工形状、目的、使用的机床等因素
- ◎ 槽切削、切斜切削时，请将进给量设定为70%
- ◎ 刀片应尽早更换，防止过度使用造成刀具破损
- ◎ 请勿使用非水溶性的切削液，以免造成火灾

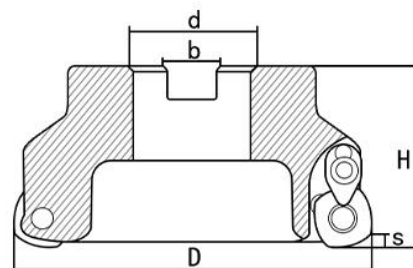
- ◎ Select the appropriate coolant based on the workpiece material and processing shape.
- ◎ The values in this standard cutting condition table are the benchmark values for cutting conditions. Please consider factors such as the shape, purpose, and machine tool used for actual processing.
- ◎ When performing groove cutting or oblique cutting, please set the feed rate to 70%.
- ◎ The blade should be replaced as soon as possible to prevent excessive use from causing tool damage.
- ◎ Do not use non water soluble cutting fluids to avoid fire hazards.

BAP400R cutterhead
BAP400R直角铣刀盘



型号 Product Model	角度 Angle	直径 D	内孔 d	刃数	适用刀片 Applicable blade
BAP400R-50-22-4T	90°	50	22	4T	APMT1604PDER-H2
BAP400R-63-22-4T	90°	63	22	4T	APMT1604PDER-H2
BAP400R-80-27-6T	90°	80	27	6T	APMT1604PDER-H2
BAP400R-100-32-6T	90°	100	32	6T	APMT1604PDER-H2
BAP400R-125-40-6T	90°	125	40	6T	APMT1604PDER-H2
BAP400R-160-40-8T	90°	160	40	8T	APMT1604PDER-H2
BAP400R-200-40-10T	90°	200	40	10T	APMT1604PDER-H2
BAP400R-250-40-12T	90°	250	40	12T	APMT1604PDER-H2
BAP400R-315-60-14T	90°	315	60	14T	APMT1604PDER-H2
BAP400R-50-25.4-4T	90°	50	25.4	4T	APMT1604PDER-H2
BAP400R-63-25.4-4T	90°	63	25.4	4T	APMT1604PDER-H2
BAP400R-80-25.4-6T	90°	80	25.4	6T	APMT1604PDER-H2
BAP400R-100-31.7-6T	90°	100	31.7	6T	APMT1604PDER-H2

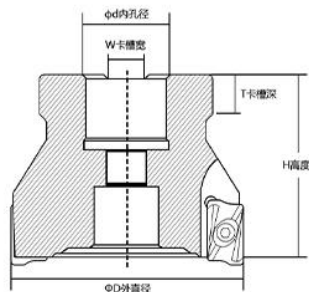
ASRF12/15 cutterhead
ASRF12/15快进给铣刀盘



型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade	螺丝
ASRF12-50-22-4T	50	22	4	SDMT120512	M4*9
ASRF12-63-22-4T	63	22	4	SDMT120512	M4*9
ASRF15-50-22-3T	50	22	3	SDMT150512	M5*12
ASRF15-63-22-4T	63	22	4	SDMT150512	M5*12
ASRF15-80-27-5T	80	27	5	SDMT150512	M5*12
ASRF15-100-32-5T	100	32	5	SDMT150512	M5*12

R390 milling cutter head

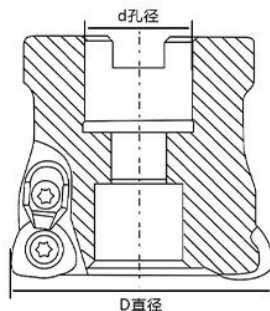
R390精铣刀盘



型号 Product Model	直径 D	内孔 d	刃数 T
R390-50-22-4T	50	22	4
R390-63-22-4T	63	22	4

TXP fast feed disc

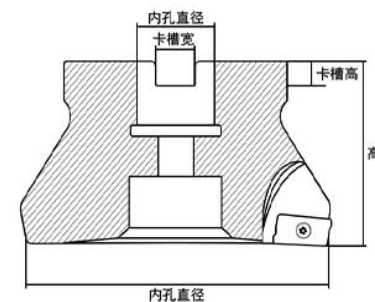
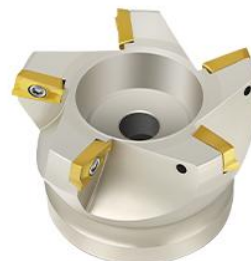
TXP快给进刀盘



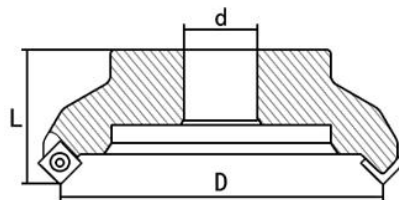
型号 Product Model	直径 D	孔径 d	刃数 T	刀片 Applicable blade	螺丝	板手
TXP13-63-22-4T	63	22	4T	WPGT080615ZS R-JZ7030	M5*10	T15

RAP300R/400R milling cutter head

RAP300R/400R铣刀盘



型号 Product Model	直径 D	内孔 d	高 H	卡槽宽 W	卡槽高 T	刃数	适用刀片 Applicable blade
RAP300R-50-22-4T	50	22	50	10.3	6.3	4	APMT1135PD
RAP300R-63-22-4T	63	22	50	10.3	6.3	4	APMT1135PD
RAP400R-50-22-3T	50	22	50	10.3	6.3	3	APMT1604PD
RAP400R-63-22-4T	63	22	50	10.3	6.3	4	APMT1604PD
RAP400R-80-27-5T	80	27	50	12.4	7	5	APMT1604PD
RAP400R-100-32-5T	100	32	50	14.4	7	5	APMT1604PD
RAP400R-125-40-6T	125	40	50	16	9	6	APMT1604PD
RAP400R-160-40-7T	160	40	50	16	9	7	APMT1604PD
RAP400R-200-60-8T	200	60	50	16	9	8	APMT1604PD

SNMX cutterhead
SMMX铣刀盘

型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade	颜色
SMMX-80R-25.4-6T	80	25.4	6	SNMX1205	白
SMMX-100R-25.4-6T	100	25.4	6	SNMX1205	白
SMMX-100L-25.4-6T	100	25.4	6	SNMX1205	白
SMMX-125R-25.4-7T	100	25.4	7	SNMX1205	黑
SMMX-125L-25.4-7T	100	25.4	7	SNMX1205	黑
SMMX-125R-50.8-7T	100	50.8	7	SNMX1205	黑
SMMX-125L-50.8-7T	100	50.8	7	SNMX1205	黑
SMMX-125R-47.625-7T	100	47.63	7	SNMX1205	黑
SMMX-125L-47.625-7T	100	47.63	7	SNMX1205	黑

90 degree SE12 chamfering disc
90度SE12倒角刀盘

型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade	颜色
SE12-70-17-6T	70	17	6	SEEN1203	黑
SE12-80-17-6T	80	17	6	SEEN1203	黑
SE12-100-17-6T	100	17	6	SEEN1203	黑

SNMU1205 cutterhead
SNMU1205铣刀盘

型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade	扳手
SNMU1205-D80R-25.4-6T	80	25.4	6	SNMX1205ANN-ZM	T20
SNMU1205-D80L-25.4-6T	80	25.4	6	SNMX1205ANN-ZM	T20
SNMU1205-D120R-25.4-8T	120	25.4	8	SNMX1205ANN-ZM	T20
SNMU1205-D120L-25.4-8T	120	25.4	8	SNMX1205ANN-ZM	T20

TFM45SN cutterhead
TFM45SN铣刀盘

型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade	扳手
TFM45SN-D63R-25.4-6T	63	25.4	6	SNMX1205ANN-ZM	T20
TFM45SN-D63L-25.4-6T	63	25.4	6	SNMX1205ANN-ZM	T20
TFM45SN-D125R-47.625-8T	125	47.625	8	SNMX1205ANN-ZM	T20
TFM45SN-D125L-47.625-8T	125	47.625	8	SNMX1205ANN-ZM	T20

NCHX fast forward milling cutter disc

NCHX快进铣刀盘



型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade
NC45HX0906-80-27-6T	80	27	6	NCHX0906ANSN
NC45HX0906-100-32-8T	100	32	8	NCHX0906ANSN
NC45HX0906-125-40-10T	125	40	10	NCHX0906ANSN

T-shaped knife 400R cutterhead

T型刀400R刀盘



型号 Product Model	直径 D	内孔 d	长度 L	适用刀片 Applicable blade
T型刀400R-D69-D24-28L	69	24	28	APMT1604PDER

MFWN900 cutterhead

MFWN900铣刀盘



型号 Product Model	直径 D	内孔 d	刃数 T	适用刀片 Applicable blade
MFWN900-D80-27-6T	80	27	6	WNMUO80608-ENJZ7070

FMD02 cutterhead

FMD02刀盘



型号 Product Model	直径 D	内孔 d	刃数 T	板手
FMD02-D80R-A27-PN11-08	80	27	8	T20
FMD02-D80L-A27-PN11-08	80	27	8	T20
FMD02-D100R-A32-PN11-10	100	32	10	T20
FMD02-D100L-A32-PN11-10	100	32	10	T20



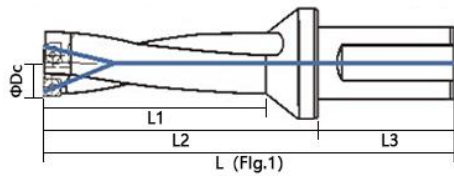
SP型 潜孔钻/U钻 2D

U-DRILL
SP MODEL/2D

加工公差概率: -0.25~+0.25

最大加工深度: L 2xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling depth: 2xdlameter



U 钻

U-DRILL MODEL

外径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13	20	2D13-29SP05	●	88	29	44		SP...050204	0.2
13.5		2D13.5-30SP05	●	89	30	45			0.2
14		2D14-31SP05	●	90	31	46			0.2
14.5		2D14.5-32SP05	●	91	32	47			0.2
15		2D15-33SP05	●	92	33	48			0.2
15.5		2D15.5-34SP05	●	93	34	49			0.2
16		2D16-35SP06	●	94	35	50			0.2
16.5		2D16.5-36SP06	●	95	36	51			0.2
17		2D17-37SP06	●	96	37	52			0.2
17.5		2D17.5-38SP06	●	109	38	53			0.3
18		2D18-39SP06	●	110	39	54			0.3
18.5		2D18.5-40SP06	●	111	40	55			0.3
19		2D19-41SP06	●	112	41	56			0.3
19.5		2D19.5-42SP06	●	113	42	57			0.3
20		2D20-43SP06	●	114	43	58			0.3
20.5		2D20.5-44SP06	●	115	44	59			0.3
21		2D21-45SP06	●	116	45	60			0.3
21.5		2D21.5-46SP06	●	117	46	61			0.3
22		2D22-47SP07	●	118	47	62			0.4
22.5		2D22.5-48SP07	●	119	48	63			0.4
23		2D23-49SP07	●	123	49	67			0.4
23.5		2D23.5-50SP07	●	124	50	68			0.4
24		2D24-51SP07	●	125	51	69			0.4
24.5		2D24.5-52SP07	●	126	52	70			0.4
25		2D25-53SP07	●	127	53	71			0.4
25.5		2D25.5-54SP07	●	134	54	74			0.6
26		2D26-55SP07	●	135	55	75			0.6
26.5		2D26.5-56SP07	●	136	56	76			0.6
27		2D27-57SP07	●	137	57	77			0.6
27.5		2D27.5-58SP07	●	138	58	78			0.6
28		2D28-59SP07/09	●	139	59	79			0.6
28.5		2D28.5-60SP07/09	●	140	60	80			0.6
29		2D29-62SP09	●	143	62	83			0.7
29.5		2D29.5-63SP09	●	144	63	84			0.7
30		2D30-64SP09	●	148	64	88			0.7
30.5		2D30.5-65SP09	●	149	65	89			0.7
31		2D31-66SP09	●	150	66	90			0.7
31.5		2D31.5-67SP09	●	151	67	91			0.7
32		2D32-68SP09	●	152	68	92			0.8
32.5		2D32.5-69SP09	●	153	69	93			0.8
33		2D33-70SP09	●	154	70	94			0.8
33.5		2D33.5-71SP09	●	155	71	95			0.8
34		2D34-72SP09/11	●	156	72	96			0.8
34.5		2D34.5-73SP09/11	●	157	73	97			0.8
35		2D35-74SP11	●	158	74	98			0.8
35.5		2D35.5-75SP11	●	159	75	99			0.8

● Mark: Standard stock item,
No mark: Made to order item.

●● 表示库存 ○ 表示库存预定品

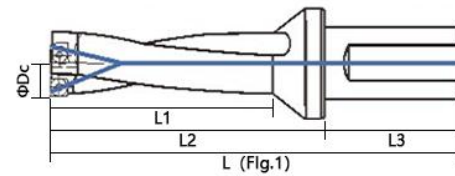
SP型 潜孔钻/U钻 3D

U-DRILL
SP MODEL/3D

加工公差概率: -0.25~+0.25

最大加工深度: L 3xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling depth: 3xdlameter



U 钻

U-DRILL MODEL

外径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13	20	3D13-42SP05	●	101	42	57		SP...050204	0.2
13.5		3D13.5-44SP05	●	103	44	59			0.2
14		3D14-45SP05	●	104	45	60			0.2
14.5		3D14.5-47SP05	●	106	47	62			0.2
15		3D15-48SP05	●	107	48	63			0.2
15.5		3D15.5-50SP05	●	109	50	65			0.2
16		3D16-51SP06	●	110	51	66			0.2
16.5		3D16.5-53SP06	●	112	53	68			0.2
17		3D17-54SP06	●	113	54	69			0.2
17.5		3D17.5-56SP06	●	127	56	71			0.2
18		3D18-57SP06	●	128	57	72			0.3
18.5		3D18.5-59SP06	●	130	59	74			0.3
19		3D19-60SP06	●	131	60	75			0.3
19.5		3D19.5-62SP06	●	133	62	77			0.3
20		3D20-63SP06	●	134	63	78			0.3
20.5		3D20.5-65SP06	●	136	65	80			0.3
21		3D21-66SP06	●	137	66	81			0.3
21.5		3D21.5-68SP08	●	139	68	83			0.3
22		3D22-69SP07	●	140	69	84			0.4
22.5		3D22.5-71SP07	●	142	71	86			0.4
23		3D23-72SP07	●	146	72	90			0.4
23.5		3D23.5-74SP07	●	148	74	92			0.4
24		3D24-75SP07	●	149	75	93			0.4
24.5		3D24.5-77SP07	●	151	77	95			0.4
25		3D25-78SP07	●	152	78	96			0.4
25.5		3D25.5-80SP07	●	160	80	100			0.6
26		3D26-81SP07	●	161	81	101			0.6
26.5		3D26.5-83SP07	●	163	83	103			0.6
27		3D27-84SP07	●	164	84	104			0.6
27.5		3D27.5-86SP07	●	166	86	106			0.6
28		3D28-87SP07	●	167	87	107			0.6
28.5		3D28.5-89SP07/09	●	169	89	109			0.6
29		3D29-91SP09	●	172	91	112			0.7
29.5		3D29.5-93SP09	●	174	93	114			0.7
30		3D30-94SP09	●	178	94	118			0.7
30.5		3D30.5-96SP08	●	180	96	120			0.7
31		3D31-87SP09	●	181	97	121			0.7
31.5		3D31.5-99SP09	●	183	99	123			0.7
32		3D32-100SP08	●	184	100	124			0.8
32.5		3D32.5-102SP09	●	186	102	126			0.8
33		3D33-103SP09	●	187	103	127			0.8
33.5		3D33.5-105SP09	●	189	105	129			0.8
34		3D34-106SP09/11	●	190	106	130			0.8
34.5		3D34.5-108SP09/11	●	192	108	132			0.8
35		3D35-109SP11	●	193	109	133			0.8
35.5		3D35.5-111SP11	●	195	111	135			0.8

○ 附件Spare Parts

类型	直径 diameter	刀片型号 Blade	螺丝 Screw	扳手 Wrench
SP	8.5-9.5	SP03	M1.6	X 3.6 T6
	10-12.5	SP04	M1.6	X 3.6 T6
	13-14.5	SP05	M2	X 3.6 T6

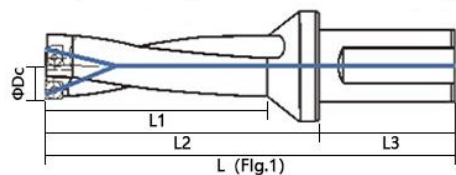
SP型 潜孔钻/U钻 4D

U-DRILL
SP MODEL/4D

加工公差概率: -0.25~+0.25

最大加工深度: L 4xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling deplh: 4xdlameter



U 钻

U-DRILL MODEL

刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13	20	4D13-55SP05	• 114	55	70			SP...050204	0.2
13.5		4D13.5-57SP05	• 116	57	72				0.2
14		4D14-59SP05	• 118	59	74				0.2
14.5		4D14.5-61SP05	• 120	61	76				0.2
15		4D15-63SP05	• 122	63	78				0.2
15.5		4D15.5-65SP05	• 124	65	80				0.2
16		4D16-67SP06	• 126	67	82				0.2
16.5		4D16.5-69SP06	• 128	69	84				0.2
17		4D17-71SP06	• 130	71	86				0.2
17.5		4D17.5-73SP06	• 144	73	88				0.2
18		4D18-75SP06	• 146	75	90				0.3
18.5		4D18.5-77SP06	• 148	77	92				0.3
19		4D19-79SP06	• 150	79	94				0.3
19.5		4D19.5-81SP06	• 152	81	96				0.3
20		4D20-83SP06	• 154	83	98				0.3
20.5		4D20.5-85SP06	• 156	85	100				0.3
21	25	4D21-87SP06	• 158	87	102				0.3
21.5		4D21.5-89SP06	• 160	89	104				0.3
22		4D22-91SP07	• 162	91	106				0.4
22.5		4D22.5-93SP07	• 164	93	108				0.4
23		4D23-95SP07	• 169	95	113				0.4
23.5		4D23.5-97SP07	• 171	97	115				0.4
24		4D24-99SP07	• 173	99	117				0.4
24.5		4D24.5-101SP07	• 175	101	119				0.4
25		4D25-103SP07	• 177	103	121				0.4
25.5		4D25.5-105SP07	• 185	105	125				0.6
26		4D26-107SP07	• 187	107	127				0.6
26.5		4D26.5-109SP07	• 189	109	129				0.6
27		4D27-111SP07	• 191	111	131				0.6
27.5		4D27.5-113SP07	• 193	113	133				0.6
28		4D28-115SP07/09	• 195	115	135				0.6
28.5		4D28.5-117SP07/09	• 197	117	137				0.6
29		4D29-120SP09	• 201	120	141				0.7
29.5		4D29.5-122SP09	• 203	122	143				0.7
30		4D30-124SP09	• 208	124	148				0.7
30.5	32	4D30.5-126SP09	• 210	126	150				0.7
31		4D31-128SP08	• 212	128	152				0.7
31.5		4D31.5-130SP09	• 214	130	154				0.7
32		4D32-132SP09	• 216	132	156				0.8
32.5		4D32.5-134SP09	• 218	134	158				0.8
33		4D33-136SP09	• 220	136	160				0.8
33.5		4D33.5-138SP09	• 222	138	162				0.8
34		4D34-140SP09/11	• 224	140	164				0.8
34.5		4D34.5-142SP09/11	• 226	142	166				0.8
35		4D35-144SP11	• 228	144	168				0.8
35.5		4D35.5-146SP11	• 230	146	170				0.8

○ 附件 Spare Parts

类型	直径 diameter	刀片型号 Blade	螺丝 Screw	扳手 Wrench
SP	15-15.5	SP05	M2 X 5	T7
	16-21.5	SP06	M2.2 X 5	T7
	22-28.5	SP07	M2.5 X 6	T7

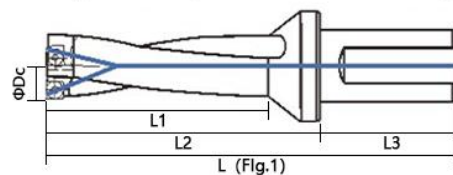
SP型 潜孔钻/U钻 5D

U-DRILL
SP MODEL/5D

加工公差概率: -0.25~+0.25

最大加工深度: L 5xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling deplh: 5xdlameter



U 钻

U-DRILL MODEL

刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13	20	5D13-68SP05	• 129	68	85			SP...050204	0.3
13.5		5D13.5-71SP05	• 131	71	87				0.3
14		5D14-73SP05	• 133	73	89				0.3
14.5		5D14.5-76SP05	• 125	76	91				0.3
15		5D15-78SP05	• 127	78	93				0.3
15.5		5D15.5-80SP05	• 140	80	95				0.3
16		5D16-83SP06	• 142	83	98				0.4
16.5		5D16.5-86SP06	• 145	86	101				0.4
17		5D17-88SP06	• 147	88	103				0.4
17.5		5D17.5-91SP06	• 162	91	106				0.4
18		5D18-93SP06	• 164	93	108				0.5
18.5		5D18.5-96SP06	• 167	96	111				0.5
19		5D19-98SP06	• 169	98	113				0.5
19.5		5D19.5-101SP06	• 172	101	116				0.5
20		5D20-103SP06	• 174	103	118				0.5
20.5		5D20.5-106SP06	• 177	106	121				0.5
21	25	5D21-108SP06	• 179	108	123				0.5
21.5		5D21.5-111SP06	• 182	111	126				0.5
22		5D22-113SP07	• 184	113	128				0.5
22.5		5D22.5-116SP07	• 187	116	131				0.5
23		5D23-118SP07	• 192	118	136				0.6
23.5		5D23.5-121SP07	• 195	121	139				0.6
24		5D24-123SP07	• 197	123	141				0.6
24.5		5D24.5-126SP07	• 200	126	144				0.8
25		5D25-128SP07	• 202	128	146				0.8
25.5		5D25.5-131SP07	• 213	131	153				0.8
26		5D26-133SP07	• 216	133	158				0.8
26.5		5D26.5-136SP07	• 217	136	157				0.8
27		5D27-138SP07	• 218	138	158				0.8
27.5		5D27.5-141SP07	• 221	141	161				0.8
28		5D28-143SP07/09	• 223	143	163				0.9
28.5		5D28.5-146SP07/09	• 226	146	166				0.9
29		5D29-149SP09	• 230	149	170				0.9
29.5		5D29.5-151SP05	• 233	151	173				0.9
30		5D30-154SP09	• 238	154	178				1.0
30.5	32	5D30.5-157SP09	• 241	157	181				1.0
31		5D31-159SP09	• 243	159	183				1.0
31.5		5D31.5-162SP09	• 245	162	185				1.0
32		5D32-164SP09	• 248	164	188				1.1
32.5		5D32.5-167SP09	• 251	167	191				1.1
33		5D33-169SP09	• 253	169	193				1.1
33.5		5D33.5-172SP09	• 255	172	195				1.1
34		5D34-174SP11	• 258	174	198				1.2
34.5		5D34.5-177SP11	• 261	177	201				1.2
35		5D35-179SP11	• 263	179	203				1.2
35.5		5D35.5-182SP11	• 265	182	205				1.2

○ 附件 Spare Parts

类型	直径 diameter	刀片型号 Blade	螺丝 Screw	扳手 Wrench
SP	29-24.5	SP09	M3.5 X 8.5	T15
	35-41.5	SP11	M4 X 10	T20
	42-50	SP14	M5 X 11	T20

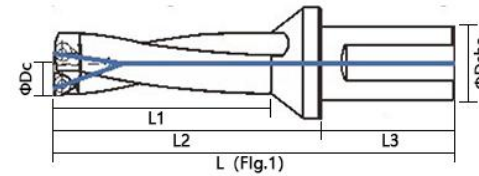
WC型 潜孔钻/U钻 2D

U-DRILL
WC MODEL/2D

加工公差概率: -0.25~+0.25

最大加工深度: L 2xΦDc

Range of machining tolerance: -0.25~+0.25 Drilling depth: 2xdrill diameter



刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13		2D13-29WC02	●	88	29	44		WC...020104	0.2
13.5		2D13.5-30WC02	●	89	30	45		WC...020104	0.2
14		2D14-31WC02/03	●	90	31	46		WC...030208	0.2
14.5	20	2D14.5-32WC02/03	●	91	32	47			0.2
15	/	2D15-33WC02	●	92	33	48	44		0.2
15.5	25	2D15.5-34WC02	●	93	34	49			0.2
16		2D16-35WC03	●	94	35	50			0.2
16.5		2D16.5-36WC03	●	95	36	51			0.2
17		2D17-37WC03	●	96	37	52			0.2
17.5		2D17.5-38WC03	●	109	38	53		WC...030208	0.2
18		2D18-39WC03	●	110	39	54			0.3
18.5		2D18.5-40WC03	●	111	40	55			0.3
19		2D19-41WC03	●	112	41	56			0.3
19.5		2D19.5-42WC03	●	113	42	57			0.3
20		2D20-43WC03	●	114	43	58			0.3
20.5		2D20.5-44WC03	●	115	44	59			0.3
21	25	2D21-45WC04	●	116	45	60			0.3
21.5		2D21.5-46WC04	●	117	46	61	56		0.3
22		2D22-47WC04	●	118	47	62			0.4
22.5		2D22.5-48WC04	●	119	48	63		WC...040208	0.4
23		2D23-49WC04	●	123	49	67			0.4
23.5		2D23.5-50WC04	●	124	50	68			0.4
24		2D24-51WC04	●	125	51	69			0.4
24.5		2D24.5-52WC04	●	126	52	70			0.4
25		2D25-53WC05	●	127	53	71			0.4
25.5		2D25.5-54WC05	●	134	54	74			0.6
26		2D26-55WC05	●	135	55	75			0.6
26.5		2D26.5-56WC05	●	136	56	76			0.6
27		2D27-57WC05	●	137	57	77			0.6
27.5		2D27.5-58WC05	●	138	58	78			0.6
28		2D28-59WC05	●	139	59	79		WC...050308	0.6
28.5		2D28.5-60WC05	●	140	60	80			0.6
29		2D29-62WC05	●	143	62	83			0.7
29.5		2D29.5-63WC05	●	144	63	84			0.7
30		2D30-64WC05	●	148	64	88			0.7
30.5	32	2D30.5-65WC05	●	149	65	89			0.7
31		2D31-66WC06	●	150	66	90			0.7
31.5		2D31.5-67WC06	●	151	67	91	60		0.7
32		2D32-68WC06	●	152	68	92			0.8
32.5		2D32.5-69WC06	●	153	69	93			0.8
33		2D33-70WC06	●	154	70	94			0.8
33.5		2D33.5-71WC06	●	155	71	95			0.8
34		2D34-72WC06	●	156	72	96			0.8
34.5		2D34.5-73WC06	●	157	73	97		WC...06T308	0.8
35		2D35-74WC06	●	158	74	98			0.8
35.5		2D35.5-75WC06	●	159	75	99			0.8
36		2D36-76WC06	●	160	76	100			0.9
36.5	32	2D36.5-77WC06	●	161	77	101			0.9
37		2D37-79WC06	●	169	79	109			0.9
37.5		2D37.5-80WC06	●	170	80	110			0.9

刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
38		2D38-81WC06	●	171	81	111			0.9
38.5	32	2D38.5-82WC06	●	172	82	112	60	WC...06T308	0.9
39		2D39-83WC06	●	173	83	113			1.0
39.5		2D39.5-84WC06	●	174	84	114			1.1
40		2D40-85WC06	●	185	85	115		WC...06T308	1.1
41		2D41-87WC06	●	187	87	117			1.1
42		2D42-89WC08	●	189	89	119			1.1
43		2D43-91WC08	●	191	91	121			1.5
44		2D44-93WC08	●	193	93	123			1.6
45		2D45-95WC08	●	195	95	125			1.7
46		2D46-97WC08	●	197	97	127			1.7
47		2D47-99WC08	●	199	99	129			1.8
48		2D48-101WC08	●	201	101	131			1.8
49		2D49-103WC08	●	203	103	133			1.9
50		2D50-105WC08	●	205	105	135			1.9
51		2D51-107WC08	●	207	107	137		WC...080412	2.0
52		2D52-109WC08	●	209	109	139			2.0
53		2D53-111WC08	●	211	111	141			2.1
54		2D54-113WC08	●	213	113	143			2.2
55		2D55-115WC08	●	215	115	145			2.3
56		2D56-120WC08	●	222	120	152			2.4
57		2D57-122WC08	●	224	122	154			2.5
58		2D58-124WC08	●	226	124	156			2.6
59		2D59-126WC08	●	228	126	158			2.7
60	40	2D60-128WC08	●	230	128	160	70		2.8
61		2D61-130WC06	●	232	130	162			
62		2D62-132WC06	●	234	132	164			
63		2D63-134WC06	●	236	134	166			
64		2D64-136WC06	●	238	136	168			
65		2D65-138WC06	●	240	138	170			
66		2D66-140WC06	●	242	140	172			
67		2D67-142WC06	●	244	142	174			
68		2D68-144WC06	●	246	144	176			
69		2D69-146WC06	●	248	146	178			
70		2D70-148WC06	●	250	148	180		WC...06T308	
71		2D71-150WC06	●	252	150	182			
72		2D72-152WC06	●	254	152	184			
73		2D73-154WC06	●	256	154	186			
74		2D74-156WC06	●	258	156	188			
75		2D75-158WC06	●	260	158	190			
76		2D76-160WC06	●	262	160	192			
77		2D77-162WC06	●	264	162	194			
78		2D78-164WC06	●	266	164	196			
79		2D79-166WC06	●	268	166	198			
80		2D80-168WC06	●	270	168	200			

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○ 表示库存预定期

U 钻
U-DRILL MODEL

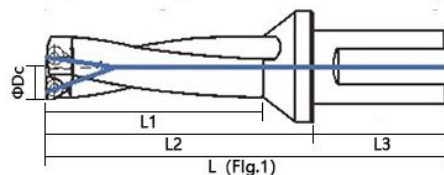
WC型 潜孔钻/U钻 3D

U-DRILL
WC MODEL/3D

加工公差概率: -0.25~+0.25

最大加工深度: L 3xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling depth: 3xdlameter



U 钻

U-DRILL MODEL

外径 ΦDc	内径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13		3D13-42WC02	●	101	42	57		WC...020104	0.2
13.5		3D13.5-44WC02	●	103	44	59		WC...020104	0.2
14		3D14-45WC02/03	●	104	45	80		WC...030208	0.2
14.5	20	3D14.5-47WC02/03	●	106	47	62		WC...030208	0.2
15	/	3D15-48WC02	●	107	48	63	44		0.2
15.5	25	3D15.5-50WC02	●	109	50	65			0.2
16		3D16-51WC03	●	110	51	66			0.2
16.5		3D16.5-53WC03	●	112	53	68			0.2
17		3D17-54WC03	●	113	54	69			0.2
17.5		3D17.5-56WC03	●	127	56	71		WC...030208	0.3
18		3D18-57WC03	●	128	57	72			0.3
18.5		3D18.5-59WC03	●	130	59	74			0.3
19		3D19-60WC03	●	131	60	75			0.3
19.5		3D19.5-62WC03	●	133	62	77			0.3
20		3D20-63WC03	●	134	63	78			0.4
20.5		3D20.5-65WC03	●	136	65	80			0.4
21	25	3D21-66WC04	●	137	66	81	56		0.3
21.5		3D21.5-68WC04	●	139	68	83			0.3
22		3D22-69WC04	●	140	69	84			0.4
22.5		3D22.5-71WC04	●	142	71	86		WC...040208	0.4
23		3D23-72WC04	●	146	72	90			0.4
23.5		3D23.5-74WC04	●	148	74	92			0.4
24		3D24-75WC04	●	149	75	93			0.4
24.5		3D24.5-77WC04	●	151	77	95			0.4
25		3D25-78WC05	●	152	78	96			0.6
25.5		3D25.5-80WC05	●	160	80	100			0.6
26		3D26-81WC05	●	161	81	101			0.6
26.5		3D26.5-83WC05	●	163	83	103			0.7
27		3D27-84WC05	●	164	84	104			0.7
27.5		3D27.5-86WC05	●	166	86	106			0.7
28		3D28-87WC05	●	167	87	107		WC...050308	0.7
28.5		3D28.5-89WC05	●	169	89	109			0.7
29		3D29-91WC05	●	172	91	112			0.7
29.5		3D29.5-93WC05	●	174	93	114			0.7
30		3D30-94WC05	●	178	94	118			0.7
30.5	32	3D30.5-96WC05	●	180	96	120			0.8
31		3D31-97WC06	●	181	97	121	60		0.8
31.5		3D31.5-99WC06	●	183	99	123			0.9
32		3D32-100WC06	●	184	100	124			0.9
32.5		3D32.5-102WC06	●	186	102	126			0.9
33		3D33-103WC06	●	187	103	127			0.9
33.5		3D33.5-105WC06	●	189	105	129			0.9
34		3D34-106WC06	●	190	106	130		WC...06T308	0.9
34.5		3D34.5-108WC06	●	192	108	132			1.0
35		3D35-109WC06	●	193	109	133			1.0
35.5		3D35.5-111WC06	●	195	111	135			1.0
36		3D36-112WC06	●	196	112	136			1.0
36.5	32	3D36.5-114WC06	●	198	114	138			1.1
37		3D37-116WC06	●	206	116	146			1.1

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○ 表示库存预定品

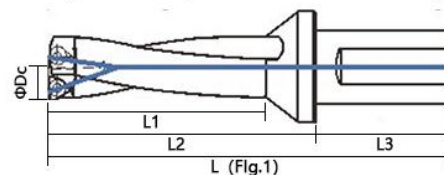
WC型 潜孔钻/U钻 4D

U-DRILL
WC MODEL/4D

加工公差概率: -0.25~+0.25

最大加工深度: L 4xΦDc

Range of machining tolerance: -0.25~+0.25 Dilling depth: 4xdlameter



U 钻

U-DRILL MODEL

外径 ΦDc	内径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
13		4D13-55WC02	●	114	55	70		WC...020104	0.2
13.5		4D13.5-57WC02	●	116	57	72		WC...020104	0.2
14		4D14-59WC02/03	●	118	59	74		WC...030208	0.2
14.5	20	4D14.5-61WC02/03	●	120	61	76		WC...030208	0.2
15	/	4D15-63WC03	●	122	63	78	44		0.2
15.5	25	4D15.5-65WC03	●	124	65	80			0.2
16		4D16-67WC08	●	126	67	82			0.3
16.5		4D16.5-69WC03	●	128	69	84			0.3
17		4D17-71WC03	●	130	71	86			0.3
17.5		4D17.5-73WC03	●	144	73	88		WC...030208	0.3
18		4D18-75WC08	●	146	75	90			0.4
18.5		4D18.5-77WC03	●	148	77	92			0.4
19		4D19-79WC03	●	150	79	94			0.4
19.5		4D19.5-81WC03	●	152	81	96			0.4
20		4D20-83WC03	●	154	83	98			0.4
20.5		4D20.5-85WC03	●	156	85	100			0.4
21	25	4D21-87WC04	●	158	87	102	56		0.4
21.5		4D21.5-89WC04	●	160	89	104			0.4
22		4D22-91WC04	●	162	91	106			0.4
22.5		4D22.5-93WC04	●	164	93	108		WC...040208	0.4
23		4D23-95WC04	●	169	95	113			0.5
23.5		4D23.5-97WC04	●	171	97	115			0.5
24		4D24-99WC04	●	173	99	117			0.5
24.5		4D24.5-101WC04	●	175	101	119			0.7
25		4D25-103WC05	●	177	103	121			0.7
25.5		4D25.5-105WC06	●	185	105	125			0.7
26		4D26-107WC05	●	187	107	127			0.7
26.5		4D26.5-109WC05	●	189	109	129			0.7
27		4D27-111WC05	●	191	111	131			0.7
27.5		4D27.5-113WC05	●	193	113	133			0.7
28		4D28-115WC05	●	195	115	135		WC...050308	0.8
28.5		4D28.5-117WC05	●	197	117	137			0.8
29		4D29-120WC05	●	201	120	141			0.8
29.5		4D29.5-122WC05	●	203	122	143			0.8
30		4D30-124WC05	●	208	124	148			0.9
30.5	32	4D30.5-126WC05	●	210	126	150			0.9
31		4D31-128WC06	●	212	128	152	60		0.9
31.5		4D31.5-130WC08	●	214	130	154			0.9
32		4D32-132WC06	●	216	132	156			1.0
32.5		4D32.5-134WC06	●	218	134	158			1.0
33		4D33-136WC06	●	220	136	160			1.0
33.5		4D33.5-138WC06	●	222	138	162			1.0
34		4D34-140WC06	●	224	140	164		WC...06T308	1.0
34.5		4D34.5-142WC06	●	226	142	166			1.0
35		4D35-144WC06	●	228	144	168			1.0
35.5		4D35.5-146WC06	●	230	146	170			1.0
36		4D36-148WC06	●	232	148	172			1.2
36.5		4D36.5-150WC06	●	236	150	174			1.2
37		4D37-153WC06	●	243	153	183			1.2

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○ 表示库存预定品

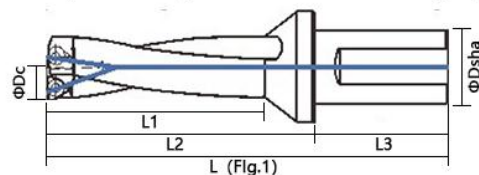
WC型 潜孔钻/U钻 5D

U-DRILL
WC MODEL/5D

加工公差概率: -0.25~+0.25

最大加工深度: L 5xΦDc

Range of machining tolerance: -0.25~+0.25 Drilling depth: 5xdlameter



U 钻

U-DRILL MODEL

刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
16	20	SD16-83WC03	●	142	83	98			
16.5	25	SD16.5-86WC03	●	145	86	101	44		0.4
17		SD17-88WC03	●	147	88	103			0.4
17.5		SD17.5-91WC03	●	162	91	106			0.4
18		SD18-93WC03	●	164	93	108			0.5
18.5		SD18.5-96WC08	●	167	96	111			0.5
19		SD19-98WC03	●	169	98	113			0.5
19.5		SD19.5-101WC03	●	172	101	116			0.5
20		SD20-103WC03	●	174	103	118			0.5
20.5		SD20.5-106WC03	●	177	106	121			0.5
21	25	SD21-108WC04	●	179	108	123			0.5
21.5		SD21.5-111WC04	●	182	111	126			0.4
22		SD22-113WC04	●	184	113	128			0.5
22.5		SD22.5-116WC04	●	187	116	131			0.5
23		SD23-118WC04	●	192	118	136			0.6
23.5		SD23.5-121WC04	●	195	121	139			0.6
24		SD24-123WC04	●	197	123	141			0.6
24.5		SD24.5-126WC04	●	200	126	144			0.8
25		SD25-128WC05	●	202	128	148			0.8
25.5		SD25.5-131WC05	●	213	131	153			0.8
26		SD26-133WC05	●	216	133	158			0.8
26.5		SD26.5-136WC05	●	217	136	157			0.8
27		SD27-138WC05	●	218	138	158			0.8
27.5		SD27.5-141WC05	●	221	141	161			0.8
28		SD28-143WC05	●	223	143	163			0.9
28.5		SD28.5-146WC06	●	226	146	166			0.9
29		SD29-148WC05	●	230	149	170			0.9
29.5		SD29.5-151WC05	●	233	151	173			0.9
30		SD30-154WC05	●	238	154	178			0.9
30.5		SD30.5-157WC05	●	241	157	181			1.0
31		SD31-159WC06	●	243	159	183			1.0
31.5		SD31.5-162WC06	●	245	162	185			1.0
32		SD32-164WC06	●	248	164	188			1.1
32.5	32	SD32.5-167WC06	●	251	167	191			1.1
33		SD33-169WC08	●	253	169	193			1.1
33.5		SD33.5-172WC06	●	255	172	195			1.1
34		SD34-174WC06	●	258	174	198			1.2
34.5		SD34.5-177WC06	●	261	177	201			1.2
35		SD35-179WC06	●	263	179	203			1.2
35.5		SD35.5-182WC06	●	265	182	205			1.2
36		SD36-184WC06	●	268	184	208			1.3
36.5		SD36.5-187WC06	●	271	187	211			1.3
37		SD37-190WC06	●	280	190	220			1.3
37.5		SD37.5-193WC06	●	283	193	223			1.3
38		SD38-195WC06	●	285	195	225			1.4
38.5		SD38.5-198WC06	●	288	198	228			1.4
39		SD39-200WC06	●	290	200	230			1.9
39.5		SD39.5-203WC06	●	293	203	233			1.9
40	40	SD40-205WC06	●	305	205	235			1.9
41		SD41-210WC06	○	310	210	240			2.0

刃径 ΦDc	柄径 ΦDs	型号 Product midet	库存 store	L	L1	L2	L3	通用刀片 blade	kg
42		SD42-215WC08	○	315	215	245			2.1
43		SD43-220WC08	○	320	220	250			2.2
44		SD44-225WC08	○	325	225	255			2.3
45		SD45-230WC08	○	330	230	260			2.4
46		SD46-235WC08	○	335	235	265			2.5
47		SD47-240WC08	○	340	240	270			2.6
48		SD48-245WC08	○	345	245	275			2.7
49		SD49-250WC08	○	350	250	280			2.8
50		SD50-255WC08	○	355	255	285			2.9
51		SD51-260WC08	○	360	260	290			3.0
52		SD52-265WC08	○	365	265	295			3.1
53		SD53-270WC08	○	370	270	300			3.2
54		SD54-275WC08	○	375	275	305			3.3
55	40	SD55-280WC08	○	380	280	310	70		3.4
56		SD56-285WC08	○	385	285	315			3.6
57		SD57-295WC08	○	390	295	320			3.8
58		SD58-300WC08	○	395	300	325			3.9
59		SD59-305WC08	○	400	305	330			4.1
60		SD60-310WC08	○	405	310	335			4.2
61		SD61-315WC08	○	410	315	340			4.3
62		SD62-320WC08	○	415	320	345			4.4
63		SD63-325WC08	○	420	325	350			4.5
64		SD64-330WC08	○	425	330	355			4.6
65		SD65-335WC08	○	430	335	360			4.7
66		SD66-340WC08	○	435	340	365			4.8
67		SD67-345WC08	○	440	345	370			4.9
68		SD68-350WC08	○	445	350	375			5.0
69		SD69-355WC08	○	450	355	380			5.1
70		SD70-360WC08	○	455	360	385			5.2

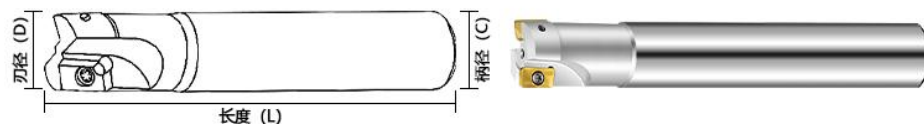
○ 附件Spare Parts

类型	直径 diameter	刀片型号 Blade	螺丝 Screw	扳手 Wrench
SP	13-14.5	WC02	M1.8	X 5.0 T6
	14-14.5	WC03	M2.5	X 6 T8
	15-20.5	WC03	M2.5	X 6 T8
	21-24.5	WC04	M2.5	X 6 T8
	25-30.5	WC05	M3	X 7 T8
	31-41.5	WC06	M3.5	X 8.5 T15
	42-62	WC08	M4	X 10 T15
	63-80	WC08	M3.5	X 8.5 T8

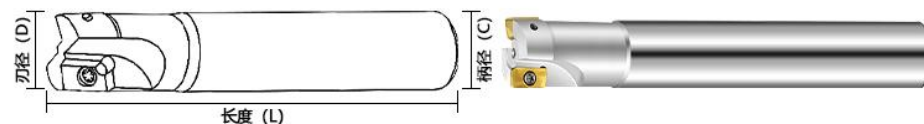
● Mark: Standard stock item,
No mark: Made to order item.

○ ● 表示库存 ○ 表示库存预定品





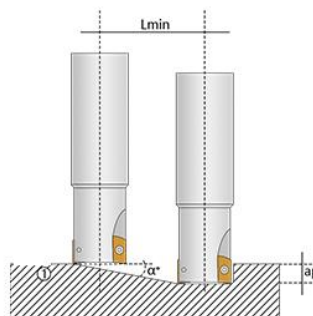
规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EAP300R-C10-D10-100L-1T	●	APMT1135	C10	D10	100L	1T
EAP300R-C10-D10-120L-1T	●	APMT1135	C10	D10	120L	1T
EAP300R-C10-D11-120L-1T	●	APMT1135	C10	D11	120L	1T
EAP300R-C12-D12-130L-1T	●	APMT1135	C12	D12	130L	1T
EAP300R-C12-D12-150L-1T	●	APMT1135	C12	D12	150L	1T
EAP300R-C12-D13-130L-1T	●	APMT1135	C12	D13	130L	1T
EAP300R-C12-D13-150L-1T	●	APMT1135	C12	D13	150L	1T
EAP300R-C14-D14-120L-2T	●	APMT1135	C14	D14	120L	2T
EAP300R-C14-D14-160L-2T	●	APMT1135	C14	D14	160L	2T
EAP300R-C14-D15-160L-2T	●	APMT1135	C14	D15	160L	2T
EAP300R-C15-D16-120L-2T	●	APMT1135	C15	D16	120L	2T
EAP300R-C15-D16-160L-2T	●	APMT1135	C15	D16	160L	2T
EAP300R-C15-D16-200L-2T	●	APMT1135	C15	D16	200L	2T
EAP300R-C15.6-D16-160L-2T	●	APMT1135	C15.6	D16	160L	2T
EAP300R-C15.6-D16-200L-2T	●	APMT1135	C15.6	D16	200L	2T
EAP300R-C16-D16-120L-2T	●	APMT1135	C16	D16	120L	2T
EAP300R-C16-D16-160L-2T	●	APMT1135	C16	D16	160L	2T
EAP300R-C16-D16-200L-2T	●	APMT1135	C16	D16	200L	2T
EAP300R-C16-D17-120L-2T	●	APMT1135	C16	D17	120L	2T
EAP300R-C16-D17-160L-2T	●	APMT1135	C16	D17	160L	2T
EAP300R-C16-D17-200L-2T	●	APMT1135	C16	D17	200L	2T
EAP300R-C16-D18-160L-2T	●	APMT1135	C16	D18	160L	2T
EAP300R-C16-D18-200L-2T	●	APMT1135	C16	D18	200L	2T
EAP300R-C19-D19-160L-2T	●	APMT1135	C19	D19	160L	2T
EAP300R-C19-D19-200L-2T	●	APMT1135	C19	D19	200L	2T
EAP300R-C19-D20-120L-2T	●	APMT1135	C19	D20	120L	2T
EAP300R-C19-D20-160L-2T	●	APMT1135	C19	D20	160L	2T
EAP300R-C19-D20-200L-2T	●	APMT1135	C19	D20	200L	2T
EAP300R-C20-D20-120L-2T	●	APMT1135	C20	D20	120L	2T
EAP300R-C20-D20-160L-2T	●	APMT1135	C20	D20	160L	2T
EAP300R-C20-D20-200L-2T	●	APMT1135	C20	D20	200L	2T
EAP300R-C20-D21-120L-2T	●	APMT1135	C20	D21	120L	2T
EAP300R-C20-D21-160L-2T	●	APMT1135	C20	D21	160L	2T
EAP300R-C20-D21-200L-2T	●	APMT1135	C20	D21	200L	2T
EAP300R-C20-D20-160L-3T	●	APMT1135	C20	D20	160L	3T



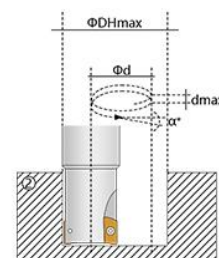
规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EAP300R-C20-D20-200L-3T	●	APMT1135	C20	D20	200L	3T
EAP300R-C20-D21-160L-3T	●	APMT1135	C20	D21	160L	3T
EAP300R-C20-D21-200L-3T	●	APMT1135	C20	D21	200L	3T
EAP300R-C20-D22-160L-3T	●	APMT1135	C20	D22	160L	3T
EAP300R-C20-D22-200L-3T	●	APMT1135	C20	D22	200L	3T
EAP300R-C20-D23-160L-3T	●	APMT1135	C20	D23	160L	3T
EAP300R-C20-D23-200L-3T	●	APMT1135	C20	D23	200L	3T
EAP300R-C24-D24-150L-3T	●	APMT1135	C24	D24	150L	3T
EAP300R-C24-D24-160L-3T	●	APMT1135	C24	D24	160L	3T
EAP300R-C24-D25-150L-3T	●	APMT1135	C24	D25	150L	3T
EAP300R-C24-D25-200L-3T	●	APMT1135	C24	D25	200L	3T
EAP300R-C25-D25-150L-3T	●	APMT1135	C25	D25	150L	3T
EAP300R-C25-D25-200L-3T	●	APMT1135	C25	D25	200L	3T
EAP300R-C25-D25-250L-3T	●	APMT1135	C25	D25	250L	3T
EAP300R-C25-D26-200L-3T	●	APMT1135	C25	D26	200L	3T
EAP300R-C25-D30-150L-4T	●	APMT1135	C25	D30	150L	4T
EAP300R-C25-D30-200L-4T	●	APMT1135	C25	D30	200L	4T

- 1, 斜坡加工
- 2, 槽切加工
- 3, 清角加工

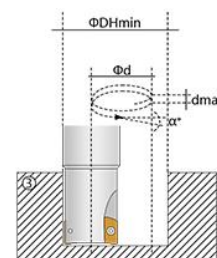
*注: 本款刀杆适合工件平面、直角清角台阶面及开槽加工。侧刃加工时带有斜度(介意者慎拍)。



斜坡加工



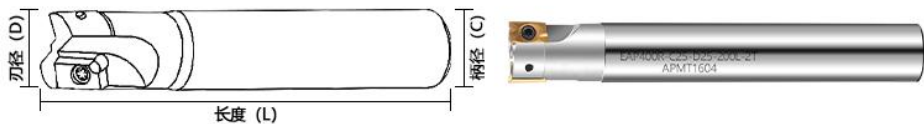
槽切加工



清角加工

● Mark: Standard stock item,
No mark: Made to order item.

○●表示库存 ○表示库存预制品



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EAP400R-C24-D25-160L-2T	●	APMT1604	C24	D25	160L	2T
EAP400R-C24-D25-200L-2T	●	APMT1604	C24	D25	200L	2T
EAP400R-C25-D25-160L-2T	●	APMT1604	C25	D25	160L	2T
EAP400R-C25-D25-200L-2T	●	APMT1604	C25	D25	200L	2T
EAP400R-C25-D26-160L-2T	●	APMT1604	C25	D26	160L	2T
EAP400R-C25-D26-200L-2T	●	APMT1604	C25	D26	200L	2T
EAP400R-C25-D26-250L-2T	●	APMT1604	C25	D26	250L	2T
EAP400R-C20-D30-150L-2T	●	APMT1604	C20	D30	150L	2T
EAP400R-C25-D30-150L-2T	●	APMT1604	C25	D30	150L	2T
EAP400R-C25-D30-200L-2T	●	APMT1604	C25	D30	200L	2T
EAP400R-C25-D32-150L-2T	●	APMT1604	C25	D32	150L	2T
EAP400R-C25-D32-200L-2T	●	APMT1604	C25	D32	200L	2T
EAP400R-C32-D32-150L-3T	●	APMT1604	C32	D32	150L	3T
EAP400R-C32-D32-200L-3T	●	APMT1604	C32	D32	200L	3T
EAP400R-C32-D32-250L-3T	●	APMT1604	C32	D32	250L	3T
EAP400R-C32-D33-150L-3T	●	APMT1604	C32	D33	150L	3T
EAP400R-C32-D33-200L-3T	●	APMT1604	C32	D33	200L	3T
EAP400R-C32-D33-250L-3T	●	APMT1604	C32	D33	250L	3T
EAP400R-C32-D35-150L-3T	●	APMT1604	C32	D35	150L	3T
EAP400R-C32-D35-200L-3T	●	APMT1604	C32	D35	200L	3T
EAP400R-C32-D35-250L-3T	●	APMT1604	C32	D35	250L	3T
EAP400R-C32-D40-150L-3T	●	APMT1604	C32	D40	150L	3T
EAP400R-C32-D40-200L-3T	●	APMT1604	C32	D40	200L	3T
EAP400R-C32-D40-300L-3T	●	APMT1604	C32	D40	300L	3T

● Mark:Standard stock item,
No mark:Made to order item.

○●表示库存 ○表示库存预定品



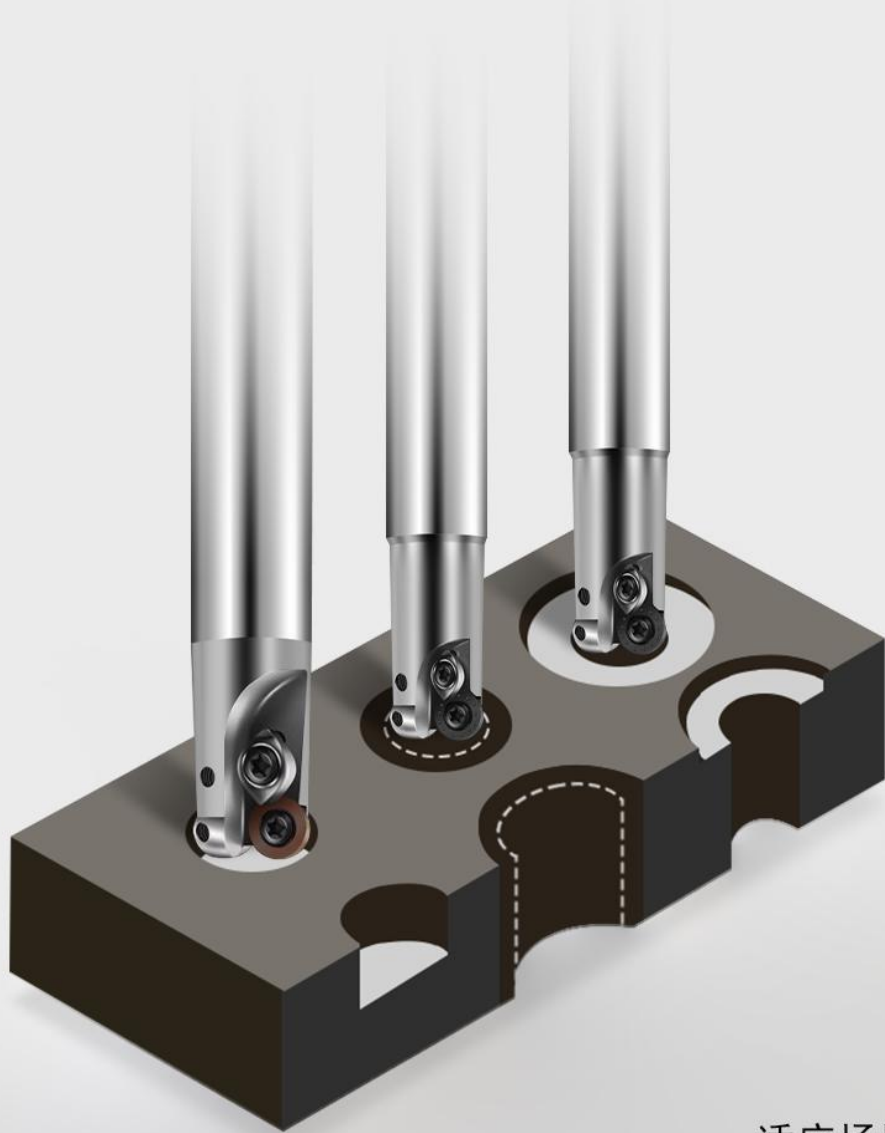
三角定位稳固刀片



螺丝紧固刀片



紧密贴合精密度高



适应场景



粗加工



精加工



挖槽加工



凹形槽加工



台阶面加工



仿形加工

EMR4R圆鼻铣刀杆

EMR SERIES
4R-CUTTER BAR



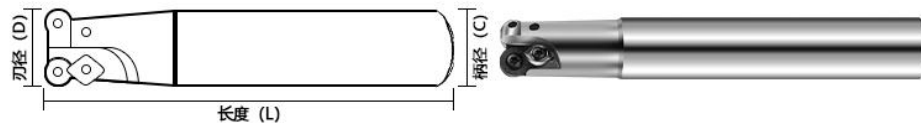
M3.7



4R压块



T8板手



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EMR4R-C10-10-120-1T	●	RPMT0802MO	C10	10	120	1T
EMR4R-C12-12-130-1T	●	RPMT0802MO	C12	12	130	1T
EMR4R-C12-13-130-1T	●	RPMT0802MO	C12	13	130	1T
EMR4R-C16-16-120-2T	●	RPMT0802MO	C16	16	120	2T
EMR4R-C16-16-160-2T	●	RPMT0802MO	C16	16	160	2T
EMR4R-C16-16-200-2T	●	RPMT0802MO	C16	16	200	2T
EMR4R-C16-17-120-2T	●	RPMT0802MO	C16	17	120	2T
EMR4R-C16-17-160-2T	●	RPMT0802MO	C16	17	160	2T
EMR4R-C16-17-200-2T	●	RPMT0802MO	C16	17	200	2T
EMR4R-C19-20-150-2T	●	RPMT0802MO	C19	20	150	2T
EMR4R-C19-20-200-2T	●	RPMT0802MO	C19	20	200	2T
EMR4R-C19-20-250-2T	●	RPMT0802MO	C19	20	250	2T
EMR4R-C20-20-150-2T	●	RPMT0802MO	C20	20	150	2T
EMR4R-C20-20-200-2T	●	RPMT0802MO	C20	20	200	2T
EMR4R-C20-20-250-2T	●	RPMT0802MO	C20	20	250	2T
EMR4R-C20-21-150-2T	●	RPMT0802MO	C20	21	150	2T
EMR4R-C20-21-200-2T	●	RPMT0802MO	C20	21	200	2T
EMR4R-C20-21-250-2T	●	RPMT0802MO	C20	21	250	2T

● Mark: Standard stock item,
No mark: Made to order item.

● 表示库存 ○ 表示库存预定品

铣刀杆系列

CUTTER ARBOR

EMR5R圆鼻铣刀杆

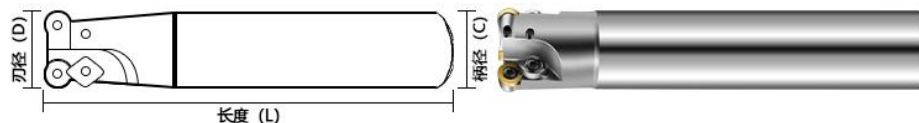
EMR SERIES
5R-CUTTER BAR



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EMR5R-C19-20-150-2T	●	RPMT1003MO	C19	20	150	2T
EMR5R-C19-20-200-2T	●	RPMT1003MO	C19	20	200	2T
EMR5R-C19-20-250-2T	●	RPMT1003MO	C19	20	250	2T
EMR5R-C20-20-150-2T	●	RPMT1003MO	C20	20	150	2T
EMR5R-C20-20-200-2T	●	RPMT1003MO	C20	20	200	2T
EMR5R-C20-20-250-2T	●	RPMT1003MO	C20	20	250	2T
EMR5R-C20-21-150-2T	●	RPMT1003MO	C20	21	150	2T
EMR5R-C20-21-200-2T	●	RPMT1003MO	C20	21	200	2T
EMR5R-C20-21-250-2T	●	RPMT1003MO	C20	21	250	2T
EMR5R-C20-25-150-2T	●	RPMT1003MO	C20	25	150	2T
EMR5R-C20-25-200-2T	●	RPMT1003MO	C20	25	200	2T
EMR5R-C20-25-250-2T	●	RPMT1003MO	C20	25	250	2T
EMR5R-C24-25-150-2T	●	RPMT1003MO	C24	25	150	2T
EMR5R-C24-25-200-2T	●	RPMT1003MO	C24	25	200	2T
EMR5R-C24-25-250-2T	●	RPMT1003MO	C24	25	250	2T
EMR5R-C25-25-150-2T	●	RPMT1003MO	C25	25	150	2T
EMR5R-C25-25-200-2T	●	RPMT1003MO	C25	25	200	2T
EMR5R-C25-25-250-2T	●	RPMT1003MO	C25	25	250	2T
EMR5R-C25-26-150-2T	●	RPMT1003MO	C25	26	150	2T
EMR5R-C25-26-200-2T	●	RPMT1003MO	C25	26	200	2T
EMR5R-C25-26-250-2T	●	RPMT1003MO	C25	26	250	2T
EMR5R-C25-30-150-2T	●	RPMT1003MO	C25	30	150	2T
EMR5R-C25-30-200-2T	●	RPMT1003MO	C25	30	200	2T
EMR5R-C25-30-250-2T	●	RPMT1003MO	C25	30	250	2T
EMR5R-C32-35-150-3T	●	RPMT1003MO	C32	35	150	3T
EMR5R-C32-35-200-3T	●	RPMT1003MO	C32	35	200	3T
EMR5R-C32-35-250-3T	●	RPMT1003MO	C32	35	250	3T
EMR5R-C32-40-150-3T	●	RPMT1003MO	C32	40	150	3T
EMR5R-C32-40-200-3T	●	RPMT1003MO	C32	40	200	3T
EMR5R-C32-40-250-3T	●	RPMT1003MO	C32	40	250	3T
EMR5R-C20-30-110-2T	●	RPMT1003MO	C20	30	110	2T
EMR5R-C20-50-70-3T	●	RPMT1003MO	C20	50	70	3T
EMR5R-C20-80-70-4T	●	RPMT1003MO	C20	80	70	4T

EMRW6R圆鼻铣刀杆

EMRW SERIES
6R-CUTTER BAR



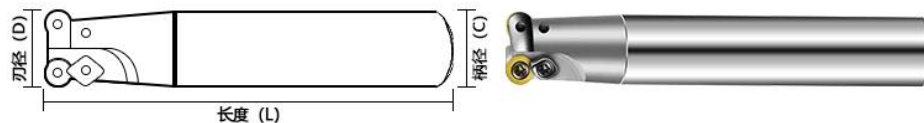
规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
EMRW6R-C25-25-150-2T	●	RPMT1204MO	C25	25	150	2T
EMRW6R-C25-25-200-2T	●	RPMT1204MO	C25	25	200	2T
EMRW6R-C25-30-150-2T	●	RPMT1204MO	C25	30	150	2T
EMRW6R-C25-30-200-2T	●	RPMT1204MO	C25	30	200	2T
EMRW6R-C25-30-250-2T	●	RPMT1204MO	C25	30	250	2T
EMRW6R-C25-32-150-2T	●	RPMT1204MO	C25	32	150	2T
EMRW6R-C25-32-200-2T	●	RPMT1204MO	C25	32	200	2T
EMRW6R-C25-32-250-2T	●	RPMT1204MO	C25	32	250	2T
EMRW6R-C32-32-150-2T	●	RPMT1204MO	C32	32	150	2T
EMRW6R-C32-32-200-2T	●	RPMT1204MO	C32	32	200	2T
EMRW6R-C32-32-250-2T	●	RPMT1204MO	C32	32	250	2T
EMRW6R-C32-33-150-3T	●	RPMT1204MO	C32	33	150	2T
EMRW6R-C32-33-200-3T	●	RPMT1204MO	C32	33	200	2T
EMRW6R-C32-33-250-3T	●	RPMT1204MO	C32	33	250	2T
EMRW6R-C32-35-150-3T	●	RPMT1204MO	C32	35	150	3T
EMRW6R-C32-35-200-3T	●	RPMT1204MO	C32	35	200	3T
EMRW6R-C32-35-250-3T	●	RPMT1204MO	C32	35	250	3T
EMRW6R-C32-40-150-3T	●	RPMT1204MO	C32	40	150	3T
EMRW6R-C32-40-200-3T	●	RPMT1204MO	C32	40	200	3T
EMRW6R-C32-40-250-3T	●	RPMT1204MO	C32	40	250	3T

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○ 表示库存预定品

TRS4R/6R圆鼻立铣刀杆

TRS SERIES
4R/6R-CUTTER BAR

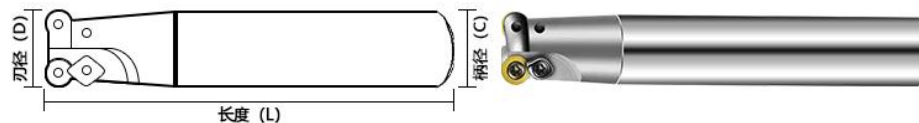


规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
TRS4R-C10-10-120-1T	●	RDMT0802MO	C10	10	120	1T
TRS4R-C12-12-130-1T	●	RDMT0802MO	C12	12	130	1T
TRS4R-C12-13-130-1T	●	RDMT0802MO	C12	13	130	1T
TRS4R-C16-16-120-2T	●	RDMT0802MO	C16	16	120	2T
TRS4R-C16-16-160-2T	●	RDMT0802MO	C16	16	160	2T
TRS4R-C16-16-200-2T	●	RDMT0802MO	C16	16	200	2T
TRS4R-C16-17-120-2T	●	RDMT0802MO	C16	17	120	2T
TRS4R-C16-17-160-2T	●	RDMT0802MO	C16	17	160	2T
TRS4R-C16-17-200-2T	●	RDMT0802MO	C16	17	200	2T
TRS4R-C19-20-150-2T	●	RDMT0802MO	C19	20	150	2T
TRS4R-C19-20-200-2T	●	RDMT0802MO	C19	20	200	2T
TRS4R-C20-20-150-2T	●	RDMT0802MO	C20	20	150	2T
TRS4R-C20-20-200-2T	●	RDMT0802MO	C20	20	200	2T
TRS4R-C20-20-250-2T	●	RDMT0802MO	C20	20	250	2T
TRS4R-C20-21-150-2T	●	RDMT0802MO	C20	21	150	2T
TRS4R-C20-21-200-2T	●	RDMT0802MO	C20	21	200	2T

规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
TRS6R-C25-30-150-2T	●	RDMT1204MO	C25	30	150	2T
TRS6R-C25-30-200-2T	●	RDMT1205MO	C25	30	200	2T
TRS6R-C25-32-150-2T	●	RDMT1207MO	C25	32	150	2T
TRS6R-C25-32-200-2T	●	RDMT1208MO	C25	32	200	2T
TRS6R-C32-32-150-2T	●	RDMT1210MO	C32	32	150	2T
TRS6R-C32-32-200-2T	●	RDMT1211MO	C32	32	200	2T
TRS6R-C32-33-150-2T	●	RDMT1214MO	C32	33	150	2T
TRS6R-C32-33-200-2T	●	RDMT1215MO	C32	33	200	2T
TRS6R-C32-35-150-2T	●	RDMT1218MO	C32	35	150	2T
TRS6R-C32-35-200-2T	●	RDMT1219MO	C32	35	200	2T
TRS6R-C32-40-150-3T	●	RDMT1226MO	C32	40	150	3T
TRS6R-C32-40-200-3T	●	RDMT1227MO	C32	40	200	3T

TRS5R圆鼻立铣刀杆

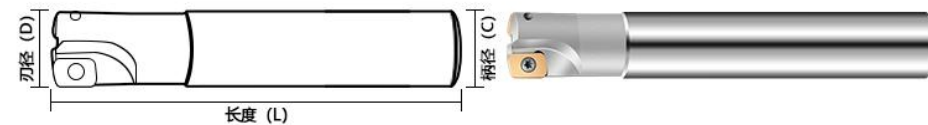
TRS SERIES
5R-CUTTER BAR



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
TRS5R-C19-20-150-2T	●	RDMT10T3	C19	20	150	2T
TRS5R-C19-20-200-2T	●	RDMT10T3	C19	20	200	2T
TRS5R-C20-20-150-2T	●	RDMT10T3	C20	20	150	2T
TRS5R-C20-20-200-2T	●	RDMT10T3	C20	20	200	2T
TRS5R-C20-21-150-2T	●	RDMT10T3	C20	21	150	2T
TRS5R-C20-21-200-2T	●	RDMT10T3	C20	21	200	2T
TRS5R-C20-25-150-2T	●	RDMT10T3	C20	25	150	2T
TRS5R-C20-25-200-2T	●	RDMT10T3	C20	25	200	2T
TRS5R-C24-25-150-2T	●	RDMT10T3	C24	25	150	2T
TRS5R-C24-25-200-2T	●	RDMT10T3	C24	25	200	2T
TRS5R-C25-25-150-2T	●	RDMT10T3	C25	25	150	2T
TRS5R-C25-25-200-2T	●	RDMT10T3	C25	25	200	2T
TRS5R-C25-26-150-2T	●	RDMT10T3	C25	26	150	2T
TRS5R-C25-26-200-2T	●	RDMT10T3	C25	26	200	2T
TRS5R-C25-30-150-2T	●	RDMT10T3	C25	30	150	2T
TRS5R-C25-30-200-2T	●	RDMT10T3	C25	30	200	2T
TRS5R-C32-35-150-3T	●	RDMT10T3	C32	35	150	3T
TRS5R-C32-35-200-3T	●	RDMT10T3	C32	35	200	3T
TRS5R-C32-40-150-3T	●	RDMT10T3	C32	40	150	3T
TRS5R-C32-40-200-3T	●	RDMT10T3	C32	40	200	3T

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○表示库存预定品

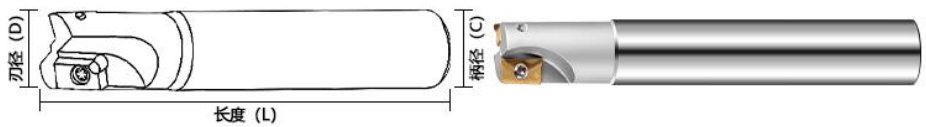


规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
ASR06-C16-16-120-2T	●	EPNW0603	C16	16	120	2T
ASR06-C16-16-150-2T	●	EPNW0603	C16	16	150	2T
ASR06-C16-16-200-2T	●	EPNW0603	C16	16	200	2T
ASR06-C16-17-120-2T	●	EPNW0603	C16	17	1050	2T
ASR06-C16-17-150-2T	●	EPNW0603	C16	17	200	2T
ASR06-C16-17-200-2T	●	EPNW0603	C16	17	200	2T
ASR06-C19-20-150-2T	●	EPNW0603	C19	20	150	2T
ASR06-C19-20-200-2T	●	EPNW0603	C19	20	200	2T
ASR06-C20-20-150-3T	●	EPNW0603	C20	20	150	3T
ASR06-C20-20-200-3T	●	EPNW0603	C20	20	200	3T
ASR06-C20-21-150-3T	●	EPNW0603	C20	21	150	3T
ASR06-C20-21-200-3T	●	EPNW0603	C20	21	200	3T
ASR06-C24-25-150-3T	●	EPNW0603	C24	25	150	3T
ASR06-C24-25-200-3T	●	EPNW0603	C24	25	200	3T
ASR06-C24-25-250-3T	●	EPNW0603	C24	25	250	3T
ASR06-C25-25-150-3T	●	EPNW0603	C25	25	150	3T
ASR06-C25-25-200-3T	●	EPNW0603	C25	25	200	3T
ASR06-C25-25-250-3T	●	EPNW0603	C25	25	250	3T
ASR06-C25-26-150-3T	●	EPNW0603	C25	26	150	3T
ASR06-C25-26-200-3T	●	EPNW0603	C25	26	200	3T
ASR06-C25-26-250-3T	●	EPNW0603	C25	26	250	3T
ASR06-C25-30-150-4T	●	EPNW0603	C25	30	150	4T
ASR06-C25-30-200-4T	●	EPNW0603	C25	30	200	4T
ASR06-C25-30-250-4T	●	EPNW0603	C25	30	250	4T
ASR06-C32-32-150-4T	●	EPNW0603	C32	32	150	4T
ASR06-C32-32-200-4T	●	EPNW0603	C32	32	200	4T
ASR06-C32-32-250-4T	●	EPNW0603	C32	32	250	4T
ASR06-C32-33-150-4T	●	EPNW0603	C32	33	150	4T
ASR06-C32-33-200-4T	●	EPNW0603	C32	33	200	4T
ASR06-C32-33-250-4T	●	EPNW0603	C32	33	250	4T
ASR06-C32-35-150-4T	●	EPNW0603	C32	35	150	4T
ASR06-C32-35-200-4T	●	EPNW0603	C32	35	200	4T
ASR06-C32-35-250-4T	●	EPNW0603	C32	35	250	4T
ASR06-C32-40-150-4T	●	EPNW0603	C32	40	150	4T
ASR06-C32-40-200-4T	●	EPNW0603	C32	40	200	4T
ASR06-C32-40-250-4T	●	EPNW0603	C32	40	250	4T



R390精铣刀杆

R390 SERIES
CUTTER BAR



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	总长 L	刃数 Blade count
R390-C15-16-150-2T	●	R39011T308	C15	16	150	2T
R390-C15-16-200-2T	●	R39011T308	C15	16	200	2T
R390-C16-16-150-2T	●	R39011T308	C16	16	150	2T
R390-C16-16-200-2T	●	R39011T308	C16	16	200	2T
R390-C16-16-250-2T	●	R39011T308	C16	16	250	2T
R390-C16-17-200-2T	●	R39011T308	C16	17	200	2T
R390-C19-20-150-2T	●	R39011T308	C19	20	150	2T
R390-C19-20-200-2T	●	R39011T308	C19	20	200	2T
R390-C20-20-150-2T	●	R39011T308	C20	20	150	2T
R390-C20-20-200-2T	●	R39011T308	C20	20	200	2T
R390-C20-21-150-2T	●	R39011T308	C20	21	150	2T
R390-C20-21-200-2T	●	R39011T308	C20	21	200	2T
R390-C24-25-150-2T	●	R39011T308	C24	25	150	2T
R390-C24-25-200-2T	●	R39011T308	C24	25	200	2T
R390-C25-25-150-2T	●	R39011T308	C25	25	150	2T
R390-C25-25-200-2T	●	R39011T308	C25	25	200	2T
R390-C25-26-150-2T	●	R39011T308	C25	26	150	2T
R390-C25-26-200-2T	●	R39011T308	C25	26	200	2T
R390-C29-30-150-2T	●	R39011T308	C29	30	150	2T
R390-C29-30-200-2T	●	R39011T308	C29	30	200	2T
R390-C32-33-150-2T	●	R39011T308	C32	33	150	2T
R390-C32-33-200-2T	●	R39011T308	C32	33	200	2T
R390-C32-35-150-2T	●	R39011T308	C32	35	150	2T
R390-C32-35-200-2T	●	R39011T308	C32	35	200	2T

● Mark: Standard stock item,
No mark: Made to order item.

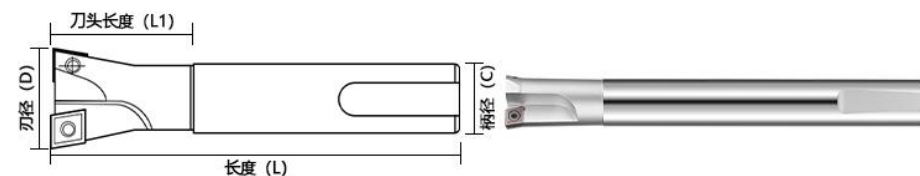
● 表示库存 ○ 表示库存预定品

铣刀杆系列

CUTTER ARBOR

ST固定式粗镗刀

ST SERIES
CUTTER BAR



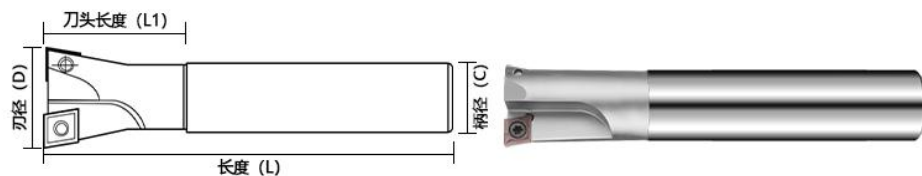
规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	刀头长度 L1	总长 L	刃数 Blade count
ST-11.7-145-C25-2T	●	CCMT060204	25	11.7	80	145	2
ST-14.7-154-C25-2T	●		25	14.7	90	154	2
ST-15.7-155-C25-2T	●		25	15.7	90	155	2
ST-19.7-183-C25-2T	●		25	19.7	120	183	2
ST-24.7-190-C25-2T	●	CCMT09T304	25	24.7	130	190	2
ST-29.7-220-C25-2T	●		25	29.7	160	220	2
ST-34.7-240-C32-2T	●		32	34.7	180	240	2
ST-39.7-240-C32-2T	●		32	39.7	180	240	2
ST-41.7-240-C32-2T	●		32	41.7	180	240	2
ST-44.7-250-C40-2T	●		40	44.7	180	250	2
ST-47.7-250-C40-2T	●		40	47.7	180	250	2
ST-49.7-270-C40-2T	●		40	49.7	200	270	2
ST-54.7-270-C40-2T	●		40	54.7	180	270	2
ST-59.7-250-C40-2T	●		40	59.7	180	250	2
ST-64.7-250-C40-2T	●	CCMT120408	40	64.7	180	250	2
ST-69.7-250-C40-2T	●		40	69.7	180	250	2
ST-17-120-C25-2T	●	CCNT06204	25	17	60	120	2
ST-20-120-C25-2T	●		25	20	60	120	2
ST-26-150-C25-2T	●	CCMT09T304	25	26	90	150	2
ST-32-150-C32-2T	●		32	32	90	150	2
ST-38-200-C32-2T	●		32	38	200	200	2
ST-48-200-C40-2T	●		40	48	200	200	2

● Mark: Standard stock item.
No mark: Made to order item.

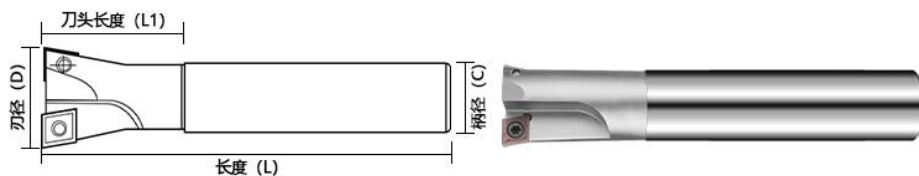
○● 表示库存 ○ 表示库存预定品

铣刀杆系列

CUTTER ARBOR



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	刀头长度 L1	总长 L	刃数 Blade count
SB-C16-11.7-130-1T	●	CCMT060204	16	11.7	40	130	1
SB-C16-12.7-130-1T	●		16	12.7	40	130	1
SB-C16-13.7-130-1T	●		16	13.7	40	130	1
SB-C16-14.7-130-1T	●		16	14.7	40	130	1
SB-C16-15.7-130-2T	●		16	15.7	40	130	2
SB-C16-16.7-130-2T	●		16	16.7	40	130	2
SB-C16-17.7-130-2T	●		16	17.7	40	130	2
SB-C16-18.7-130-2T	●		16	18.7	40	130	2
SB-C16-19.7-150-2T	●		16	19.7	40	150	2
SB-C20-20.7-150-2T	●		20	20.7	40	150	2
SB-C20-21.7-150-2T	●		20	21.7	40	150	2
SB-C20-22.7-160-2T	●		20	22.7	40	160	2
SB-C20-23.7-160-2T	●		20	23.7	40	160	2
SB-C20-24.7-175-2T	●		20	24.7	40	175	2
SB-C25-20.7-150-2T	●		25	20.7	40	150	2
SB-C25-21.7-150-2T	●		25	21.7	40	150	2
SB-C25-22.7-160-2T	●		25	22.7	40	160	2
SB-C25-23.7-160-2T	●		25	23.7	40	160	2
SB-C25-24.7-175-2T	●	CCMT09T304	25	24.7	40	175	2
SB-C20-25.7-175-2T	●		20	25.7	40	175	2
SB-C20-26.7-185-2T	●		20	26.7	40	185	2
SB-C20-27.7-185-2T	●		20	27.7	40	185	2
SB-C25-25.7-175-2T	●		25	25.7	40	175	2
SB-C25-26.7-185-2T	●		25	26.7	40	185	2
SB-C25-27.7-185-2T	●		25	27.7	40	185	2
SB-C25-28.7-200-2T	●		25	28.7	50	200	2
SB-C25-29.7-200-2T	●		25	29.7	50	200	2
SB-C25-30.7-200-2T	●		25	30.7	50	200	2
SB-C25-31.7-220-2T	●		25	31.7	50	220	2



规格 Product midet	库存 store	刀片 blade	柄径 C	刃径 D	刀头长度 L1	总长 L	刃数 Blade count
SB-C25-32.7-220-2T	●	CCMT09T304	25	32.7	50	220	2
SB-C25-33.7-220-2T	●		25	33.7	50	220	2
SB-C25-34.7-240-2T	●		25	34.7	50	240	2
SB-C25-35.7-240-2T	●		25	35.7	50	240	2
SB-C25-36.7-240-2T	●		25	36.7	50	240	2
SB-C25-37.7-250-2T	●		25	37.7	50	250	2
SB-C25-38.7-250-2T	●		25	38.7	50	250	2
SB-C25-39.7-250-2T	●		25	39.7	50	250	2
SB-C32-40.7-250-2T	●		32	40.7	50	250	2
SB-C32-41.7-250-2T	●		32	41.7	50	250	2
SB-C32-42.7-250-2T	●		32	42.7	50	250	2
SB-C32-43.7-250-2T	●		32	43.7	50	250	2
SB-C32-44.7-250-2T	●		32	44.7	50	250	2
SB-C32-45.7-250-2T	●		32	45.7	50	250	2
SB-C32-46.7-250-2T	●		32	46.7	50	250	2
SB-C32-47.7-250-2T	●		32	47.7	50	250	2
SB-C32-48.7-250-2T	●		32	48.7	50	250	2
SB-C32-49.7-250-2T	●		32	49.7	50	250	2

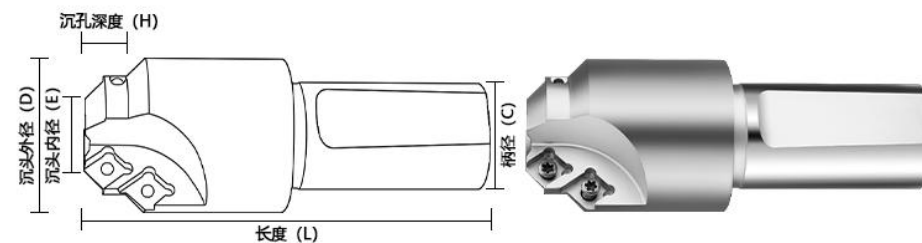


SB与GTB 刀杆有何区别？

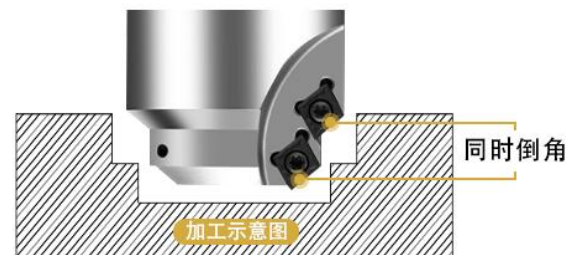
SB与GTB的区别，槽位不同，SB系列用夹持类刀柄，GTB用于侧固刀柄

CT导柱沉头刀

CT SERIES
CUTTER BAR



规格 Product midet	库存 store	刀片 blade	柄径 C	沉头内径 E	沉头外径 D	总长 L	沉孔深度 H	刃数 Blade count	螺丝 screw
CT-1218-6.5	●	CCMT060204	25	12	18	110	6.5	3	M2.5*6
CT-1521-6.5	●		25	15	21	120	6.5		
CT-1622-6.5	●		25	16	22	120	6.5		
CT-2026-6.5	●		25	20	26	120	6.5		
CT-2531-6.5	●	CCMT09T304	32	25	31	120	6.5	3	M4*9
CT-2531-8.5	●		32	25	31	120	8.5		
CT-2531-10.5	●		32	25	31	120	10.5		
CT-3036-8.5	●		32	30	36	120	8.5		
CT-3036-10.5	●		32	30	36	120	10.5		
CT-3541-8.5	●		32	35	41	120	8.5		
CT-3541-10.5	●		32	35	41	120	10.5		
CT-4046-10.5	●		32	40	46	120	10.5		
CT-4248-10.5	●		32	42	48	120	10.5		
CT-4552-10.5	●		32	45	52	120	10.5		
CT-4855-10.5	●		32	48	55	120	10.5		
CT-5057-12.5	●		32	50	57	120	12.5		
CT-5562-10.5	●		32	55	62	120	10.5		
CT-6067-15.5	●		40	60	67	130	15.5		
CT-7077-12.5	●		40	70	77	130	12.5		
CT-7077-15.5	●		40	70	77	130	15.5		
CT-8088-15.5	●		40	80	88	130	15.5		
CT-8088-20.5	●		40	80	88	130	20.5		
CT-9098-20.5	●		40	90	98	130	20.5		

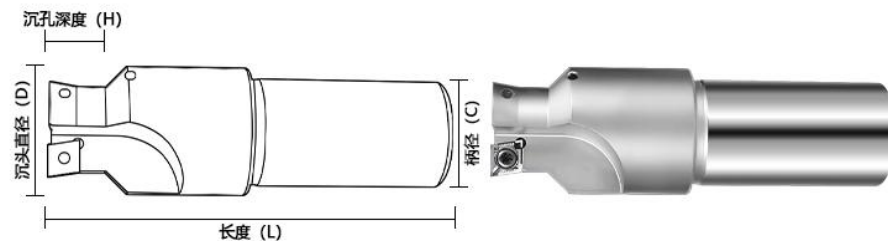


其主要用于加工导销孔
将导入沉入工件中

铣刀杆系列

CUTTER ARBOR

CH螺丝沉头刀



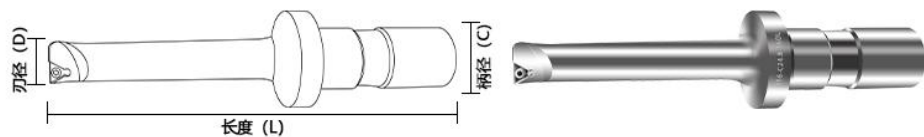
规格 Product midet	库存 store	刀片 blade	沉孔深度 H	沉头直径 D	柄径 C	总长 L	刃数 Blade count	螺丝 screw	扳手 Wrench
CH-M6-H7-D11-C20-110L-2T	●	CCMT060204	7	11	20	110	2	M2.5*6	T8
CH-M8-H9-D14-C20-110L-2T	●		9	14	20	110	2		
CH-M8-H9-D14-C25-110L-2T	●		9	14	25	110	2		
CH-M10-H11-D17-C20-110L-2T	●		11	17.5	20	110	2		
CH-M12-H13-D20-C25-110L-2T	●	CCMT09T304	13	20	25	110	2	M4*9	T15
CH-M14-H15-D23-C25-120L-2T	●		15	23	25	120	2	M4*9	T15
CH-M16-H17-D26-C25-120L-2T	●		17	26	25	120	2		
CH-M20-H21-D32-C32-120L-2T	●		21	32	32	120	2		
CH-M24-H25-D39-C32-120L-2T	●		25	39	32	120	2		
CH-M30-H32-D48-C40-120L-2T	●		32	48	40	120	2	M5*12	T20

螺丝沉头刀具的优点主要包括以下几个方面：

- 1. 提高加工效率：沉头螺丝刀具通常设计为一次性加工完成沉头孔和倒角，减少了多次装夹和加工的时间，提高了工作效率。
- 2. 节约成本：由于刀具的一次性加工完成多个步骤，减少了加工过程中的辅助时间和材料消耗，从而降低了生产成本。
- 3. 加工精度高：沉头螺丝刀具通常具有较高的精度和重复定位精度，保证了沉头孔和倒角的加工质量，满足了高精度连接的要求。
- 4. 操作简便：沉头螺丝刀具的设计考虑了操作便利性，通常只需要将刀具安装到相应的机床上，设置好参数即可进行加工，对操作人员的技术要求相对较低。
- 5. 适应性强：沉头螺丝刀具可以适用于多种材料和不同尺寸的沉头螺丝加工，具有一定的通用性。
- 6. 提高连接强度：沉头螺丝由于其特殊的头部设计，可以在连接件中提供更大的承载能力和抗剪切力，提高了连接的可靠性。
- 7. 外观美观：沉头螺丝头部沉入工件表面以下，使得工件表面更加平整，有利于提高产品的外观质量和整体价值。
- 8. 安全性：沉头螺丝设计减少了螺丝头部外露的部分，降低了使用过程中碰伤人或损坏

● Mark: Standard stock item,
No mark: Made to order item.

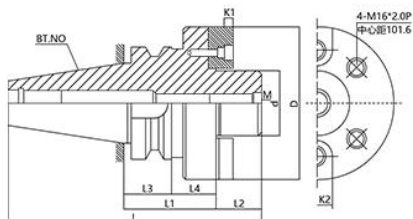
○● 表示库存 ○ 表示库存预定品



规格 Product midet	库存 store	柄径 C	刃径 D	总长 L
MG-12-80LR-PH	●	C24.8	D12	147L
MG16-85LR-PH	●	C24.8	D16	160L
MG18-110LR-PH	●	C24.8	D18	168L
MG20-103LR-PH	●	C24.8	D20	175L
MG25-200LR-PH	●	C24.8	D25	200L
MG30-25-220L	●	C24.8	D30	220L

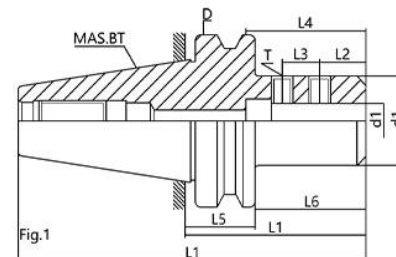


BT-FMA knife handle BT-FMA 平面铣刀柄



规格/型号 Model	L1	L	L2	L3	L4	d	D	K1	K2	四螺孔中心距 (PCD)	重量 KGS
BT40-FMA47.625-75L	75	172.4	25	27	48	47.625	128.5	12.5	25.4	101.6	5
BT50-FMA47.625-75L	75	208.8	25	38	37	47.625	128.5	12.5	25.4	101.6	8.5
BT50-FMA47.625-100L	100	233.8	25	38	62	47.625	128.5	12.5	25.4	101.6	10
BT50-FMA47.625-150L	150	283.8	25	38	112	47.625	128.5	12.5	25.4	101.6	13.5
BT50-FMA47.625-200L	200	333.8	25	38	162	47.625	128.5	12.5	25.4	101.6	16
BT50-FMA47.625-250L	250	383.8	25	38	212	47.625	128.5	12.5	25.4	101.6	19
BT50-FMA47.625-300L	300	433.8	25	38	262	47.625	128.5	12.5	25.4	101.6	24
BT50-FMA47.625-350L	350	483.8	25	38	312	47.625	128.5	12.5	25.4	101.6	28

BT-SLN Side fixed handle BT-SLN 侧固式刀柄



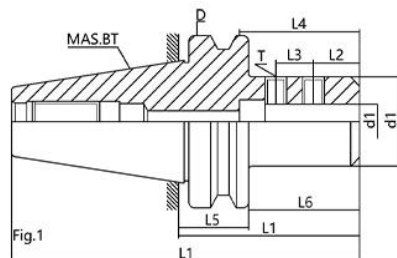
规格/型号 Model	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
BT30-SLN6-75L	6	25	—	123.4	75	12	10	50	27	48	46	M6	1	0.6
BT30-SLN8-75L	8	28	—	123.4	75	14	12	50	27	48	46	M8	1	0.65
BT30-SLN10-75L	10	32	—	123.4	75	15	15	55	27	48	46	M10	1	0.7
BT30-SLN12-75L	12	40	—	123.4	75	20	16	60	27	48	46	M10	1	0.75
BT30-SLN16-75L	16	45	—	123.4	75	22	18	60	27	48	46	M10	1	1.15
BT30-SLN16-90L	16	45	—	138.4	90	22	18	60	27	63	46	M10	1	1.2
BT30-SLN20-75L	20	50	—	123.4	75	25	20	70	27	48	46	M12	1	1.15
BT30-SLN20-90L	20	50	—	138.4	90	25	20	70	27	63	46	M12	1	1.2
BT30-SLN25-75L	25	55	—	123.4	75	24	25	70	27	48	46	M12	1	1.8
BT30-SLN25-90L	25	55	—	138.4	90	24	25	70	27	63	46	M12	1	1.9
BT40-SLN6-75L	6	25	—	140.4	75	12	10	50	27	48	63	M6	1	1.25
BT40-SLN8-75L	8	28	—	140.4	75	14	12	50	27	48	63	M8	1	1.3
BT40-SLN8-100L	8	28	—	165.4	100	14	12	50	27	73	63	M8	1	1.35
BT40-SLN10-75L	10	35	—	140.4	75	15	14	55	27	48	63	M10	1	1.3
BT40-SLN10-100L	10	35	—	165.4	100	15	14	55	27	73	63	M10	1	1.35
BT40-SLN12-75L	12	40	—	140.4	75	20	16	60	27	48	63	M10	1	1.32
BT40-SLN12-100L	12	40	—	165.4	100	20	16	60	27	73	63	M10	1	1.35
BT40-SLN16-75L	16	45	—	155.4	75	22	18	100	27	63	63	M12	1	1.5
BT40-SLN16-100L	16	45	—	165.4	100	22	18	100	27	73	63	M12	1	1.55
BT40-SLN16-150L	16	35	42	215.4	150	22	18	100	27	123	63	M10	2	1.7
BT40-SLN16-200L	16	35	42	265.4	200	22	18	100	27	173	63	M10	2	2
BT40-SLN20-75L	20	50	—	155.4	75	25	20	100	27	63	63	M12	1	1.6
BT40-SLN20-100L	20	50	—	165.4	100	25	20	100	27	73	63	M12	1	1.65
BT40-SLN20-150L	20	45	50	215.4	150	25	20	100	27	123	63	M12	2	1.8
BT40-SLN20-200L	20	45	50	265.4	200	25	20	100	27	173	63	M12	2	2
BT40-SLN25-75L	25	55	—	155.4	75	24	25	110	27	63	63	M12	1	2.5
BT40-SLN25-100L	25	55	—	165.4	100	24	25	110	27	73	63	M12	1	2.6
BT40-SLN25-150L	25	45	50	215.4	150	24	25	110	27	123	63	M12	2	2.8
BT40-SLN25-200L	25	45	50	265.4	200	24	25	110	27	173	63	M12	2	3
BT40-SLN32-100L	32	65	—	165.4	100	24	28	120	27	73	63	M16	1	2.75
BT40-SLN32-150L	32	52	57	215.4	150	24	28	120	27	123	63	M16	2	3
BT40-SLN32-200L	32	52	57	265.4	200	24	28	120	27	173	63	M16	2	3.2
BT40-SLN40-105L	40	80	—	170.4	105	30	32	120	27	78	63	M20	1	3.5
BT40-SLN40-150L	40	80	—	215.4	150	30	32	120	27	123	63	M20	1	4
BT40-SLN42-110L	42	80	—	175.4	110	30	32	120	27	83	63	M20	1	3.8

特点/Feature

- ◎ 本體錐柄規格: JIS MAS 403 BT
- ◎ 孔徑公差 H5
- ◎ 不分孔徑都為兩個螺釘固定
- ◎ 剛性夾持, 用于重切削
- ◎ 裝入刀具時, 刀具的槽口平面部分與刀柄的側面螺釘封齊, 強力鎖緊
- ◎ 拉釘須另行購買

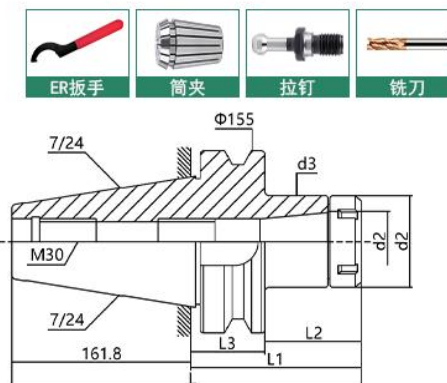
- ◎ Spindle conicity standard: JIS MAS 403 BT.
- ◎ Aperture tolerance: H5.
- ◎ End mill are held by one or two set screws.
- ◎ Used for remachining with rigidly grip.
- ◎ Face mill chuck used to be the holder of cutting tools.
- ◎ When attaching cutting tools, with strong side aligned lock between the plane of the part and notch solid screws.
- ◎ The pull stud must purchase alone.

BT-SLN Side fixed handle BT-SLN 侧固式刀柄

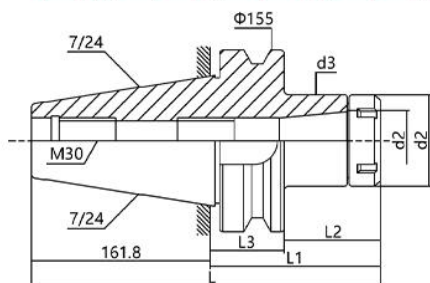


规格/型号 Model	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
BT50-SLN6-100L	6	25	—	201.8	100	12	10	50	38	62	100	M6	1	4.1
BT50-SLN8-100L	8	28	—	201.8	100	14	12	50	38	62	100	M8	1	4.15
BT50-SLN10-100L	10	35	—	201.8	100	15	14	55	38	62	100	M10	1	4.15
BT50-SLN12-100L	12	40	—	201.8	100	20	16	60	38	62	100	M10	1	4.15
BT50-SLN16-100L	16	45	—	201.8	100	22	18	100	38	62	100	M10	1	4.15
BT50-SLN16-150L	16	35	42	251.8	150	22	18	100	38	112	100	M10	2	5
BT50-SLN16-200L	16	35	42	301.8	200	22	18	100	38	162	100	M10	2	6.8
BT50-SLN16-250L	16	35	42	351.8	250	22	18	100	38	212	100	M10	2	7
BT50-SLN16-300L	16	35	42	401.8	300	22	18	100	38	262	100	M10	2	7.5
BT50-SLN20-100L	20	50	—	201.8	100	25	20	100	38	62	100	M12	1	4.8
BT50-SLN20-150L	20	45	50	251.8	150	25	20	100	38	112	100	M12	2	5.8
BT50-SLN20-200L	20	45	50	301.8	200	25	20	100	38	162	100	M12	2	6.9
BT50-SLN20-250L	20	45	50	351.8	250	25	20	100	38	212	100	M12	2	7.3
BT50-SLN20-300L	20	45	50	401.8	300	25	20	100	38	262	100	M12	2	7.8
BT50-SLN25-100L	25	60	—	201.8	100	24	25	110	38	62	100	M12	1	5.5
BT50-SLN25-150L	25	45	50	251.8	150	24	25	110	38	112	100	M12	2	6
BT50-SLN25-200L	25	45	50	301.8	200	24	25	110	38	162	100	M12	2	7
BT50-SLN25-250L	25	45	50	351.8	250	24	25	110	38	212	100	M12	2	7.5
BT50-SLN25-300L	25	45	50	401.8	300	24	25	110	38	262	100	M12	2	8
BT50-SLN25-350L	25	45	50	451.8	350	24	25	110	38	312	100	M12	2	8.5
BT50-SLN32-105L	32	65	—	206.8	105	24	28	120	38	67	100	M16	1	8
BT50-SLN32-150L	32	52	57	251.8	150	24	28	120	38	112	100	M16	2	6.5
BT50-SLN32-200L	32	52	57	301.8	200	24	28	120	38	162	100	M16	2	7.5
BT50-SLN32-250L	32	52	57	351.8	250	24	28	120	38	212	100	M16	2	8
BT50-SLN32-300L	32	52	57	401.8	300	24	28	120	38	262	100	M16	2	8.5
BT50-SLN32-350L	32	52	57	451.8	350	24	28	120	38	312	100	M16	2	9
BT50-SLN40-115L	40	80	—	216.8	115	30	32	120	38	77	100	M20	1	6.6
BT50-SLN40-150L	40	65	72	251.8	150	30	32	120	38	112	100	M16	2	7
BT50-SLN40-200L	40	65	72	301.8	200	30	32	120	38	162	100	M16	2	7.5
BT50-SLN40-250L	40	65	72	351.8	250	30	32	120	38	212	100	M16	2	8
BT50-SLN40-300L	40	65	72	401.8	300	30	32	120	38	262	100	M16	2	8.5
BT50-SLN40-350L	40	65	72	451.8	350	30	32	120	38	312	100	M16	2	9
BT50-SLN42-120L	42	80	—	221.8	120	30	32	120	38	82	100	M20	1	6.5
BT50-SLN42-150L	42	80	—	251.8	150	30	32	120	38	112	100	M20	1	7.5
BT50-SLN42-200L	42	80	—	301.8	200	30	32	120	38	162	100	M20	1	8.5
BT50-SLN50-120L	50	90	—	221.8	120	35	35	120	38	82	100	M20	1	7.2
BT50-SLN50-150L	50	90	—	251.8	150	35	35	120	38	112	100	M20	1	8.5
BT50-SLN50-200L	50	90	—	301.8	200	35	35	120	38	162	100	M20	1	9.5
BT50-SLN50.8-120L	50.8	90	—	221.8	120	35	35	120	38	82	100	M20	1	7.3
BT50-SLN50.8-150L	50.8	90	—	251.8	150	35	35	120	38	112	100	M20	1	8.5
BT50-SLN50.8-200L	50.8	90	—	301.8	200	35	35	120	38	162	100	M20	1	9.5

BT-ER collet chuck BT-ER弹性筒夹刀柄



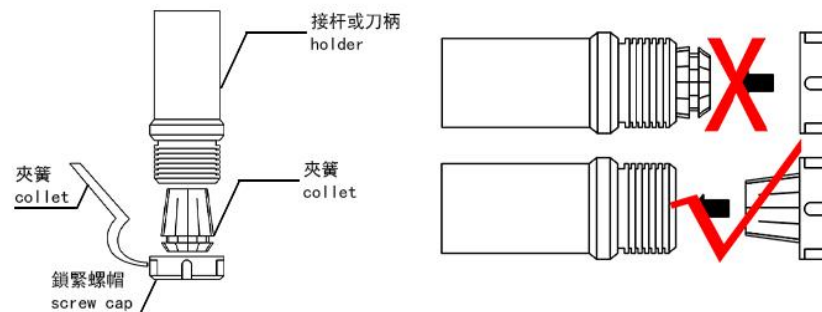
规格/型号 Model	L	L1	L2	L3	d1	d2	夹持范围	重量 KGS
BT30-ER11-70L	70	48	48	22	16	11	1-7mm	0.45
BT30-ER11-100L	148.4	100	78	22	16	11	1-7mm	0.6
BT30-ER16-70L	118.4	70	48	22	28	16	1-10mm	0.55
BT30-ER16-100L	148.4	100	78	22	28	16	1-10mm	0.8
BT30-ER20-70L	118.4	70	48	22	34	20	1-13mm	0.75
BT30-ER20-100L	148.4	100	78	22	34	20	1-13mm	0.85
BT30-ER20-150L	198.4	150	128	22	34	20	1-13mm	0.95
BT30-ER25-70L	118.4	70	48	22	42	25	1-16mm	0.7
BT30-ER25-100L	148.4	100	78	22	42	25	1-16mm	1.45
BT30-ER25-150L	198.4	150	128	22	42	25	1-16mm	2.15
BT30-ER32-70L	118.4	70	48	22	50	32	1-20mm	0.95
BT30-ER32-100L	148.4	100	78	22	50	32	1-20mm	1.05
BT30-ER32-150L	198.4	150	128	22	50	32	1-20mm	1.15
BT40-ER11-100L	165.4	100	73	27	16	11	1-7mm	0.7
BT40-ER11-150L	215.4	150	123	27	16	11	1-7mm	0.6
BT40-ER16-70L	135.4	70	43	27	28	16	1-10mm	1.2
BT40-ER16-100L	165.4	100	73	27	28	16	1-10mm	1.3
BT40-ER16-150L	215.4	150	123	27	28	16	1-10mm	1.35
BT40-ER16-200L	265.4	200	173	27	28	16	1-10mm	1.6
BT40-ER20-70L	135.4	70	43	27	34	20	1-13mm	1.4
BT40-ER20-100L	165.4	100	73	27	34	20	1-13mm	1.5
BT40-ER20-150L	215.4	150	123	27	34	20	1-13mm	1.7
BT40-ER20-200L	265.4	200	173	27	34	20	1-13mm	1.95
BT40-ER25-70L	135.4	70	43	27	42	25	1-16mm	1.3
BT40-ER25-100L	165.4	100	73	27	42	25	1-16mm	1.65
BT40-ER25-150L	215.4	150	123	27	42	25	1-16mm	2.25



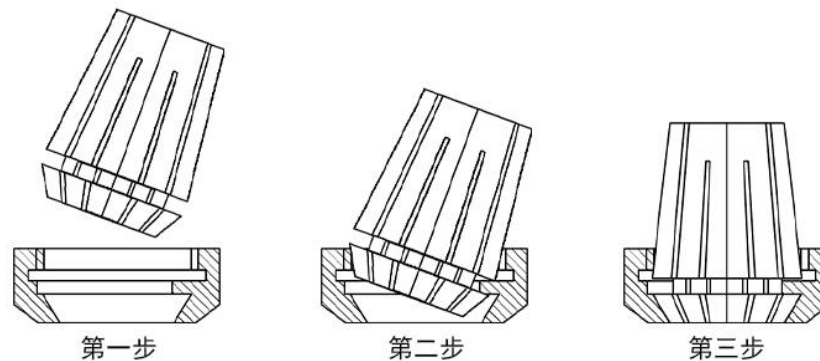
规格/型號 Model	L	L1	L2	L3	d1	d2	夾持範圍	重量 KGS
BT40-ER25-200L	265.4	200	173	27	42	25	1-16mm	2.85
BT40-ER32-70L	135.4	70	43	27	50	32	1-20mm	1.3
BT40-ER32-100L	165.4	100	73	27	50	32	1-20mm	1.7
BT40-ER32-150L	215.4	150	123	27	50	32	1-20mm	2.5
BT40-ER32-200L	265.4	200	173	27	50	32	1-20mm	3.2
BT40-ER40-100L	165.4	100	73	27	63	40	1-26mm	2.05
BT40-ER40-150L	215.4	150	123	27	63	40	1-26mm	3.1
BT40-ER40-200L	265.4	200	173	27	63	40	1-26mm	4.15
BT50-ER16-100L	201.8	100	73	27	28	16	1-10mm	4.3
BT50-ER16-150L	251.8	150	123	27	28	16	1-10mm	4.4
BT50-ER16-200L	301.8	200	173	27	28	16	1-10mm	4.5
BT50-ER20-100L	201.8	100	73	27	34	20	1-13mm	4.3
BT50-ER20-150L	251.8	150	123	27	34	20	1-13mm	4.7
BT50-ER20-200L	301.8	200	173	27	34	20	1-13mm	4.9
BT50-ER25-100L	201.8	100	73	27	42	25	1-16mm	4.5
BT50-ER25-150L	251.8	150	123	27	42	25	1-16mm	4.7
BT50-ER25-200L	301.8	200	173	27	42	25	1-16mm	5.5
BT50-ER32-100L	201.8	100	73	27	50	32	1-20mm	4.8
BT50-ER32-150L	251.8	150	123	27	50	32	1-20mm	5.3
BT50-ER32-200L	301.8	200	173	27	50	32	1-20mm	5.5
BT50-ER40-100L	201.8	100	73	27	63	40	1-26mm	4.4
BT50-ER40-150L	251.8	150	123	27	63	40	1-26mm	5.2
BT50-ER40-200L	301.8	200	173	27	63	40	1-26mm	6.2
BT50-ER40-250L	351.8	250	223	27	63	40	1-26mm	7

彈簧夾頭安裝 INSTALLATION

- 在安裝彈簧夾頭之前，必須先將夾簧裝入鎖緊螺母之中(如圖所示)，然後將裝上夾簧的鎖緊螺帽輕輕在接杆或是刀柄上，待裝上刀具後即可用挺鉗手夾緊投入工作。
- 為獲得最佳使用性能，在安裝彈簧夾頭之前，請必須將夾簧、鎖緊螺母螺紋部分及定位面、面清理幹淨。
- Firstly should install collet into clamp nut then uses a wrench to lock it on tool holder before working
- Clean the collet, clamping nut before using so as to get a good performance.



- ◎夾簧在鎖緊螺帽的安裝過程中，夾簧鎖緊螺帽必須傾斜一定角度，然後輕輕的放在鎖緊螺帽的鎖緊卡橫內如下圖所示：
- ◎in the process of installation, clamping nut should be tilted some angles with collet. And lock it in card slot.

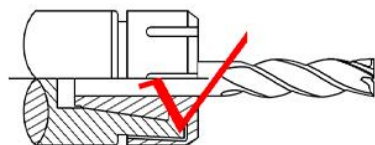


夾簧與鎖緊螺帽的安裝步驟

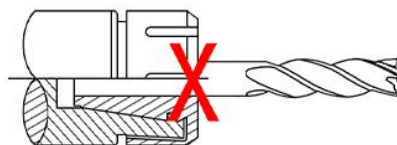
Collet Installing and Removing Instruction Manual 彈簧夾頭的安裝及注意事項

注意事項 WARNING

- ◎用彈簧夾頭刀柄夾緊刀具進行切削加工時，一定要注意夾簧必須夾緊刀具，以免刀具在高速旋轉中飛出人，出現安全事故。
- ◎強餐夾額刀柄虎于未工作狀態時，嚴禁夾簧在示安裝刀具時鎖緊螺帽擰緊在刀柄或者接杆上，以防夾簧形及脆性斷裂。
- ◎Make sure that the cutter is correctly mounted in the holder before setting the tool in the machine in case of personal injury.
- ◎Remove the cutter and coliat frann chuck. Otherwise, clamping force may be reduced. Even worse, cause the collet brittle fracture.



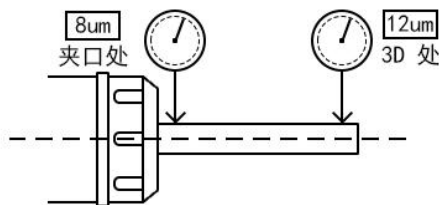
正確的夾緊方式
holding right



錯誤的夾緊方式
holding wrong

特點 WARNING

- ◎ 本體錐柄規格: JIS MAS 403 BT
- ◎ 配用ER彈性筒夾，可適用於夾持銼刀、鑽頭、絲錐
- ◎ 裝置時筒夾必需先置入螺母，再裝入刀具，接着鎖固入本體
- ◎ 適用專用扳手，不可用其它工具。可能造成刀體損壞
- ◎ 扳手、拉釘、筒夾須另行購買
- ◎ Spindle conicity standard: JIS MAS 403 BT
- ◎ ER collet chuck set with ER collet with flexibility used Gforripping cutting tool, drill bit, draw bolt and so on.
- ◎ When using, nut should be clamped tensed firstly without cutting tools then locked into the main body.
- ◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.
- ◎ The spanner, pull stud chuck must purchase alone.



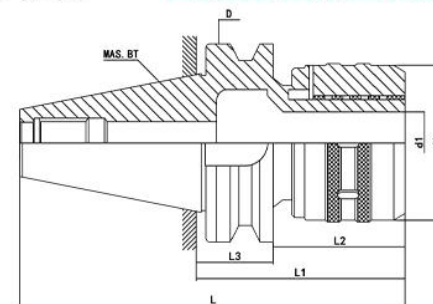
BT-SC Force Milling Chuck BT-SC 型高精度强力刀柄



ER扳手

拉钉

强力筒夹



规格/型号 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range
BT30-SC20-80L	128.4	80	50	22	46	20	56	3 4 5 6 8 10 12 14 16
BT30-SC25-100L	148.4	100	60	22	46	25	61	3 4 5 6 8 10 12 14 16 18 20
BT30-SC32-105L	153.4	105	70	22	46	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC20-100L	165.4	90	50	27	63	20	56	3 4 5 6 8 10 12 14 16
BT40-SC25-100L	165.4	100	60	27	63	25	61	3 4 5 6 8 10 12 14 16 18 20
BT40-SC25-135L	200.4	135	60	27	63	25	61	3 4 5 6 8 10 12 14 16 18 20
BT40-SC32-105L	170.4	105	70	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC32-135L	200.4	135	70	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC32-165L	230.4	165	70	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC32-200L	265.4	200	70	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC32-250L	315.4	250	70	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-SC42-130L	195.4	130	90	27	63	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT50-SC25-110L	211.8	110	60	38	100	25	61	3 4 5 6 8 10 12 14 16 18 20
BT50-SC25-165L	236.8	165	60	38	100	25	61	3 4 5 6 8 10 12 14 16 18 20
BT50-SC32-110L	211.8	110	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC32-135L	236.8	135	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC32-165L	266.8	165	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC32-200L	301.8	200	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC32-250L	351.8	250	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC32-300L	401.8	300	70	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-SC42-135L	236.8	135	90	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT50-SC42-165L	266.8	165	90	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT50-SC42-200L	301.8	200	90	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36

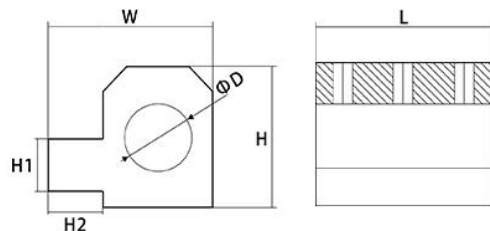
特点/Feature

高速、高精度、高寿命直柄刀具系列

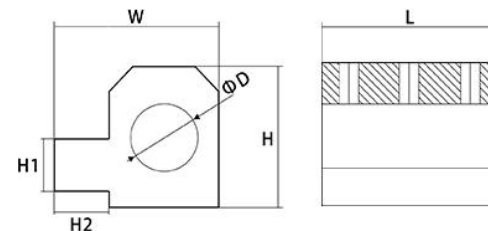
- ◎ 材質: 20CrMnTi/15CrMn
- ◎ 硬度: HRC58~60, 滲碳深度>0.8mm
- ◎ 錐柄公差等級: ≤AT3
- ◎ 刀柄內孔分割了六槽, 以防止刀具轉, 增大夾持力
- ◎ 採用特殊材料制作滾針軸承保持架, 延長使用壽命, 增強夾緊力
- ◎ 具有夾持力大, 定點精度高, 特別適用於強力切削
- ◎ 可提供兩種外觀: 光飾或塗層處理
- ◎ 內孔多次研磨, 可達Ra0.4, 起到鏡面效果
- ◎ 外圓及端面多次研磨, 可達Ra0.4, 起到鏡面效果
- ◎ 表面“環保”特殊塗層處理, 提高表面硬度、耐磨性, 提高精度, 精度更穩定, 表面更光滑, 防銹、防腐蝕效果更好, 手感更舒適, 外觀更美麗
- ◎ 扳手、拉釘、筒夾須另行購買

High speed, high accuracy, high durability C-STRAIGHT TOOL SERIES

- ◎ Material: 20CrMnTi/15CrMn;
- ◎ Hardness: HRC58~60, Carbon depth>0.8
- ◎ Tolerance class: ≤AT3
- ◎ Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
- ◎ Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
- ◎ Grasp force strong, centering accuracy high, suit to heavy cutting
- ◎ Two kinds looks provide: polishing or chemical nickel-plating processing;
- ◎ Inner hole grinding for many times, so as to reach Ra0.4, has a mirror effect;
- ◎ End and the cylindrical are grinding for many times, can reach Ra0.4, has a mirror effect;
- ◎ Surface “environmental protection”, special coating surface treatment, improve the hardness and endurance of the surface, cleanliness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice.
- ◎ The spanner, pull stud chuck must purchase alone.

Auxiliary knife holder
车床辅助刀座

规格型号	中心高H1	内孔D	宽度W	高度H	总长L
SBHA16-16	16	16	52	40	65
SBHA16-20	16	20	52	40	65
SBHA16-25	16	25	52	40	65
SBHA20-16	20	16	52	40	65
SBHA20-20	20	20	52	40	65
SBHA20-25	20	25	55	43	70
SBHA20-32	20	32	65	46	70
SBHA20-40	20	40	80	60	80
SBHA25-16	25	16	60	50	70
SBHA25-20	25	20	57	45	70
SBHA25-25	25	25	60	50	70
SBHA25-32	25	32	70	55	80
SBHA25-40	25	40	79	60	80
SBHA25-50	25	50	98	68	100
SBHA32-25	32	25	69	55	80
SBHA32-32	32	32	80	59	90
SBHA32-40	32	40	88	63	90
SBHA32-50	32	50	98	68	120
SBHA32-60	32	60	120	90	150
SBHA40-40	40	40	100	80	120
SBHA40-50	40	50	120	90	120
SBHA40-60	40	60	120	90	150

Auxiliary knife holder
车床辅助刀座

刀座可搭配配件示例 SETUP EXAMPLE



刀座+刀套安装案例



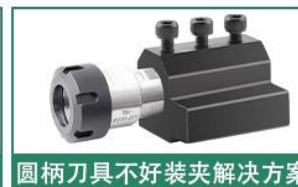
可装入U钻组合



最常用型组合-内孔刀杆



传统钻孔套装配合



圆柄刀具不好装夹解决方案



自紧钻夹头+刀座组合



High-Precision Er Collet

高精度 ER 弹性筒夹



特點/Feature

- ◎ 材質:SUJ2 (高碳軸承鋼:在熱處理後,具有堅韌的硬度與新性更好的耐磨耗性,且彈性佳使用壽命更長)。
- ◎ 硬度:HRC44-48
- ◎ 表面粗糙度 RZ2.5以內
- ◎ ER8的夾持範圍為 0.5mm;ER11、16、20、25、32、40的夾持範圍為 1mm,但孔徑2.5mm以下,夾持為0.5mm ER50 的夾持收縮範圍10mm以下的收縮範圍為1mm,10mm以上的收縮範圍為 2mm。
- ◎ 同心度按 DIN 標準規範全數檢驗。
- ◎ 用於夾持鑽頭、螺絲攻、銑刀、鉸刀等工具。
- ◎ 具有彈性伸縮的功能、應用範圍廣、富變化性。
- ◎ Steel:SUJ2 (High-carbon bearing steel:After heat treatment it has hardness and toughness,better grinding quality,good flexibility,and longer using life span).
- ◎ HRC:HRC44-48
- ◎ Surface roughness:within RZ2.5.
- ◎ Chucking range:ER8=0.5mm;ER1 1/16/20/25/32/40=1mm, But if the internal hole is less than 2.5mm, the chucking range will be 0.5mm;ER50 clamping contraction range of 10mm or less shrinkage range is 1 mm, the shrinkage of more than 10mm range of 2mm.
- ◎ The concentricity is totally examined according to DIN norm.
- ◎ It is used for the cutting tools like drills,taps,mills and reamers,etc.
- ◎ It has flexibility and can be applied widely and variably.
- ◎ Please inform the required precision when ordering

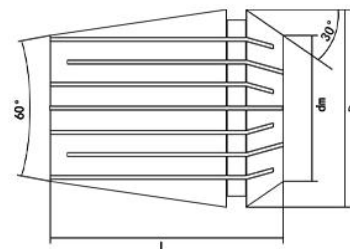
精湛的加工工藝 SUPERB MACHING TECHNOLOGY

深冷處理:

- ◎ -185°C超長深冷處理,使接近全部的殘餘奧氏體轉變為馬氏體。
- ◎ 析出的納米級碳化物顆粒,增加硬度和韌性
- ◎ 減少殘餘應力
- ◎ 耐磨性顯著提高
- ◎ >100h超長定型熱時效去除磨加工時的殘餘內力
- ◎ -185°C long cryogenic,nearly of the residual austenite into martensite.
- ◎ Carbide precipitation of Nanoscale particles,increasing the hardness and toughness.
- ◎ Reducing residual stresses.
- ◎ Wear resistance significantly improved.
- ◎ Thermal aging processing.
- ◎ >100h long stereotyped thermal limitation removal of grinding residual stress

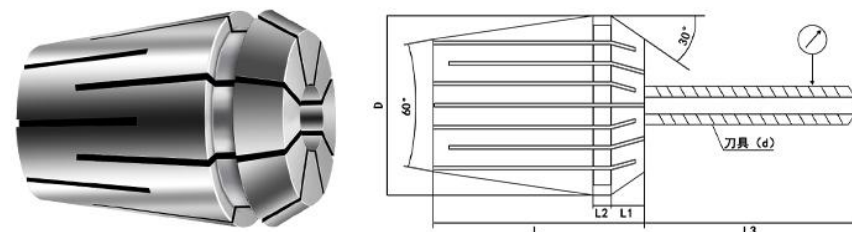
High-Precision Er Collet

高精度 ER 弹性筒夹



名称 Name	型号 Model	直径 D	长度 L	夹持范围 dm	精度
ER弹性筒夹AA	ER08	8.5	13.5	1-5	0.008
ER弹性筒夹AA	ER11	11.5	18	1-7	0.008
ER弹性筒夹AA	ER16	17	27	1-10	0.008
ER弹性筒夹AA	ER20	21	31	1-13	0.008
ER弹性筒夹AA	ER25	26	35	2-16	0.008
ER弹性筒夹AA	ER32	33	40	2-20	0.008
ER弹性筒夹AA	ER40	41	46	3-26	0.008
ER弹性筒夹UP	ER08	8.5	13.5	1-5	0.005
ER弹性筒夹UP	ER11	11.5	18	1-7	0.005
ER弹性筒夹UP	ER16	17	27	1-10	0.005
ER弹性筒夹UP	ER20	21	31	1-13	0.005
ER弹性筒夹UP	ER25	26	35	2-16	0.005
ER弹性筒夹UP	ER32	33	40	2-20	0.005

刀柄配件

ER Coolant Collet
ER止水筒夹

规格 Part No	d	夹持範圍 Range	D	D1	L	L1
ER11C	3-7	0.1	11	11.5	18	3.8
ER16C	3-6	0.1	16	17	27.5	6.26
	6-10	0.5	16	17	27.5	6.26
ER20C	3-6	0.1	20	21	31.5	6.36
	6-13	0.5	20	21	31.5	6.36
ER25C	3-6	0.1	25	26	34	6.66
	3-16	0.5	25	26	34	6.66
ER32C	3-8	0.1	32	33	40	7.16
	8-20	0.5	32	33	40	7.16
ER40C	4-10	0.1	40	41	46	7.66
	10-26	0.5	40	41	46	7.66
ER50C	12-34	0.5	50	52	60	12.6

特點/Feature

- ◎ 材料:SUJ2
- ◎ 硬度:HRC44-48
- ◎ 利用溝槽差异, 達到周圍止水, 僅中心的功能
- ◎ 適用於夾持有出水孔的刀具
- ◎ 可承受水壓7Mpa
- ◎ 非標準孔可訂制
- ◎ Material:SUJ2
- ◎ Hardness:HRC44-48
- ◎ Differences in the use of grooves to reach around the sealing
- ◎ Can withstand water pressure 7Mpa
- ◎ Non-standard holes can be customized



普通筒夹

槽是通槽不出水也不止水



机械止水筒夹

利用沟槽的差异, 达到周围止水, 仅中心出水的功能, 适用于夹持出水孔的刀具。

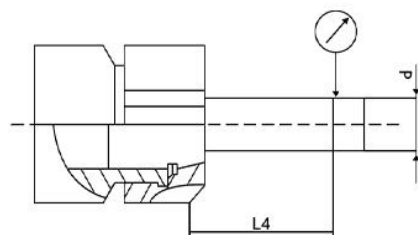


端面出水筒夹

端面出水, 此筒夹可通过出水孔进行高压精准射水, 以达到冷却刀具清除刀具周边废屑。

ER Coolant Collet
ER止水筒夹

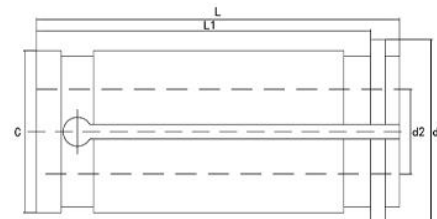
精度檢測 INSPECTION OF ACCURACY



L4	d	徑向跳動 Run out	
		A級 A class	AA級 AA class
16	3.0-6.0	≤0.008	≤0.005
25	6.0-10	≤0.008	≤0.005
40	10.0-18.0	≤0.008	≤0.005
50	18.0-27.0	≤0.008	≤0.005
60	27.0-34.0	≤0.015	≤0.01

特點/Feature

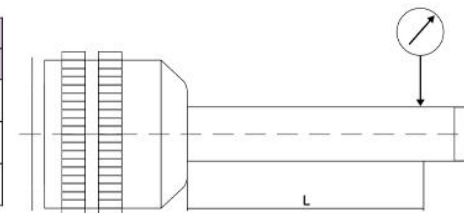
- ◎ 利用溝槽的差異，以及墊圈(Sealed ring 封環)的用，達到周圍止水，僅中心出水的功用。
- ◎ 適合於夾持出水孔的刀具
- ◎ 可承受水壓達 21kgf/cm²
- ◎ 無彈性(沒有彈性夾持範圍，需看最大夾持範圍)
- ◎ 非標準孔徑如英制尺寸或是點數規格可接受訂制
- ◎ 此產品 ER 部分依據 DIN6499,可搭配合適的(無)刀杆
- ◎ Take use of the difference of flute and the use of sealed ring to attain surrounding coolant and provide center as water outlet.
- ◎ Useful to chuck cutting tools with water outlet.
- ◎ Can bear the water pressure up to 21 kgf/cm².
- ◎ No flexibility (NO flexible chucking range. It depends on the biggest chucking range).
- ◎ Non-standard type, such as inch type or decimal type, are welcomed to order.
- ◎ The 'ER' part of the product is according to DIN-6499. It can be used with suitable tool holders.

C Straight Collet
C型強力直柄筒夹

規格 Part No	夾持範圍 d2 Range	C	d1	L	L1
SC16	3/4/5/6/7/8/9/10/11/12	16	25	49	47
SC20	3/4/5/6/7/8/9/10/11/12/13/14/15/16	20	25	52.5	49
SC22	3/4/5/6/7/8/9/10/11/12/13/14/15/16	22	26	55	51.5
SC25	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20	25	30	60	55
SC32	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20/21/22/23/24/25/26	32	37.5	65	60
SC42	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36	42	47	75	69

英制規格可定購 Inch size can be ordered

L4	d	徑向跳動 Run out (mm)	
		普通級 General level	高精度 High precision
<10	30	0.015	0.01
>10-20	50	0.015	0.01
>20	80	0.02	0.01



特點/Feature

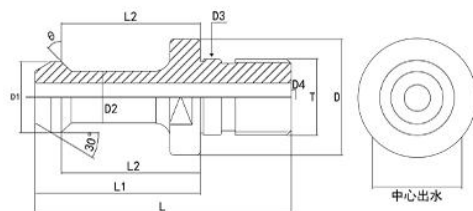
- ◎ 材質: SUJ-2
- ◎ 硬度: HRC44-48
- ◎ 偏擺精度: ≤0.01mm
- ◎ 限定夾持與孔徑相同之刀具柄徑
- ◎ 筒夾不具備彈性收縮範圍，強調夾持力
- ◎ 刀具置入筒夾必須超過內孔有效夾持長度，以達到有效夾持。
- ◎ 共有兩種精度等級: 高精度 0.01mm 及普通級 0.015mm
- ◎ 訂購時請告知所需精度等級
- ◎ Steel: SUJ-2.
- ◎ Hardness: HRC44-48
- ◎ Precision: ≤0.01mm
- ◎ Definition clamp and aperture same shank of tool diameter.
- ◎ The collet does not have the elastic contraction scope, the emphasis chucking power.
- ◎ In the cutting tool posts the collet to surpass the hole effective clamp length, achieves the effective clamp.
- ◎ There are two kinds of classes for precision: High precision 0.01mm, General level 0.015mm.
- ◎ Please inform the required precision when ordering.

Japanese standard pull nail BT

日本標準拉钉BT



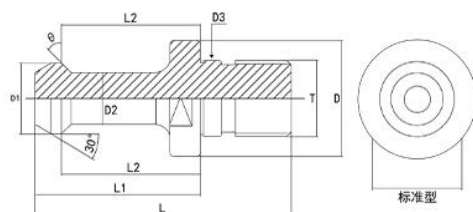
A: 中心出水 Coolant



中心出水



B: 标准型 Standard type



标准型

规格 Part No	D	d1	d2	d3	L	L1	L2	T	重量 KGS
BT30-45 °	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-45 °	23	15	10	17	60	35	28	M16	0.1
BT50-45 °	38	23	17	25	85	45	35	M24	0.3
BT60-45 °	56	32	24	31	115	65	53	M30	0.4

特點/Feature

普通级拉钉

- ◎ 材质: 40Cr
- ◎ 预部硬度: 46-50HRC
- ◎ 螺校及其它部位硬度较低: 35±5HRC, (保持柄螺纹, 核心硬度可以抵御街整)
- ◎ 精度: 0.02

高精度加硬拉钉

- ◎ 材质: 20CrMnTi
- ◎ 预部硬度: 55-58HRC
- ◎ 螺校及其它部位硬度较低: 35±5HRC, (保持柄螺纹, 核心硬度可以抵御街整)
- ◎ 精度: 0.01
- ◎ 訂購時請告知所需精度等級

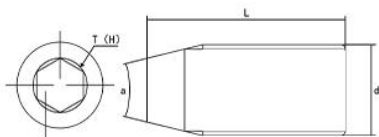
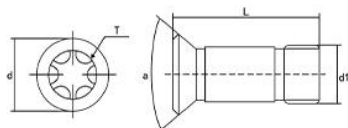
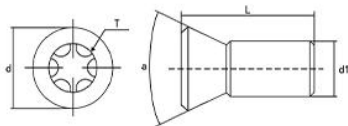
General level Pull stud

- ◎ Material: 40Cr
- ◎ Head hardness: 46-50HRC.
- ◎ Thread hardness is a little low: 35±5HRC, (Protect shank thread, core hardness can resist hit).
- ◎ Accuracy: 0.02

High-precision Hard Pull stud

- ◎ Material: 20CrMnTi
- ◎ Head hardness: 55-58HRC.
- ◎ Thread hardness is a little low: 35±5HRC, (Protect shank thread, core hardness can resist hit).
- ◎ Accuracy: 0.01
- ◎ Please inform the required precision when ordering.



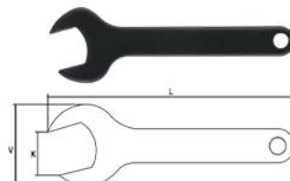
Screw
螺丝

规格 Part No	尺寸(mm)				
	d	d1	L	a	T(H)
M2*4	2.7	2	3.7	55°	6
M2.5	2.7	2	5	55°	6
M2.2*5	3	2.2	4.8	55°	8
M2.5*5	3.5	2.5	5.5	55°	8
M2.5*6	3.5	2.5	6	55°	8
M3*6	4	3	6.5	55°	10
M6*7	4	3	7	55°	10
M3.5*8	5.2	3.5	8.5	55°	15
M4*8	5.5	4	8.5	55°	15
M4*9	5.5	4	9	55°	15
M4*10	6	4	10	55°	15
M4*11	5.5	4	11	55°	15
M5*11	7.2	5	11	55°	15
M5*12	7.2	5	12	55°	20
M3*7B	4.5	3	7	55°	8
M3*10B	4.5	3	10	55°	8
M3.5*8B	5.2	3.5	8	55°	15
M4*8B	5.7	4	8.2	55°	15
M4*10B	5.7	4	10	55°	15
M5*12B	7.2	5	12	55°	20

规格 Part No	尺寸(mm)			
	d1	L	a	T(H)
AHV0507-2.5	5	7	60°	2.5
AHV0608-3	6	8	60°	3
AHV0811-4	8	11	60°	4
AHV1014-5	10	14	60°	5
AHV1218-6	12	18	60°	6

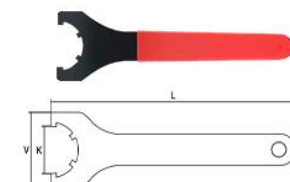
Spanner
扳手

ER-A 型扳手 ER-A SPANNER



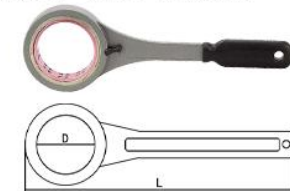
规格 Part No	螺母外径 Nut diameter	L	V	K
ER11-A	19	110	40	17
ER16-A	28	120	53	25
ER20-A	34	130	60	30

ER-A 型扳手 ER-A SPANNER



规格 Part No	螺母外径 Nut diameter	L	V	K
ER16-UM	32	180	40	26
ER20-UM	35	190	55	30
ER25-UM	42	210	65	37
ER32-UM	50	250	75	47
ER40-UM	63	290	90	58
ER50-UM	78	350	110	74

滚珠扳手 BALL SPANNER



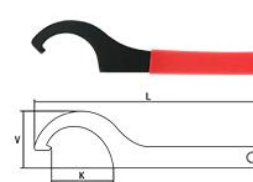
规格 Part No	螺母外径 Nut diameter	D	L
WH-GSK06	GSK06	19.5	120
WH-GSK10	GSK10	30	152.5
WH-GSK16	GSK16	40	200
WH-GSK20	GSK20	48	200
WH-GSK25	GSK25	55	210
WH-GER16	GER16	30	150
WH-GER20	GER20	35	160
WH-GER25	GER25	40	181
WH-GER32	GER32	50	200

ER-M 型扳手 ER-M SPANNER



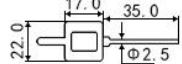
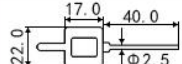
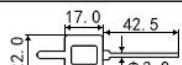
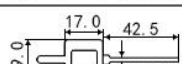
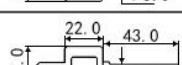
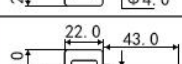
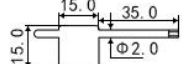
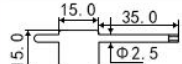
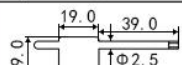
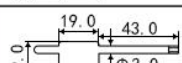
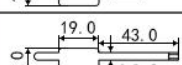
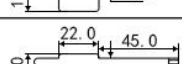
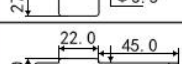
规格 Part No	螺母外径 Nut diameter	L	V	K
ER8-M	12	70	12	7.5
ER11-M	16	90	17	11
ER16-M	22	110	23	155
ER20-M	28	120	29	19.5
ER25-M	35	130	36	25

勾头扳手 HOOK HEAD SPANNER

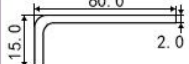
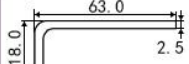
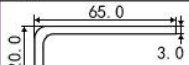
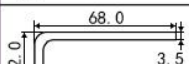
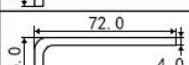
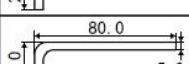


规格 Part No	适用刀柄及螺帽 Apple holder and nut	L
18-21	EOC6	90
22-26	EOC8	125
28-32	EOC10	140
34-36	EOC12	154
38-42	EOC16 7316A APU08	168
45-52	EOC20 ER25-UM 7316B	190
55-62	EOC25 ER32-UM APU13 APU16 C20	210
68-72	EOC32 ER40-UM	230
78-85	EOC40 C32 ER50-UM	240
100-110	EOC50 C42 JXT25-50	250

Spanner
板手

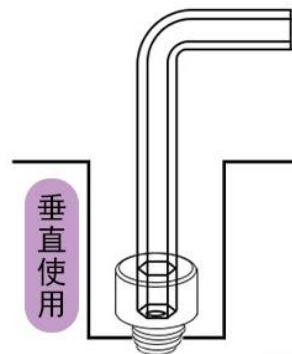
形状 Shape	型號 Model	(梅花)尺寸 Torx
	KWT-T07	T7
	KWT-T08	T8
	KWT-T09	T9
	KWT-T10	T10
	KWT-T15	T15
	KWT-T20	T20
旗形板手		
	KFT-T06	T6
	KFT-T07	T7
	KFT-T08	T8
	KFT-T09	T9
	KFT-T10	T10
	KFT-T15	T15
	KFT-T20	T20

螺丝刀
Screwdriver旗形板手
Flag shaped wrenchSpanner
板手

形状 Shape	型號 Model	(梅花)尺寸 Torx
	KWH2.0L	H2
	KWH2.5L	H2.5
	KWH3.0L	H3
	KWH3.5L	H3.5
	KWH4.0L	H4
	KWH5.0L	H5

平头

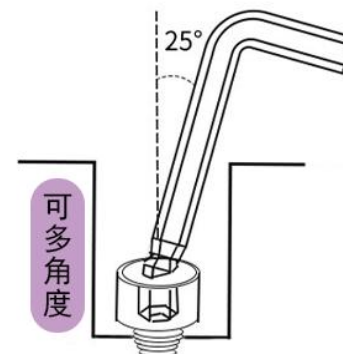
注: 平头内六角扳手只可90°
垂直角度使用, 无法倾斜受力



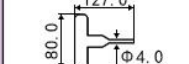
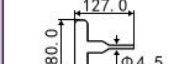
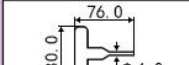
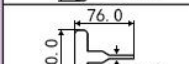
垂直使用

球头

注: 球头内六角扳手可多角度
使用, 很容易进入内六角螺母,
扭力相对小一些



可多角度

形状 Shape	型號 Model	(梅花)尺寸 Torx
	KTTL-T15	T15
	KTTL-T20	T20
	KTTS-T20	T20
	KTTS-T25	T25

全产业链覆盖 FULL INDUSTRY CHAIN COVERAGE

1. 氧化钨

测粒度,杂质元素等。
Measure particle size, impurity elements, etc.

2. 钨粉

测粒度,杂质元素,氧含量等。
Measure particle size, impurity elements, oxygen content, etc.

3. 碳化钨粉

测粒度、杂质元素、碳氧含量等,检测碳化钨晶粒开貌
Measure particle size, impurity elements, carbon and oxygen content, etc. and detect the morphology of tungsten carbide grains.

4. 混合料

测松比流动性,粒度分布,成型性能,碳量,合金性能等
Measurement of porosity, flowability, particle size distribution, formability, carbon content, alloy properties, etc.

5. 硬质合金

测磁性能,显微组织,测外观尺寸,跳动,物理性能(强度,硬度,圆度,表面精度等,韧性等)。
Measure magnetic properties, microstructure, appearance dimensions, runout, physical properties (strength, hardness, roundness, surface accuracy, toughness, etc.).

6. 深加产品

测外观尺寸,跳动,圆度,表面精度等
Measure appearance dimensions, runout roundness, surface accuracy, etc.

7. 精密刀具

测刀具角度,刃厚,刀宽,跳动等
Measure external dimensions, runout roundness, surface accuracy, etc. Measure tool angle, blade thickness, blade width, runout, etc.



生产设备 PRODUCTION EQUIPMENT



德国
WALTER
刀具磨床



澳大利亚
ANCA5
5轴工具磨床

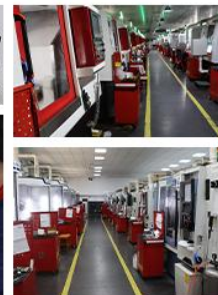


瑞士
ROLLOMATIC
刀具磨床



德国
ZOLLER
刀具预调和测量设备

质量保障 QUALITY ASSURANCE





铣刀头款式



铣刀端齿类型

TYPE OF END MILLS

二刃平头铣刀 2-edge flat head milling cutter	四刃平头铣刀 4-edge flat head milling cutter	二刃圆弧铣刀 2-edge circular arc milling cutter	四刃圆弧铣刀 4-edge circular arc milling cutter
二刃球头铣刀 2-edge ball end milling cutter	四刃球头铣刀 4-edge ball end milling cutter	三刃平头铣刀 3-edge flat head milling cutter	六刃平头铣刀 6-edge flat head milling cutter

加工方式形态

MACHINING OPERATION

平头铣刀侧面加工 Flat blade side processing	球头铣刀型腔加工 Ball cutter cavity processing	球头铣刀槽加工 Ball cutter groove processing	
平头铣刀台阶加工 Flat blade step processing	平头铣刀直角槽加工 Flat knife right angle groove processing	球头铣刀深沟加工 Ball knife deep groove processing	圆弧铣刀仿形加工 Circular arc knife contour machining
平头铣刀深沟加工 Flat blade deep groove processing	球头铣刀仿形加工 Ball cutter imitation machining	圆弧铣刀槽加工 Arc groove machining	圆弧铣刀侧面加工 Side processing of circular arc knife



铣刀涂层类型

MILLING CUTTER COATING

涂层 Nano TiAlXN	涂层 AlTiN	涂层 TiAlN	涂层 H-Si
纳米TiAlXN涂层 Nano TiAlXN coating	AlTiN涂层 AlTiN coating	TiAlN涂层 TiAlN coating	H-Si涂层 H-Si coating

螺旋角

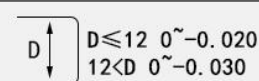
NELICAL ANGLE



β 为螺旋角:
30° / 45° / 55°
β=helical angle:
30° / 45° / 55°

铣刀刃径公差

diameter tolerance



铣刀刃径公差
Milling cutter edge
diameter tolerance

铣刀圆弧公差

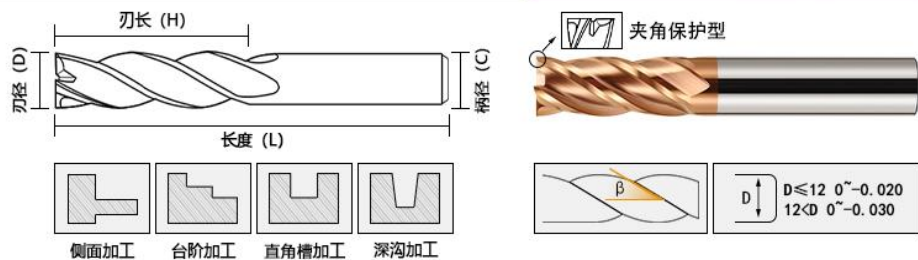
cutter arc tolerance



铣刀圆弧公差
Radius tolerance
of ball nose end mills

55度-4刃平底铣刀

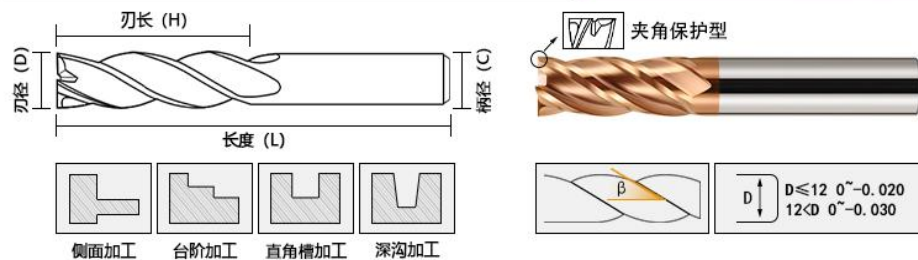
55 DEGREES
4-BLADE FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade	刀片角度 Blade angle
D	H	C	L				
D1*3*D4*50L*4F	●	1	3	4	50	4	55°
D1.5*4.5*D4*50L*4F	●	1.5	4.5	4	50	4	55°
D2*6*D4*50L*4F	●	2	6	4	50	4	55°
D2.5*7.5*D4*50L*4F	●	2.5	7.5	4	50	4	55°
D3*9*D3*50L*4F	●	3	9	3	50	4	55°
D3*9*D4*50L*4F	●	3	9	4	50	4	55°
D3*12*D3*75L*4F	●	3	12	3	75	4	55°
D3*15*D3*100L*4F	●	3	15	3	100	4	55°
D3.5*10*D4*50L*4F	●	3.5	10	4	50	4	55°
D4*10*D4*50L*4F	●	4	10	4	50	4	55°
D4*16*D4*75L*4F	●	4	16	4	75	4	55°
D4*20*D4*100L*4F	●	4	20	4	100	4	55°
D5*13*D5*50L*4F	●	5	13	5	50	4	55°
D5*13*D6*50L*4F	●	5	13	6	50	4	55°
D5*20*D5*75L*4F	●	5	20	5	75	4	55°
D5*25*D5*100L*4F	●	5	25	5	100	4	55°
D6*15*D6*50L*4F	●	6	15	6	50	4	55°
D6*24*D6*75L*4F	●	6	24	6	75	4	55°
D6*30*D6*100L*4F	●	6	30	6	100	4	55°
D6*45*D6*150L*4F	●	6	45	6	150	4	55°
D8*20*D8*60L*4F	●	8	20	8	60	4	55°
D8*30*D8*75L*4F	●	8	30	8	75	4	55°
D8*35*D8*100L*4F	●	8	35	8	100	4	55°
D8*50*D8*150L*4F	●	8	50	8	150	4	55°

55度-4刃平底铣刀

55 DEGREES
4-BLADE FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade	刀片角度 Blade angle
D	H	C	L				
D10*25*D10*75L*4F	●	10	25	10	75	4	55°
D10*40*D10*100L*4F	●	10	40	10	100	4	55°
D10*60*D10*150L*4F	●	10	60	10	150	4	55°
D12*30*D12*75L*4F	●	12	30	12	75	4	55°
D12*45*D12*100L*4F	●	12	45	12	100	4	55°
D12*60*D12*150L*4F	●	12	60	12	150	4	55°
D14*45*D14*100L*4F	●	14	45	14	100	4	55°
D14*70*D14*150L*4F	●	14	70	14	150	4	55°
D16*45*D16*100L*4F	●	16	45	16	100	4	55°
D16*75*D16*150L*4F	●	16	75	16	150	4	55°
D18*45*D18*100L*4F	●	18	45	18	100	4	55°
D18*75*D18*150L*4F	●	18	75	18	150	4	55°
D20*45*D20*100L*4F	●	20	45	20	100	4	55°
D20*75*D20*150L*4F	●	20	75	20	150	4	55°

● Mark: Standard stock item,
No mark: Made to order item.

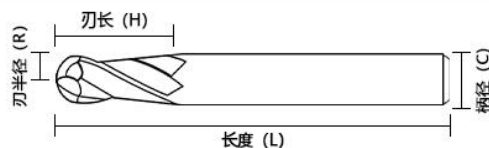
● 表示库存 ○ 表示库存预定义

被加工材料适用表 ○ 非常适合 ○ 适合

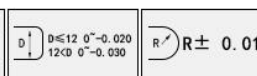
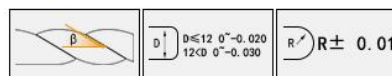
碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○	○				○	○			○	○

55度-2刃球头铣刀

55 DEGREES
2-PLADE BALL KNIFE



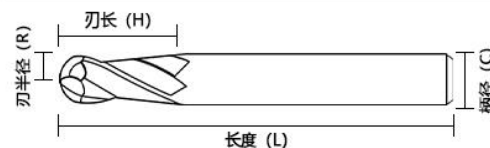
刀槽加工 深沟加工 仿形加工 型腔加工



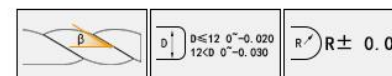
型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade	刀片角度 Blade angle
		R	H	C	L		
R0.5*2*D4*50L*2F	●	R0.5	2	4	50	2	55°
R0.75*3*D4*50L*2F	●	R0.75	3	4	50	2	55°
R1*4*D4*50L*2F	●	R1	4	4	50	2	55°
R1.25*6*D4*50L*2F	●	R1.25	6	4	50	2	55°
R1.5*6*D3*50L*2F	●	R1.5	6	3	50	2	55°
R1.5*6*D3*75L*2F	●	R1.5	6	3	75	2	55°
R1.5*6*D3*100L*2F	●	R1.5	6	3	100	2	55°
R1.5*6*D4*50L*2F	●	R1.5	6	4	50	2	55°
R1.75*7*D4*50L*2F	●	R1.75	7	4	50	2	55°
R2*8*D4*50L*2F	●	R2	8	4	50	2	55°
R2*8*D4*75L*2F	●	R2	8	4	75	2	55°
R2*8*D4*100L*2F	●	R2	8	4	100	2	55°
R2.5*10*D5*50L*2F	●	R2.5	10	5	50	2	55°
R2.5*10*D5*75L*2F	●	R2.5	10	5	75	2	55°
R2.5*10*D5*100L*2F	●	R2.5	10	5	100	2	55°
R2.5*10*D6*50L*2F	●	R2.5	10	6	50	2	55°
R3*12*D6*50L*2F	●	R3	12	6	50	2	55°
R3*12*D6*75L*2F	●	R3	12	6	75	2	55°
R3*12*D6*100L*2F	●	R3	12	6	100	2	55°
R3*12*D6*150L*2F	●	R3	12	6	150	2	55°
R4*16*D8*60L*2F	●	R4	16	8	60	2	55°
R4*16*D8*75L*2F	●	R4	16	8	75	2	55°
R4*16*D8*100L*2F	●	R4	16	8	100	2	55°
R4*16*D8*150L*2F	●	R4	16	8	150	2	55°
R5*20*D10*75L*2F	●	R5	20	10	75	2	55°

55度-2刃球头铣刀

55 DEGREES
2-PLADE BALL KNIFE



刀槽加工 深沟加工 仿形加工 型腔加工



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade	刀片角度 Blade angle
		R	H	C	L		
R5*20*D10*100L*2F	●	R5	20	10	100	2	55°
R5*20*D10*150L*2F	●	R5	20	10	150	2	55°
R6*24*D12*75L*2F	●	R6	24	12	75	2	55°
R6*24*D12*100L*2F	●	R6	24	12	100	2	55°
R6*24*D12*150L*2F	●	R6	24	12	150	2	55°
R7*28*D14*100L*2F	●	R7	28	14	100	2	55°
R7*28*D14*150L*2F	●	R7	28	14	150	2	55°
R8*32*D16*100L*2F	●	R8	32	16	100	2	55°
R8*32*D16*150L*2F	●	R8	32	16	150	2	55°
R9*36*D18*100L*2F	●	R9	36	18	100	2	55°
R9*36*D18*150L*2F	●	R9	36	18	150	2	55°
R10*40*D20*100L*2F	●	R10	40	20	100	2	55°
R10*40*D20*150L*2F	●	R10	40	20	150	2	55°

● Mark: Standard stock item,
No mark: Made to order item.

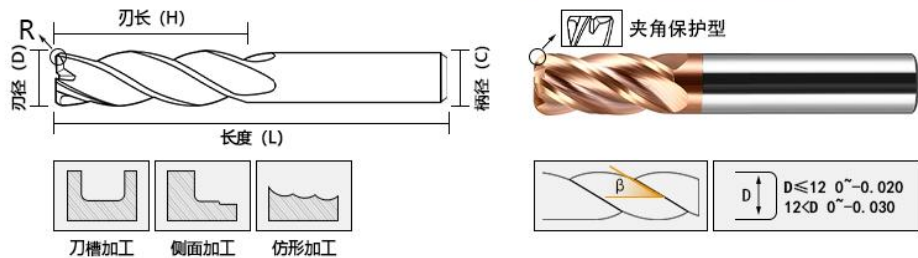
● 表示库存 ○ 表示库存预定期

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○	○				○	○			○	○

55度-4刃圆鼻铣刀

55 DEGREES
4-BLADED ROUND NOSE KNIFE



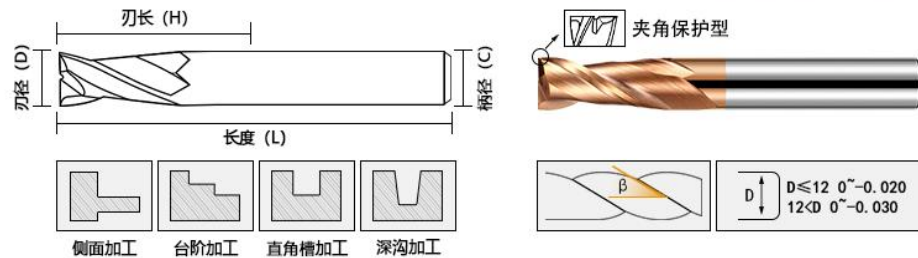
型号 Product midet	库存 store	规格尺寸(mm)					刃数 Blade	刀片角度 Blade angle
		D	R	H	C	L		
D3R0.5*9*D4*50L*4F	●	3	0.5	9	4	50	4	55°
D3R0.5*9*D3*50L*4F	●	3	0.5	9	3	50	4	55°
D3R1*9*D4*50L*4F	●	3	1	9	4	50	4	55°
D3R1*9*D3*50L*4F	●	3	1	9	3	50	4	55°
D4R0.5*10*D4*50L*4F	●	4	0.5	10	4	50	4	55°
D4R0.5*14*D4*75L*4F	●	4	0.5	14	4	75	4	55°
D4R0.5*15*D4*100L*4F	●	4	0.5	15	4	100	4	55°
D4R1*10*D4*50L*4F	●	4	1	10	4	50	4	55°
D4R1*14*D4*75L*4F	●	4	1	14	4	75	4	55°
D4R1*15*D4*100L*4F	●	4	1	15	4	100	4	55°
D5R0.5*13*D6*50L*4F	●	5	0.5	13	6	50	4	55°
D5R1*13*D6*50L*4F	●	5	1	13	6	50	4	55°
D6R0.5*15*D6*50L*4F	●	6	0.5	15	6	75	4	55°
D6R0.5*20*D6*75L*4F	●	6	0.5	20	6	100	4	55°
D6R0.5*25*D6*100L*4F	●	6	0.5	25	6	50	4	55°
D6R1*15*D6*50L*4F	●	6	1	15	6	50	4	55°
D6R1*20*D6*75L*4F	●	6	1	20	6	75	4	55°
D6R1*25*D6*100L*4F	●	6	1	25	6	100	4	55°
D8R0.5*20*D8*60L*4F	●	8	0.5	20	8	60	4	55°
D8R0.5*25*D8*75L*4F	●	8	0.5	25	8	75	4	55°
D8R0.5*30*D8*100L*4F	●	8	0.5	30	8	100	4	55°
D8R1*20*D8*60L*4F	●	8	1	20	8	60	4	55°
D8R1*25*D8*75L*4F	●	8	1	25	8	75	4	55°
D8R1*30*D8*100L*4F	●	8	1	30	8	100	4	55°
D10R0.5*25*D10*75L*4F	●	10	0.5	25	10	75	4	55°
D10R0.5*30*D10*100L*4F	●	10	0.5	30	10	100	4	55°
D10R1*25*D10*75L*4F	●	10	1	25	10	75	4	55°
D10R1*30*D10*100L*4F	●	10	1	30	10	100	4	55°
D12R0.5*30*D12*75L*4F	●	12	0.5	30	12	75	4	55°
D12R0.5*35*D12*100L*4F	●	12	0.5	35	12	100	4	55°
D12R1*30*D12*75L*4F	●	12	1	30	12	75	4	55°
D12R1*35*D12*100L*4F	●	12	1	35	12	100	4	55°

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○	○				○	○			○	○

55度-2刃键槽平刀

55 DEGREES
2-BLADE KEYWAY FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blad	刀片角度 Blade angle
		D	H	C	L		
D1*3*D4*50L*2F	●	D1	3	D4	50L	2F	55°
D1.5*4.5*D4*50L*2F	●	D1.5	4.5	D4	50L	2F	55°
D2*6*D4*50L*2F	●	D2	6	D4	50L	2F	55°
D2.5*7.5*D4*50L*2F	●	D2.5	7.5	D4	50L	2F	55°
D3*9*D4*50L*2F	●	D3	9	D4	50L	2F	55°
D3*9*D3*50L*2F	●	D3	9	D3	50L	2F	55°
D3*12*D3*75L*2F	●	D3	12	D3	75L	2F	55°
D3*15*D3*100L*2F	●	D3	15	D3	100L	2F	55°
D3.5*10*D4*50L*2F	●	D3.5	10	D4	50L	2F	55°
D4*12*D4*50L*2F	●	D4	12	D4	50L	2F	55°
D4*16*D4*75L*2F	●	D4	16	D4	75L	2F	55°
D4*20*D4*100L*2F	●	D4	20	D4	100L	2F	55°
D5*15*D5*50L*2F	●	D5	15	D5	50L	2F	55°
D5*20*D5*75L*2F	●	D5	20	D5	75L	2F	55°
D5*25*D5*100L*2F	●	D5	25	D5	100L	2F	55°
D6*18*D6*50L*2F	●	D6	18	D6	50L	2F	55°
D6*24*D6*75L*2F	●	D6	24	D6	75L	2F	55°
D6*30*D6*100L*2F	●	D6	30	D6	100L	2F	55°
D8*24*D8*60L*2F	●	D8	24	D8	60L	2F	55°
D8*30*D8*75L*2F	●	D8	30	D8	75L	2F	55°
D8*35*D8*100L*2F	●	D8	35	D8	100L	2F	55°
D10*30*D10*75L*2F	●	D10	30	D10	75L	2F	55°
D10*45*D10*100L*2F	●	D10	45	D10	100L	2F	55°
D12*35*D12*75L*2F	●	D12	35	D12	75L	2F	55°
D12*45*D12*100L*2F	●	D12	45	D12	100L	2F	55°
D14*45*D14*100L*2F	●	D14	45	D14	100L	2F	55°
D16*45*D16*100L*2F	●	D16	45	D16	100L	2F	55°
D18*45*D18*100L*2F	●	D18	45	D18	100L	2F	55°
D20*45*D20*100L*2F	●	D20	45	D20	100L	2F	55°
D6*45*D6*150L*2F	●	D6	45	D6	150L	2F	55°
D8*50*D8*150L*2F	●	D8	50	D8	150L	2F	55°
D10*60*D10*150L*2F	●	D10	60	D10	150L	2F	55°
D12*60*D12*150L*2F	●	D12	60	D12	150L	2F	55°

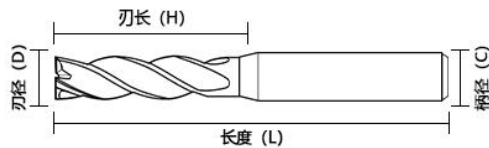
● Mark: Standard stock item,
No mark: Made to order item.

○ ● 表示库存 ○ 表示库存预定义

被加工材料适用表 ○ 非常适合 ○ 适合

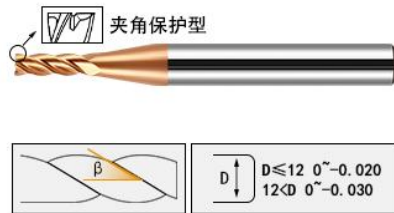
碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○	○				○	○			○	○

55度-4刃小数点平刀铣刀

55 DEGREES
4-BLADE DECIMAL POINT FLAT KNIFE

侧面加工 台阶加工 直角槽加工 深沟加工

型号	库存	规格尺寸(mm)				刃数
Product midet	store	D	H	C	L	Blade
D1.1*3.3*D4*50L*4F	●	D1.1	3.3	D4	50L	4F
D1.2*3.6*D4*50L*4F	●	D1.2	3.6		50L	
D1.3*3.9*D4*50L*4F	●	D1.3	3.9		50L	
D1.4*4.2*D4*50L*4F	●	D1.4	4.2		50L	
D1.6*4.8*D4*50L*4F	●	D1.6	4.8		50L	
D1.7*5.1*D4*50L*4F	●	D1.7	5.1		50L	
D1.8*5.4*D4*50L*4F	●	D1.8	5.4		50L	
D1.9*5.7*D4*50L*4F	●	D1.9	5.7		50L	
D2.1*6.3*D4*50L*4F	●	D2.1	6.3	D4	50L	4F
D2.2*6.6*D4*50L*4F	●	D2.2	6.6		50L	
D2.3*6.9*D4*50L*4F	●	D2.3	6.9		50L	
D2.4*7.2*D4*50L*4F	●	D2.4	7.2		50L	
D2.6*7.8*D4*50L*4F	●	D2.6	7.8		50L	
D2.7*8.1*D4*50L*4F	●	D2.7	8.1		50L	
D2.8*8.4*D4*50L*4F	●	D2.8	8.4		50L	
D2.9*8.7*D4*50L*4F	●	D2.9	8.7		50L	
D3.1*9.3*D4*50L*4F	●	D3.1	9.3	D4	50L	4F
D3.2*9.6*D4*50L*4F	●	D3.2	9.6		50L	
D3.3*9.9*D4*50L*4F	●	D3.3	9.9		50L	
D3.4*10*D4*50L*4F	●	D3.4	10		50L	
D3.6*10*D4*50L*4F	●	D3.6	10		50L	
D3.7*10*D4*50L*4F	●	D3.7	10		50L	
D3.8*10*D4*50L*4F	●	D3.8	10		50L	
D3.9*12*D4*50L*4F	●	D3.9	12		50L	
D4.1*12*D6*50L*4F	●	D4.1	12	D6	50L	4F
D4.2*12*D6*50L*4F	●	D4.2	12		50L	
D4.3*12*D6*50L*4F	●	D4.3	12		50L	
D4.4*13*D6*50L*4F	●	D4.4	13		50L	
D4.5*13*D6*50L*4F	●	D4.5	13		50L	
D4.6*13*D6*50L*4F	●	D4.6	13		50L	
D4.7*14*D6*50L*4F	●	D4.7	14		50L	
D4.8*14*D6*50L*4F	●	D4.8	14		50L	
D4.9*14*D6*50L*4F	●	D4.9	14	D6	50L	4F
D5.1*15*D6*50L*4F	●	D5.1	15		50L	
D5.2*15*D6*50L*4F	●	D5.2	15		50L	
D5.3*15*D6*50L*4F	●	D5.3	15		50L	
D5.4*16*D6*50L*4F	●	D5.4	16		50L	
D5.5*16*D6*50L*4F	●	D5.5	16		50L	
D5.6*16*D6*50L*4F	●	D5.6	16		50L	
D5.7*16*D6*50L*4F	●	D5.7	16		50L	
D5.8*17*D6*50L*4F	●	D5.8	17	D8	50L	4F
D5.9*17*D6*50L*4F	●	D5.9	17		50L	
D6.1*18*D8*60L*4F	●	D6.1	18		60L	
D6.2*18*D8*60L*4F	●	D6.2	18		60L	
D6.3*18*D8*60L*4F	●	D6.3	18		60L	
D6.4*19*D8*60L*4F	●	D6.4	19		60L	
D6.5*19*D8*60L*4F	●	D6.5	19		60L	
D6.6*19*D8*60L*4F	●	D6.6	19		60L	
D6.7*20*D8*60L*4F	●	D6.7	20	D8	60L	4F
D6.8*20*D8*60L*4F	●	D6.8	20		60L	
D6.9*20*D8*60L*4F	●	D6.9	20		60L	

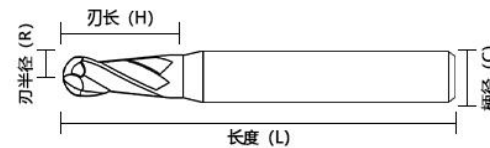


型号	库存	规格尺寸(mm)				刃数
Product midet	store	D	H	C	L	Blade
D7.1*21*D8*60L*4F	●	D7.1	21		60L	4F
D7.2*21*D8*60L*4F	●	D7.2	21		60L	
D7.3*21*D8*60L*4F	●	D7.3	21		60L	
D7.4*22*D8*60L*4F	●	D7.4	22		60L	
D7.5*22*D8*60L*4F	●	D7.5	22	D8	60L	
D7.6*22*D8*60L*4F	●	D7.6	22		60L	
D7.7*23*D8*60L*4F	●	D7.7	23		60L	
D7.8*23*D8*60L*4F	●	D7.8	23		60L	
D7.9*23*D8*60L*4F	●	D7.9	23		60L	4F
D8.1*24*D10*75L*4F	●	D8.1	24		75L	
D8.2*24*D10*75L*4F	●	D8.2	24		75L	
D8.3*24*D10*75L*4F	●	D8.3	24		75L	
D8.4*25*D10*75L*4F	●	D8.4	25	D10	75L	
D8.5*25*D10*75L*4F	●	D8.5	25		75L	
D8.6*25*D10*75L*4F	●	D8.6	25		75L	
D8.7*26*D10*75L*4F	●	D8.7	26		75L	
D8.8*26*D10*75L*4F	●	D8.8	26		75L	
D8.9*26*D10*75L*4F	●	D8.9	26		75L	
D9.1*27*D10*75L*4F	●	D9.1	27		75L	
D9.2*27*D10*75L*4F	●	D9.2	27		75L	
D9.3*27*D10*75L*4F	●	D9.3	27		75L	
D9.4*27*D10*75L*4F	●	D9.4	27	D10	75L	
D9.5*28*D10*75L*4F	●	D9.5	28		75L	
D9.6*28*D10*75L*4F	●	D9.6	28		75L	
D9.7*28*D10*75L*4F	●	D9.7	28		75L	
D9.8*29*D10*75L*4F	●	D9.8	29		75L	
D9.9*29*D10*75L*4F	●	D9.9	29		75L	
D10.1*30*D12*75L*4F	●	D10.1	30		75L	4F
D10.2*30*D12*75L*4F	●	D10.2	30		75L	
D10.3*30*D12*75L*4F	●	D10.3	30		75L	
D10.4*30*D12*75L*4F	●	D10.4	30		75L	
D10.5*31*D12*75L*4F	●	D10.5	31	D12	75L	
D10.6*31*D12*75L*4F	●	D10.6	31		75L	
D10.7*31*D12*75L*4F	●	D10.7	31		75L	
D10.8*31*D12*75L*4F	●	D10.8	31		75L	
D10.9*32*D12*75L*4F	●	D10.9	32		75L	
D11.1*32*D12*75L*4F	●	D11.1	32		75L	
D11.2*32*D12*75L*4F	●	D11.2	32		75L	
D11.3*32*D12*75L*4F	●	D11.3	32		75L	
D11.4*32*D12*75L*4F	●	D11.4	32		75L	
D11.5*33*D12*75L*4F	●	D11.5	33	D12	75L	
D11.6*33*D12*75L*4F	●	D11.6	33		75L	
D11.7*33*D12*75L*4F	●	D11.7	33		75L	
D11.8*33*D12*75L*4F	●	D11.8	33		75L	
D11.9*33*D12*75L*4F	●	D11.9	33		75L	
D12.5*40*D14*100L*4F	●	D12.5	40	D14	100L	4F
D13.5*40*D14*100L*4F	●	D13.5	40	D14	100L	4F
D14.5*45*D16*100L*4F	●	D14.5	45	D16	100L	4F

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
~55HRC	~58HRC	~65HRC	~68HRC								
○	○	○				○	○			○	○

55度-2刃小数点球头铣刀

55 DEGREES
4-BLADE DECIMAL PENALTY HEAD KNIFE

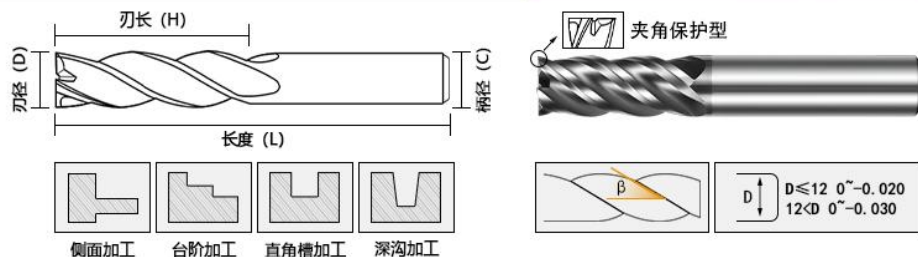
刀槽加工 深沟加工 仿形加工 型腔加工

型号	库存	规格尺寸(mm)				刃数
Product midet	store	R	H	C	L	Blade
R0.55*2.2*D4*50L*2T	●	R0.55	2.2		50L	2T
R0.6*2.4*D4*50L*2T	●	R0.6	2.4		50L	
R0.65*2.6*D4*50L*2T	●	R0.65	2.6		50L	
R0.7*2.8*D4*50L*2T	●	R0.7	2.8		50L	
R0.8*3.2*D4*50L*2T	●	R0.8	3.2		50L	
R0.85*3.4*D4*50L*2T	●	R0.85	3.4		50L	
R0.9*3.6*D4*50L*2T	●	R0.9	3.6		50L	
R0.95*3.8*D4*50L*2T	●	R0.95	3.8		50L	
R1.05*4.2*D4*50L*2T	●	R1.05	4.2		50L	
R1.1*4.4*D4*50L*2T	●	R1.1	4.4		50L	
R1.15*4.6*D4*50L*2T	●	R1.15	4.6		50L	
R1.2*4.8*D4*50L*2T	●	R1.2	4.8		50L	
R1.3*5.2*D4*50L*2T	●	R1.3	5.2		50L	2T
R1.35*5.4*D4*50L*2T	●	R1.35	5.4		50L	
R1.4*5.6*D4*50L*2T	●	R1.4	5.6		50L	
R1.45*5.8*D4*50L*2T	●	R1.45	5.8		50L	
R1.55*6.2*D4*50L*2T	●	R1.55	6.2		50L	
R1.6*6.4*D4*50L*2T	●	R1.6	6.4		50L	
R1.65*6.6*D4*50L*2T	●	R1.65	6.6		50L	
R1.7*6.8*D4*50L*2T	●	R1.7	6.8		50L	
R1.8*7.2*D4*50L*2T	●	R1.8	7.2		50L	
R1.85*7.4*D4*50L*2T	●	R1.85	7.4		50L	
R1.9*7.6*D4*50L*2T	●	R1.9	7.6		50L	
R1.95*7.8*D4*50L*2T	●	R1.95	7.8		50L	
R2.05*8.2*D6*50L*2T	●	R2.05	8.2		50L	2T
R2.1*8.4*D6*50L*2T	●	R2.1	8.4		50L	
R2.15*8.6*D6*50L*2T	●	R2.15	8.6		50L	
R2.2*8.8*D6*50L*2T	●	R2.2	8.8		50L	
R2.25*9*D6*50L*2T	●	R2.25	9		50L	
R2.3*9.2*D6*50L*2T	●	R2.3	9.2		50L	
R2.35*9.4*D6*50L*2T	●	R2.35	9.4		50L	
R2.4*9.6*D6*50L*2T	●	R2.4	9.6		50L	
R2.45*9.8*D6*50L*2T	●	R2.45	9.8		50L	
R2.5*10*D6*50L*2T	●	R2.5	10		50L	
R2.6*10.4*D6*50L*2T	●	R2.6	10.4		50L	
R2.65*10.6*D6*50L*2T	●	R2.65	10.6		50L	
R2.7*10.8*D6*50L*2T	●	R2.7	10.8		50L	2T
R2.75*11*D6*50L*2T	●	R2.75	11		50L	
R2.8*11.2*D6*50L*2F	●	R2.8	11.2		50L	
R2.85*11.4*D6*50L*2F	●	R2.85	11.4		50L	
R2.9*11.6*D6*50L*2F	●	R2.9	11.6		50L	
R2.95*11.8*D6*50L*2F	●	R2.95	11.8		50L	
R3.05*12.2*D8*60L*2F	●	R3.05	12.2		60L	
R3.1*12.4*D8*60L*2F	●	R3.1	12.4		60L	
R3.15*12.6*D8*60L*2F	●	R3.15	12.6		60L	
R3.2*12.8*D8*60L*2F	●	R3.2	12.8		60L	
R3.25*13*D8*60L*2F	●	R3.25	13		60L	
R3.3*13.2*D8*60L*2F	●	R3.3	13.2		60L	
R3.35*13.4*D8*60L*2F	●	R3.35	13.4		60L	2F
R3.4*13.6*D8*60L*2F	●	R3.4	13.6		60L	
R3.45*13.8*D8*60L*2F	●	R3.45	13.8		60L	
R3.5*14.2*D8*60L*2F	●	R3.55	14.2		60L	
R3.6*14.4*D8*60L*2F	●	R3.6	14.4		60L	2F
R3.65*14.6*D8*60L*2F	●	R3.65	14.6		60L	

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58度-4刃平底铣刀

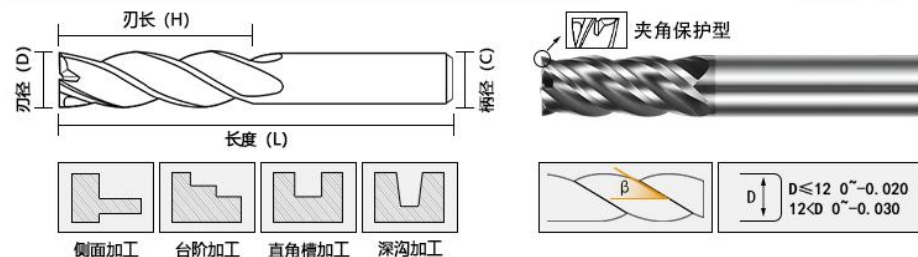
58 DEGREES
4-BLADE FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		D	H	C	L	
D1*3*4*50L*4F	●	D1	3	4	50L	4F
D1.5*4.5*4*50L*4F	●	D1.5	4.5	4	50L	4F
D2*6*2*50L*4F	●	D2	6	2	50L	4F
D2*6*4*50L*4F	●	D2	6	4	50L	4F
D2.5*7.5*4*50L*4F	●	D2.5	7.5	4	50L	4F
D3*9*4*50L*4F	●	D3	9	4	50L	4F
D3*9*3*50L*4F	●	D3	9	3	50L	4F
D3*12*3*75L*4F	●	D3	12	3	75L	4F
D3*15*3*100L*4F	●	D3	15	3	100L	4F
D3.5*10*4*50L*4F	●	D3.5	10	4	50L	4F
D4*10*4*50L*4F	●	D4	10	4	50L	4F
D4*16*4*75L*4F	●	D4	16	4	75L	4F
D4*20*4*100L*4F	●	D4	20	4	100L	4F
D5*13*6*50L*4F	●	D5	13	6	50L	4F
D5*13*5*50L*4F	●	D5	13	5	50L	4F
D5*20*5*75L*4F	●	D5	20	5	75L	4F
D5*25*5*100L*4F	●	D5	25	5	100L	4F
D6*15*6*50L*4F	●	D6	15	6	50L	4F
D6*24*6*75L*4F	●	D6	24	6	75L	4F
D6*30*6*100L*4F	●	D6	30	6	100L	4F
D6*45*6*150L*4F	●	D6	45	6	150L	4F
D8*20*8*60L*4F	●	D8	20	8	60L	4F
D8*30*8*75L*4F	●	D8	30	8	75L	4F
D8*35*8*100L*4F	●	D8	35	8	100L	4F
D8*50*8*150L*4F	●	D8	50	8	150L	4F
D10*25*10*75L*4F	●	D10	25	10	75L	4F
D10*40*10*100L*4F	●	D10	40	10	100L	4F
D10*60*10*150L*4F	●	D10	60	10	150L	4F

58度-4刃平底铣刀

58 DEGREES
4-BLADE FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		D	H	C	L	
D12*30*12*75L*4F	●	D12	30	12	75L	4F
D12*45*12*100L*4F	●	D12	45	12	100L	4F
D12*60*12*150L*4F	●	D12	60	12	150L	4F
D14*45*14*100L*4F	●	D14	45	14	100L	4F
D14*70*14*150L*4F	●	D14	70	14	150L	4F
D16*45*16*100L*4F	●	D16	45	16	100L	4F
D16*75*16*150L*4F	●	D16	75	16	150L	4F
D18*45*18*100L*4F	●	D18	45	18	100L	4F
D18*75*18*150L*4F	●	D18	75	18	150L	4F
D20*45*20*100L*4F	●	D20	45	20	100L	4F
D20*75*20*150L*4F	●	D20	75	20	150L	4F
D25*45*25*100L*4F	●	D25	45	25	100L	4F

● Mark: Standard stock item,
No mark: Made to order item.

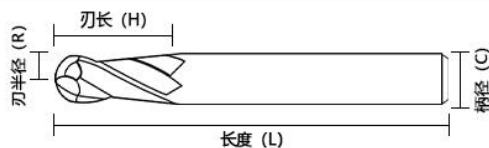
○● 表示库存 ○ 表示库存预定品

被加工材料适用表 ○ 非常适合 ○ 适合

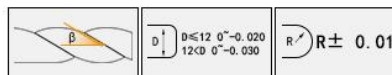
碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○		○			○	○			○	○

58度-2刃球头铣刀

58 DEGREES
2-PLADE BALL KNIFE



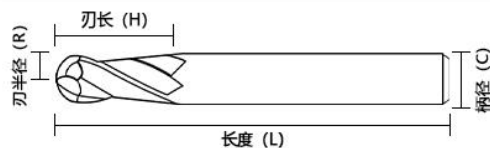
刀槽加工 深沟加工 仿形加工 型腔加工



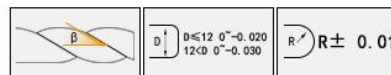
型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		R	H	C	L	
R0.5*2*D4*50L*2F	●	R0.5	2	D4	50L	2F
R0.75*3*D4*50L*2F	●	R0.75	3	D4	50L	2F
R1*4*D2*50L*2F	●	R1	4	D2	50L	2F
R1*4*D4*50L*2F	●	R1	4	D4	50L	2F
R1.25*6*D4*50L*2F	●	R1.25	6	D4	50L	2F
R1.5*6*D3*50L*2F	●	R1.5	6	D3	50L	2F
R1.5*6*D3*75L*2F	●	R1.5	6	D3	75L	2F
R1.5*6*D3*100L*2F	●	R1.5	6	D3	100L	2F
R1.5*6*D4*50L*2F	●	R1.5	6	D4	50L	2F
R1.75*7*D4*50L*2F	●	R1.75	7	D4	50L	2F
R2*8*D4*50L*2F	●	R2	8	D4	50L	2F
R2*8*D4*75L*2F	●	R2	8	D4	75L	2F
R2*8*D4*100L*2F	●	R2	8	D4	100L	2F
R2.5*10*D5*50L*2F	●	R2.5	10	D5	50L	2F
R2.5*10*D5*75L*2F	●	R2.5	10	D5	75L	2F
R2.5*10*D5*100L*2F	●	R2.5	10	D5	100L	2F
R2.5*10*D6*50L*2F	●	R2.5	10	D6	50L	2F
R3*12*D6*50L*2F	●	R3	12	D6	50L	2F
R3*12*D6*75L*2F	●	R3	12	D6	75L	2F
R3*12*D6*100L*2F	●	R3	12	D6	100L	2F
R3*12*D6*150L*2F	●	R3	12	D6	150L	2F
R4*16*D8*60L*2F	●	R4	16	D8	60L	2F
R4*16*D8*75L*2F	●	R4	16	D8	75L	2F
R4*16*D8*100L*2F	●	R4	16	D8	100L	2F
R4*16*D8*150L*2F	●	R4	16	D8	150L	2F
R5*20*D10*75L*2F	●	R5	20	D10	75L	2F

58度-2刃球头铣刀

58 DEGREES
2-PLADE BALL KNIFE



刀槽加工 深沟加工 仿形加工 型腔加工



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		R	H	C	L	
R5*20*D10*100L*2F	●	R5	20	D10	100L	2F
R5*20*D10*150L*2F	●	R5	20	D10	150L	2F
R6*24*D12*75L*2F	●	R6	24	D12	75L	2F
R6*24*D12*100L*2F	●	R6	24	D12	100L	2F
R6*24*D12*150L*2F	●	R6	24	D12	150L	2F
R7*28*D14*100L*2F	●	R7	28	D14	100L	2F
R7*28*D14*150L*2F	●	R7	28	D14	150L	2F
R8*32*D16*100L*2F	●	R8	32	D16	100L	2F
R8*32*D16*150L*2F	●	R8	32	D16	150L	2F
R9*36*D18*100L*2F	●	R9	36	D18	100L	2F
R9*36*D18*150L*2F	●	R9	36	D18	150L	2F
R10*40*D20*100L*2F	●	R10	40	D20	100L	2F
R10*40*D20*150L*2F	●	R10	40	D20	150L	2F

● Mark: Standard stock item,
No mark: Made to order item.

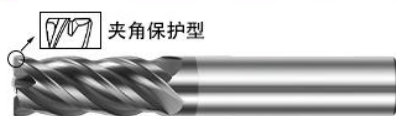
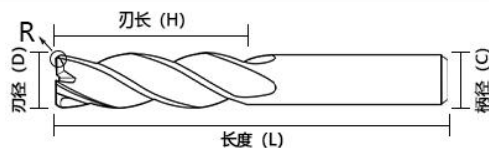
○● 表示库存 ○ 表示库存预定期

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○		○			○	○			○	○

58度-4刃圆鼻铣刀

58 DEGREES
4-BLADED ROUND NOSE KNIFE



刀槽加工 侧面加工 仿形加工



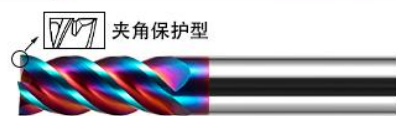
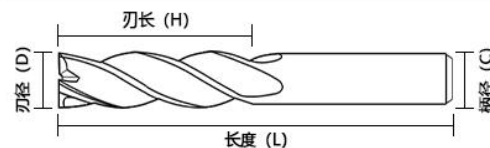
型号 Product midet	库存 store	规格尺寸(mm)						刃数 Blad
D	R	H	C	L				
D1R0.2*3*4*50L*4F	●	D1	R0.2	3	4	50L	4F	
D1.5R0.2*4.5*4*50L*4F	●	D1.5	R0.2	4.5	4	50L	4F	
D1.5R0.5*4.5*4*50L*4F	●	D1.5	R0.5	4.5	4	50L	4F	
D2R0.2*6*4*50L*4F	●	D2	R0.2	6	4	50L	4F	
D2R0.5*6*4*50L*4F	●	D2	R0.5	6	4	50L	4F	
D2.5R0.2*7.5*4*50L*4F	●	D2.5	R0.2	7.5	4	50L	4F	
D2.5R0.5*7.5*4*50L*4F	●	D2.5	R0.5	7.5	4	50L	4F	
D3R0.2*9*4*50L*4F	●	D3	R0.2	9	4	50L	4F	
D3R0.5*9*4*50L*4F	●	D3	R0.5	9	4	50L	4F	
D3R0.5*9*3*50L*4F	●	D3	R0.5	9	3	50L	4F	
D3R0.2*9*3*50L*4F	●	D3	R0.2	9	3	50L	4F	
D3R0.2*12*3*75L*4F	●	D3	R0.2	12	3	75L	4F	
D3R0.5*12*3*75L*4F	●	D3	R0.5	12	3	75L	4F	
D3R0.2*15*3*100L*4F	●	D3	R0.2	15	3	100L	4F	
D3R0.5*15*3*100L*4F	●	D3	R0.5	15	3	100L	4F	
D3R1*9*4*50L*4F	●	D3	R1	9	4	50L	4F	
D3R1*9*3*50L*4F	●	D3	R1	9	3	50L	4F	
D3R1*12*3*75L*4F	●	D3	R1	12	3	75L	4F	
D3R1*15*3*100L*4F	●	D3	R1	15	3	100L	4F	
D4R0.2*10*4*50L*4F	●	D4	R0.2	10	4	50L	4F	
D4R0.5*10*4*50L*4F	●	D4	R0.5	10	4	50L	4F	
D4R1*10*4*50L*4F	●	D4	R1	10	4	50L	4F	
D4R0.2*15*4*75L*4F	●	D4	R0.2	15	4	75L	4F	
D4R0.5*15*4*75L*4F	●	D4	R0.5	15	4	75L	4F	
D4R1*15*4*75L*4F	●	D4	R1	15	4	75L	4F	
D4R0.2*20*4*100L*4F	●	D4	R0.2	20	4	100L	4F	
D4R0.5*20*4*100L*4F	●	D4	R0.5	20	4	100L	4F	
D4R1*20*4*100L*4F	●	D4	R1	20	4	100L	4F	
D5R0.2*15*5*50L*4F	●	D5	R0.2	15	5	50L	4F	
D5R0.5*15*5*50L*4F	●	D5	R0.5	15	5	50L	4F	
D5R1*15*5*50L*4F	●	D5	R1	15	5	50L	4F	
D5R0.2*15*5*75L*4F	●	D5	R0.2	15	5	75L	4F	
D5R0.5*15*5*75L*4F	●	D5	R0.5	15	5	75L	4F	
D5R1*15*5*75L*4F	●	D5	R1	15	5	75L	4F	
D5R0.2*25*5*100L*4F	●	D5	R0.2	25	5	100L	4F	
D5R0.5*25*5*100L*4F	●	D5	R0.5	25	5	100L	4F	
D5R1*25*5*100L*4F	●	D5	R1	25	5	100L	4F	
D5R0.2*15*6*50L*4F	●	D5	R0.2	15	6	50L	4F	
D5R0.5*15*6*50L*4F	●	D5	R0.5	15	6	50L	4F	
D5R1*15*6*50L*4F	●	D5	R1	15	6	50L	4F	

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○	○	○	○	○	○	○			○	○

65度-4刃七彩平底铣刀

65 DEGREES
4-BLADE FLAT KNIFE



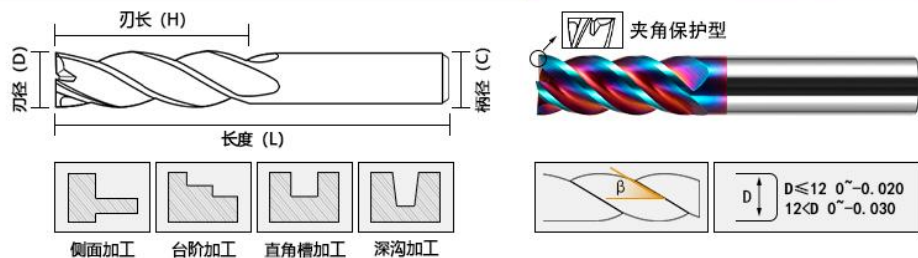
侧面加工 台阶加工 直角槽加工 深沟加工



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		D	H	C	L	
D1*3*4*50L*4F	●	D1	3	4	50L	4F
D1.5*4.5*4*50L*4F	●	D1.5	4.5	4	50L	4F
D2*6*2*50L*4F	●	D2	6	2	50L	4F
D2*6*4*50L*4F	●	D2	6	4	50L	4F
D2.5*7.5*4*50L*4F	●	D2.5	7.5	4	50L	4F
D3*9*4*50L*4F	●	D3	9	4	50L	4F
D3*9*3*50L*4F	●	D3	9	3	50L	4F
D3*12*3*75L*4F	●	D3	12	3	75L	4F
D3*15*3*100L*4F	●	D3	15	3	100L	4F
D3.5*10*4*50L*4F	●	D3.5	10	4	50L	4F
D4*10*4*50L*4F	●	D4	10	4	50L	4F
D4*16*4*75L*4F	●	D4	16	4	75L	4F
D4*20*4*100L*4F	●	D4	20	4	100L	4F
D5*13*6*50L*4F	●	D5	13	6	50L	4F
D5*13*5*50L*4F	●	D5	13	5	50L	4F
D5*20*5*75L*4F	●	D5	20	5	75L	4F
D5*25*5*100L*4F	●	D5	25	5	100L	4F
D6*15*6*50L*4F	●	D6	15	6	50L	4F
D6*24*6*75L*4F	●	D6	24	6	75L	4F
D6*30*6*100L*4F	●	D6	30	6	100L	4F
D6*45*D6*150L*4F	●	D6	45	6	150L	4F
D8*20*8*60L*4F	●	D8	20	8	60L	4F
D8*30*8*75L*4F	●	D8	30	8	75L	4F
D8*35*8*100L*4F	●	D8	35	8	100L	4F
D8*50*8*150L*4F	●	D8	50	8	150L	4F
D10*25*10*75L*4F	●	D10	25	10	75L	4F
D10*40*10*100L*4F	●	D10	40	10	100L	4F
D10*60*10*150L*4F	●	D10	60	10	150L	4F

65度-4刃七彩平底铣刀

65 DEGREES
4-BLADE FLAT KNIFE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		D	H	C	L	
D12*30*12*75L*4F	●	D12	30	12	75L	4F
D12*45*12*100L*4F	●	D12	45	12	100L	4F
D12*60*12*150L*4F	●	D12	60	12	150L	4F
D14*45*14*100L*4F	●	D14	45	14	100L	4F
D14*70*14*150L*4F	●	D14	70	14	150L	4F
D16*45*16*100L*4F	●	D16	45	16	100L	4F
D16*75*16*150L*4F	●	D16	75	16	150L	4F
D18*45*18*100L*4F	●	D18	45	18	100L	4F
D18*75*18*150L*4F	●	D18	75	18	150L	4F
D20*45*20*100L*4F	●	D20	45	20	100L	4F
D20*75*20*150L*4F	●	D20	75	20	150L	4F
D25*45*25*100L*4F	●	D25	45	25	100L	4F

● Mark: Standard stock item,
No mark: Made to order item.

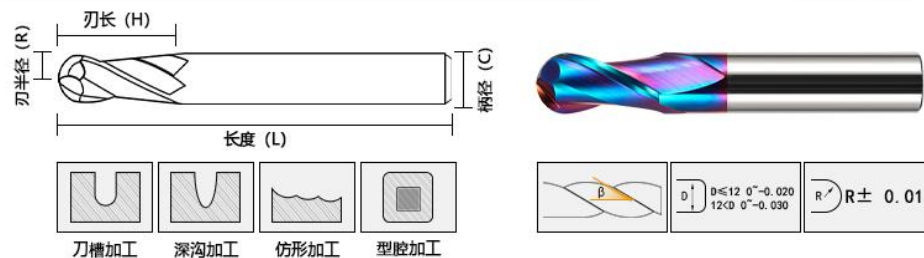
○ ● 表示库存 ○ 表示库存预定义

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○			○		○	○			○	○

65度-2刃七彩球头铣刀

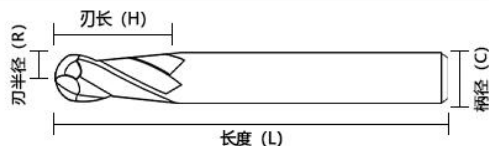
65 DEGREES
2-PLADE BALL KNIFE



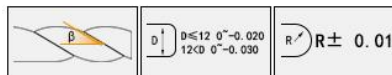
型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		R	H	C	L	
R0.75*3*D4*50L*2F	●	R0.75	3	D4	50L	2F
R1*4*D2*50L*2F	●	R1	4	D2	50L	2F
R1*4*D4*50L*2F	●	R1	4	D4	50L	2F
R1.25*6*D4*50L*2F	●	R1.25	6	D4	50L	2F
R1.5*6*D3*50L*2F	●	R1.5	6	D3	50L	2F
R1.5*6*D3*75L*2F	●	R1.5	6	D3	75L	2F
R1.5*6*D3*100L*2F	●	R1.5	6	D3	100L	2F
R1.5*6*D4*50L*2F	●	R1.5	6	D4	50L	2F
R1.75*7*D4*50L*2F	●	R1.75	7	D4	50L	2F
R2*8*D4*50L*2F	●	R2	8	D4	50L	2F
R2*8*D4*75L*2F	●	R2	8	D4	75L	2F
R2*8*D4*100L*2F	●	R2	8	D4	100L	2F
R2.5*10*D5*50L*2F	●	R2.5	10	D5	50L	2F
R2.5*10*D5*75L*2F	●	R2.5	10	D5	75L	2F
R2.5*10*D5*100L*2F	●	R2.5	10	D5	100L	2F
R2.5*10*D6*50L*2F	●	R2.5	10	D6	50L	2F
R3*12*D6*50L*2F	●	R3	12	D6	50L	2F
R3*12*D6*75L*2F	●	R3	12	D6	75L	2F
R3*12*D6*100L*2F	●	R3	12	D6	100L	2F
R3*12*D6*150L*2F	●	R3	12	D6	150L	2F
R4*16*D8*60L*2F	●	R4	16	D8	60L	2F
R4*16*D8*75L*2F	●	R4	16	D8	75L	2F
R4*16*D8*100L*2F	●	R4	16	D8	100L	2F
R4*16*D8*150L*2F	●	R4	16	D8	150L	2F
R5*20*D10*75L*2F	●	R5	20	D10	75L	2F
R5*20*D10*100L*2F	●	R5	20	D10	100L	2F
R5*20*D10*150L*2F	●	R5	20	D10	150L	2F
R6*24*D12*75L*2F	●	R6	24	D12	75L	2F

65度-2刃七彩球头铣刀

65 DEGREES
2-PLADE BALL KNIFE



刀槽加工 深沟加工 仿形加工 型腔加工



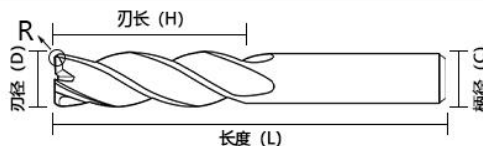
型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
		R	H	C	L	
R6*24*D12*100L*2F	●	R6	24	D12	100L	2F
R6*24*D12*150L*2F	●	R6	24	D12	150L	2F
R7*28*D14*100L*2F	●	R7	28	D14	100L	2F
R7*28*D14*150L*2F	●	R7	28	D14	150L	2F
R8*32*D16*100L*2F	●	R8	32	D16	100L	2F
R8*32*D16*150L*2F	●	R8	32	D16	150L	2F
R9*36*D18*100L*2F	●	R9	36	D18	100L	2F
R9*36*D18*150L*2F	●	R9	36	D18	150L	2F
R10*40*D20*100L*2F	●	R10	40	D20	100L	2F
R10*40*D20*150L*2F	●	R10	40	D20	150L	2F

● Mark: Standard stock item,
No mark: Made to order item.

○● 表示库存 ○ 表示库存预定义

65度-4刃七彩圆鼻铣刀

65 DEGREES
4-BLADED ROUND NOSE KNIFE



刀槽加工 侧面加工 仿形加工



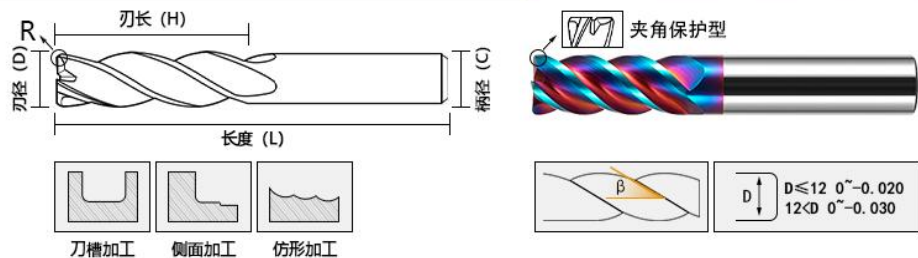
型号 Product midet	库存 store	规格尺寸(mm)					刃数 Blade
		D	R	H	C	L	
D1*R0.2*3*4*50L*4F	●	D1	R0.2	3	4	50L	4F
D1.5*R0.2*4.5*4*50L*4F	●	D1.5	R0.2	4.5	4	50L	4F
D1.5*R0.3*4.5*4*50L*4F	●	D1.5	R0.3	4.5	4	50L	4F
D2*R0.2*6*4*50L*4F	●	D2	R0.2	6	4	50L	4F
D2*R0.3*6*4*50L*4F	●	D2	R0.3	6	4	50L	4F
D2*R0.5*6*4*50L*4F	●	D2	R0.5	6	4	50L	4F
D2.5*R0.2*7.5*4*50L*4F	●	D2.5	R0.2	7.5	4	50L	4F
D2.5*R0.5*7.5*4*50L*4F	●	D2.5	R0.5	7.5	4	50L	4F
D3*R0.2*9*4*50L*4F	●	D3	R0.2	9	4	50L	4F
D3*R0.3*9*4*50L*4F	●	D3	R0.3	9	4	50L	4F
D3*R0.5*9*4*50L*4F	●	D3	R0.5	9	4	50L	4F
D3.5*R0.5*10*4*50L*4F	●	D3.5	R0.5	10	4	50L	4F
D3*R0.5*9*3*50L*4F	●	D3	R0.5	9	3	50L	4F
D3*R0.5*12*3*75L*4F	●	D3	R0.5	12	3	75L	4F
D3*R0.5*15*3*100*4F	●	D3	R0.5	15	3	100	4F
D3*R1*9*4*50L*4F	●	D3	R1	9	4	50L	4F
D3*R1*9*3*50L*4F	●	D3	R1	9	3	50L	4F
D3*R1*12*3*75*4F	●	D3	R1	12	3	75	4F
D3*R1*15*3*100L*4F	●	D3	R1	15	3	100L	4F
D4*R0.2*10*4*50L*4F	●	D4	R0.2	10	4	50L	4F
D4*R0.3*10*4*50L*4F	●	D4	R0.3	10	4	50L	4F
D4*R0.5*10*4*50L*4F	●	D4	R0.5	10	4	50L	4F
D4*R0.5*14*4*75*4F	●	D4	R0.5	14	4	75	4F
D4*R0.5*15*4*100L*4	●	D4	R0.5	15	4	100L	4
D4*R1*10*4*50L*4F	●	D4	R1	10	4	50L	4F
D4*R1*14*4*75L*4F	●	D4	R1	14	4	75L	4F
D4*R1*15*4*100L*4F	●	D4	R1	15	4	100L	4F
D5*R0.5*13*5*50L*4F	●	D5	R0.5	13	5	50L	4F
D5*R0.5*15*5*75L*4F	●	D5	R0.5	15	5	75L	4F
D5*R0.5*18*5*100L*4F	●	D5	R0.5	18	5	100L	4F
D5*R0.5*13*6*50*4F	●	D5	R0.5	13	6	50	4F

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○			○		○	○			○	○

65度-4刃七彩圆鼻铣刀

65 DEGREES
4-BLADED ROUND NOSE KNIFE



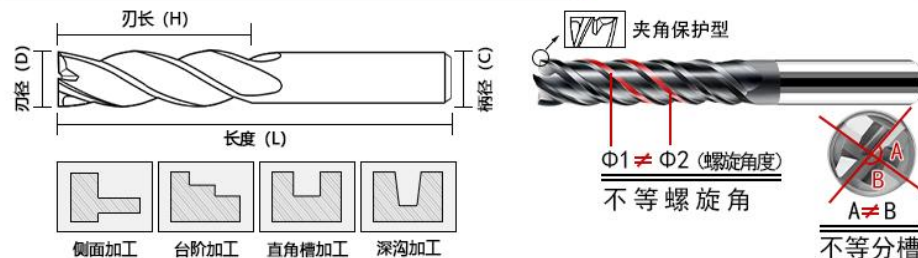
型号 Product midet	库存 store	规格尺寸(mm)					刃数
		D	R	H	C	L	Blade
D5*R1*13*5*50L*4F	●	D5	R1	13	5	50L	4F
D5*R1*15*5*75L*4F	●	D5	R1	15	5	75L	4F
D5*R1*18*5*100L*4F	●	D5	R1	18	5	100L	4F
D5*R1*13*6*50L*4F	●	D5	R1	13	6	50L	4F
D6*R0.5*15*6*50L*4F	●	D6	R0.5	15	6	50L	4F
D6*R0.5*20*6*75L*4F	●	D6	R0.5	20	6	75L	4F
D6*R0.5*25*6*100L*4F	●	D6	R0.5	25	6	100L	4F
D6*R1*15*6*50L*4F	●	D6	R1	15	6	50L	4F
D6*R1*20*6*75L*4F	●	D6	R1	20	6	75L	4F
D6*R1*25*6*100L*4F	●	D6	R1	25	6	100L	4F
D8*R0.5*20*8*60L*4F	●	D8	R0.5	20	8	60L	4F
D8*R0.5*25*8*75L*4F	●	D8	R0.5	25	8	75L	4F
D8*R0.5*30*8*100L*4F	●	D8	R0.5	30	8	100L	4F
D8*R1*20*8*60L*4F	●	D8	R1	20	8	60L	4F
D8*R1*25*8*75L*4F	●	D8	R1	25	8	75L	4F
D8*R1*30*8*100L*4F	●	D8	R1	30	8	100L	4F
D10*R0.5*25*10*75L*4F	●	D10	R0.5	25	10	75L	4F
D10*R0.5*30*10*100L*4F	●	D10	R0.5	30	10	100L	4F
D10*R1*25*10*75L*4F	●	D10	R1	25	10	75L	4F
D10*R1*30*10*100L*4F	●	D10	R1	30	10	100L	4F
D12*R0.5*30*12*75L*4F	●	D12	R0.5	30	12	75L	4F
D12*R0.5*35*12*100L*4F	●	D12	R0.5	35	12	100L	4F
D12*R1*30*12*75L*4F	●	D12	R1	30	12	75L	4F
D12*R1*35*12*100L*4F	●	D12	R1	35	12	100L	4F

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○			○		○	○			○	○

68度-4刃不等分模框倒锥立铣刀

68 DEGREES
4-BLADE



型号 Product midet	库存 store	规格尺寸(mm)				刃数 Blade
D6*18H*6*4T*50L	●	D6	18H	6	50L	4T
D6*21H*6*4T*50L	●	D6	21H	6	50L	4T
D6*25H*6*4T*75L	●	D6	25H	6	75L	4T
D8*25H*8*4T*60L	●	D8	25H	8	60L	4T
D8*35H*8*4T*75L	●	D8. 0	35H	8	75L	4T
D8*45H*8*4T*100L	●	D8. 0	45H	8	100L	4T
D10*30H*10*4T*75L	●	D10	30H	10	75L	4T
D10*35H*10*4T*75L	●	D10	35H	10	75L	4T
D10*45H*10*4T*100L	●	D10	45H	10	100L	4T
D10*50H*10*4T*100L	●	D10	50H	10	100L	4T
D12*36H*12*4T*75L	●	D12	36H	12	75L	4T
D12*40H*12*4T*75L	●	D12	40H	12	75L	4T
D12*50. 5H*12*4T*100L	●	D12	50. 5H	12	100L	4T
D12*55H*12*4T*100L	●	D12	55H	12	100L	4T

● Mark: Standard stock item,
No mark: Made to order item.

○ 表示库存 ○ 表示库存预定义

被加工材料适用表 ○ 非常适合 ○ 适合

碳素钢	合金钢	预硬钢、淬硬钢				不锈钢	铸铁球墨铸铁	铜合金	铝合金	钛合金	耐热合金
		~55HRC	~58HRC	~65HRC	~68HRC						
○	○				○	○	○			○	○