

宁波欧乐机械有限公司
NINGBO OULE MACHINE CO., LTD.

宁波德克刀具有限公司
NINGBO DEREK TOOLS CO.,LTD.

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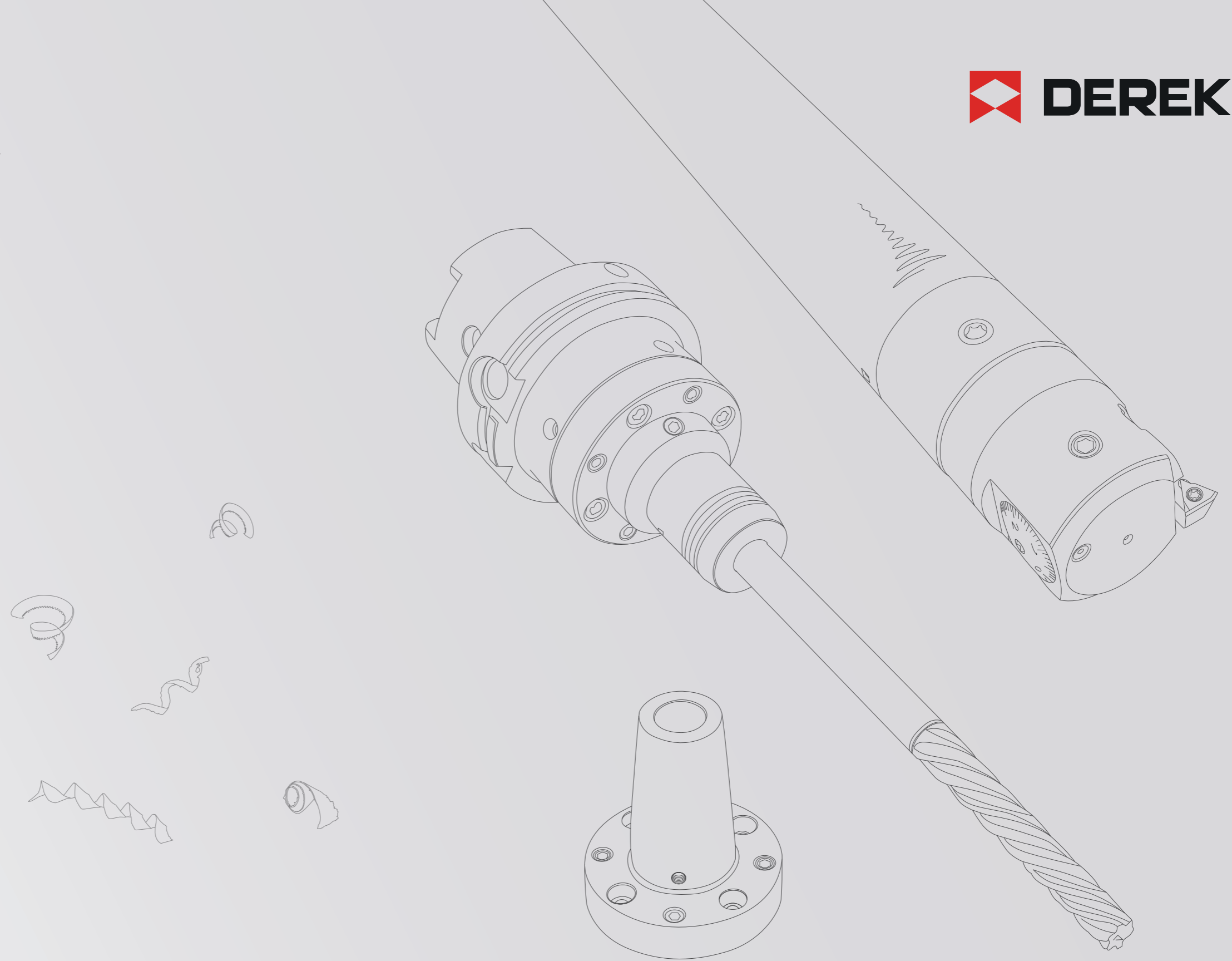
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We reserve the rights to update the products
specification without prior notice.

导购手册
2023年

TOOLING
SYSTEM



ABOUT DEREK

德克简介



工厂1
Factory I



工厂2
Factory II

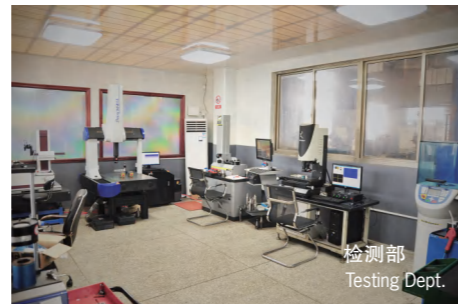


工厂3
Factory III

宁波欧乐机械有限公司及宁波德克刀具有限公司为“DEREK”刀具品牌在国内的制造加工企业及营销中心，并在中国宁波设有占地 25 亩的一期工厂加工区及占地 30 亩的二期工厂加工区。

公司自 1993 年成立至今，20 多年专注于研发，是国内极少数拥有完整数控刀具现代化生产线的制造企业，拥有 30 多项核心专利，多项国际认证，享誉海内外客户及业内同行！

Ningbo Oule Machine Co., Ltd., established in 1993, is the research and manufacturing center of Derek Tools and specialized in CNC milling cutters, turning tools, tool holders, and boring tools. Our mission is to provide high quality products and a-class service, including providing our customers with tools solution, helping them get smooth production.



检测部
Testing Dept.

德克刀具每款产品都承载着“制造一流产品、提供一流服务”企业宗旨，“为客户提供数控刀具整体解决方案、助其更好的服务市场以获得全球性的成功”是德克刀具的企业诉求。

通过不断技术革新，德克刀具客户遍布70多个国家和地区，建立了初步的全球营销网络！通过大量专业人才和先进的高科技生产检测设备，在先进管理理念和国际质量体系的引导下，通过公司全体员工的智慧和不断辛勤努力开发的德克刀具以其新颖的结构、精湛的工艺、优越的性能，德克刀具获得了客户的一致好评和广泛认同。

We work with the most experienced engineers in high precise tools area, and we have the testing equipments to make sure our tools are qualified. During the past years, we focused on the further development, working with high-tech research institutions all over the world. With our efforts, we won an award of patent of 0.002mm precision adjustmet for FBH micro boring tools.

Meanwhile, we improved the whole factory management level. Today, Derek enjoys good reputation among the CNC tools field.



高新技术企业



FBH Micro-boring Tool FBH 极细微调精镗刀 A02	FBH Micro Back-boring Tool FBH 极细微调精镗反镗刀 A02	FBH Micro-boring Body FBH 极细微调精镗刀-精镗刀本体 A02	FBH Micro-boring Bar FBH 精镗刀杆 A03
Insert Holder For FBH Boring Tool FBH 精镗刀片座 A03	DCK3-FBH32P Micro-finishing Boring Kit DCK3-FBH32P 极细微调精镗孔系统 A04	DCK4-FBH40P Micro-finishing Boring Kit DCK4-FBH40P 极细微调精镗孔系统 A05	DCK5-FBH50P Micro-finishing Boring Kit DCK5-FBH50P 极细微调精镗孔系统 A06
DCK6-FBH63P Micro-finishing Boring Kit DCK6-FBH63P 极细微调精镗孔系统 A07	DCK6-FBH80 Micro-finishing Boring Tool DCK6-FBH80 极细微调精镗孔系统 A08	CBH Finish Boring Tool CBH 微调精密镗头 A11	FMS-CBH Large Diameter Boring Tool For Finishing FMS-CBH 大径微调精密镗头 A12
FMX-CBH Large Diameter Boring Tool For Finishing FMX-CBH 大径微调精密镗头 A13	FMX-CBH Large Diameter Boring Tool For Finishing FMX-CBH 大径微调精密镗头 A14	CBHM Boring Tool For Pin Turning CBHM 微调精密外镗头 A15	CBHL Boring Tool For Pin Turning (Large Diameter) CBHL 微调精密外镗头 A16
DBJ10/12/16 Micro-boring Head DBJ10/12/16 微调精密镗头 A17	DBJ10/12/16 Micro-boring Bar DBJ10/12/16 微调镗头刀杆 A17-A18	DBJ Micro-boring Tool Kit DBJ 微调精镗套装组合 A18	DBJ Collet For Solid Carbide Boring Bar DBJ 硬质合金镗刀杆专用筒夹 A19
DT Solid Carbide Boring Bar DT 硬质合金镗刀杆 A19	DEB Insert Holder DEB 拾弃式镗头 A19	NBH2084 Micro-boring Head NBH2084 微调精密镗头 A20	DBJ20 Micro-Boring Bar DBJ20 微调精密镗头刀杆 A20
NBH2084 Micro-Boring Tool Kit NBH2084 微调精镗套装组合 A20	ABH Rough Boring Tool ABH 分体式粗镗头 A21	ABH 6° Rough Boring Tool ABH 6° 分体式粗镗头 A21	ABH Rough Back-boring Tool ABH 反镗式粗镗头 A22
ABH Twin-bit Rough Boring Body ABH 分体式粗镗头本体 A22	Inserts Holder For ABH Rough Boring Tool ABH 粗镗头刀座 A23	Cartridge For ABH 6° Rough Boring Tool ABH 6° 粗镗头刀座 A23	Inserts Holder For ABH Rough Back-boring Tool ABH 反镗式粗镗头刀座 A24

DBH Rough Boring Tool DBH 分体式粗镗头 A25	Cartridge for DBH Rough Boring Tool DBH 粗镗头刀座 A25	DBH 6° Rough Boring Tool DBH 6° 分体式粗镗头 A26	Cartridge for DBH 6° Rough Boring Tool DBH 6° 粗镗头刀座 A26
FMS-DBH Large Diameter Rough Boring Tool FMS-DBH 大径双刃粗镗头 A27	FMX-DBH Large Diameter Rough Boring Tool FMX-DBH 大径双刃粗镗头 A28	FMX-DBH Large Diameter Rough Boring Tool FMX-DBH 大径双刃粗镗头 A29	BSA 45° Boring Holder With Square Boring Bit BSA45度粗镗孔刀柄 A30
BSB 90° Boring Holder With Square Boring Bit BSB90度粗镗孔刀柄 A31	TBS Square Boring Bit TBS 舍弃式镗孔刀杆 A32	CBS Square Boring Bit CBS 舍弃式镗孔刀杆 A33	SB Fixed Rough Boring Bar SB 固定式粗镗刀杆 A34
KSD-W Indexable Insert Drill (3xD) KSD-W 舍弃式快速钻头 (3倍长) A35-A36	KSD-W Indexable Insert Drill (4xD) KSD-W 舍弃式快速钻头 (4倍长) A37-A38	KSD-S Indexable Insert Drill (3xD) KSD-S 舍弃式快速钻头 (3倍长) A39-A40	KSD-S Indexable Insert Drill (4xD) KSD-S 舍弃式快速钻头 (4倍长) A41-A42
KSD-S Indexable Insert Drill (4xD) KSD-S 舍弃式快速钻头 (5倍长) A43-A44	HSK-DCK Boring Adapter HSK-DCK 镗头刀柄 A45-A46	BT-DCK Boring Adapter BT-DCK 镗头刀柄 A47-A48	BBT-DCK Boring Adapter BBT-DCK 镗头刀柄 A49-A50
SK-DCK Boring Adapter SK-DCK 镗头刀柄 A51-A52	CAT-DCK Boring Adapter CAT-DCK 镗头刀柄 A53	NBH2084 Boring Adapter NBH2084 镗头刀柄 A53	FM Boring Adapter FM 镗头刀柄 A54
DCK Extension DCK 等径延长接柄 A55	DCK Reducer DCK 异径转换接柄 (大接小) A55	CR Chamfering Cutter CR 倒角刀 A56	MKT Boring Cartridge MKT 微调精镗单元 A58
MAC Boring Cartridge MAC 微调精镗刀座 A60	Inserts Holder SFC For Roughing SFC 粗镗刀座 A62	Inserts Holder SFC For Roughing SFC 粗镗刀座 A62	Inserts Holder SLC For Roughing SLC 粗镗刀座 A62

Inserts Holder SSC For Roughing
SSC 粗镗刀座



A63

Inserts Holder SSC For Roughing
SSC 粗镗刀座



A63

HSK Blank Adapter
HSK 毛坯刀柄



A64

BT Blank Adapter
BT 毛坯刀柄



A64

SK Blank Adapter
SK 毛坯刀柄



A64

Manuals Of Boring Tools
镗刀说明书



A69-A75

DCK-SCBH Anti-vibration Finish Boring
DCK-SCBH 阻尼减振精镗刀



B02

SDCK Anti-vibration Extension
SDCK 阻尼减振延长杆



B02

BT-SDCK Anti-vibration Boring Adapter
BT-SDCK 阻尼减振镗刀柄



B03

SCB-SDCK Anti-vibration Boring Bar
SCB-SDCK 阻尼减振直柄镗刀杆



B03

BT-SFMB Anti-vibration Face Mill Holder
BT-SFMB 阻尼减振平面铣刀柄



B04

MCLNR/L Anti-vibration Turning Tool Head
MCLNR/L 阻尼减振车刀头



B05

MDUNR/L Anti-vibration Turning Tool Head
MDUNR/L 阻尼减振车刀头



B05

MVUNR/L Anti-vibration Turning Tool Head
MVUNR/L 阻尼减振车刀头



B06

SCLCR/L Anti-vibration Turning Tool Head
SCLCR/L 阻尼减振车刀头



B06

SDUCR/L Anti-vibration Turning Tool Head
SDUCR/L 阻尼减振车刀头



B07

SVUCR/L Anti-vibration Turning Tool Head
SVUCR/L 阻尼减振车刀头



B07

SVLCR/L Anti-vibration Turning Tool Head
SVLCR/L 阻尼减振车刀头



B08

SDPCR/L Anti-vibration Turning Tool Head
SDPCR/L 阻尼减振车刀头



B08

SDZCR/L Anti-vibration Turning Tool Head
SDZCR/L 阻尼减振车刀头



B09

SVZCR/L Anti-vibration Turning Tool Head
SVZCR/L 阻尼减振车刀头



B09

MCLNR/L Anti-vibration Turning Tool Head
MCLNR/L 阻尼减振车刀头



B10

MDUNR/L Anti-vibration Turning Tool Head
MDUNR/L 阻尼减振车刀头



B10

MDZNR/L Anti-vibration Turning Tool Head
MDZNR/L 阻尼减振车刀头



B11

MDPNR/L Anti-vibration Turning Tool Head
MDPNR/L 阻尼减振车刀头



B11

MVZNR/L Anti-vibration Turning Tool Head
MVZNR/L 阻尼减振车刀头



B12

SDUCR/L Anti-vibration Turning Tool Head
SDUCR/L 阻尼减振车刀头



B12

SVLCR/L Anti-vibration Turning Tool Head
SVLCR/L 阻尼减振车刀头



B13

SDV Anti-vibration Turning Tool Holder
SDV 阻尼减振车刀杆



B13

SDV Anti-vibration Turning Tool Holder
SDV 阻尼减振车刀杆



B14

SDV Anti-vibration Turning Tool Holder
SDV 阻尼减振车刀杆



B14

Anti-vibration Reducing Head
阻尼减振车刀缩径头



B15

Centre Calibration Block
中心校准块



B15

HSK-DHP-Z Adjustable Hydraulic Chuck
HSK-DHP-Z 可调液压刀柄



C11

HSK-SF-Z Adjustable Shrink Fit Chuck
HSK-SF-Z 可调热缩刀柄



C11

BT-DHP-Z Adjustable Hydraulic Chuck
BT-DHP-Z 可调液压刀柄



C12

BT-SF-Z Adjustable Shrink Fit Chuck
BT-SF-Z 可调热缩刀柄



C12

SK-DHP-Z Adjustable Hydraulic Chuck
SK-DHP-Z 可调液压刀柄



C13

SK-SF-Z Adjustable Shrink Fit Chuck
SK-SF-Z 可调热缩刀柄



C13

FL-DHP-Z Adjustable Hydraulic Head
FL-DHP-Z 可调液压头



C14

FL-SF-Z Adjustable Shrink Fit Head
FL-SF-Z 可调热缩头



C14

HSK-A-FL Adjustable Adapter
HSK-A-FL 可调基础柄



C15

BT-FL Adjustable Adapter
BT-FL 可调基础柄



C15

SK-FL Adjustable Adapter
SK-FL 可调基础柄



C15

HSK-A-DHP Hydraulic Chuck
HSK-A-DHP 液压刀柄



C16-C17

HSK-A-DHP Super Slim Hydraulic Chuck
HSK-A-DHP 超细长液压刀柄



C17

HSK-A-SF Shrink Fit Holder
HSK-A-SF 烧结式热装刀柄 (一体式)



C18-C19

HSK-A-DSF Shrink Fit Holder
HSK-A-DSF 烧结式热装刀柄 (分体式)



C20

HSK-A-DC Precision Slim Collet Chuck
HSK-A-DC 小径精密筒夹刀柄



C20

HSK-A-GSK High Precision Collet Chuck
HSK-A-GSK 高速精密筒夹刀柄



C21

HSK-A-ER Spring Collet Chuck
HSK-A-ER 弹性筒夹刀柄



C22-C23

HSK-A-VER Split Synch Tapping Chuck
HSK-A-VER 分体式微补偿攻牙刀柄



C23

HSK-TPM Tapping Chuck With High Rigidity
HSK-TPM 扭力伸缩攻牙刀柄



C24

HSK-A-HPM High-Speed Power Chuck
HSK-A-HPM 高速强力刀柄



C24

HSK-A-HPC High-Speed Power Chuck
HSK-A-HPC 高速强力刀柄



C25

HSK-A-SLN Side-lock Holder
HSK-A-SLN 侧锁式刀柄



C26

HSK-A-SLNB Side-lock Holder
HSK-A-SLNB 侧锁式刀柄



C27

HSK-A-MTA Morse Taper Adapter
HSK-A-MTA 莫氏锥套刀柄 (钻头套筒)



C27

HSK-A-SPU Drill Chuck Holder
HSK-A-SPU 直结式钻夹头刀柄



C28

HSK-A-FMB Face Mill Holder
HSK-A-FMB 平面铣刀柄



C28

HSK-A-DSC Side Cutter Holder
HSK-A-DSC 侧铣刀柄



C29

BT-DHP Hydraulic Chuck
BT-DHP 液压刀柄



C30-C31

BT-DHP Super Slim Hydraulic Chuck
BT-DHP 超细长液压刀柄



C32

BT-SF Shrink Fit Holder
BT-SF 烧结式热装刀柄 (一体式)



C33-C35

BT-DSF Shrink Fit Holder
BT-DSF 烧结式热装刀柄 (分体式)



C35

BT-DC Precision Slim Collet Chuck
BT-DC 小径精密筒夹刀柄



C36

BT-GSK High Precision Collet Chuck
BT-GSK 高速精密筒夹刀柄



C37-C38

BT-DSK High Precision Collet Chuck
BT-DSK 高速精密筒夹刀柄



C38-C39

BT-ER Spring Collet Chuck
BT-ER 弹性筒夹刀柄



C40-C41

BT-VER Split Synch Tapping Chuck
BT-VER 分体式微补偿攻牙刀柄



C41

BT-TPM Tapping Chuck With High Rigidity
BT-TPM 扭力伸缩攻牙刀柄



C42

BT-HPM High-Speed Power Chuck
BT-HPM 高速强力刀柄



C43

BT-HPC High-speed Power Chuck
BT-HPC 高速强力刀柄



C44

BT-MLC Power Chuck
BT-MLC 强力刀柄



C45

BT-MLC Power Chuck Kit
BT-MLC 强力筒夹本体套装组



C45

BT-SLN Side-lock Holder
BT-SLN 侧固式刀柄



C46-C47

BT-MTA Morse Taper Holder
BT-MTA 莫氏锥套刀柄 (钻头套筒)



C48

BT-MTB Morse Taper Holder
BT-MTB 莫氏锥套刀柄 (螺丝锁紧)



C49

BT-SPU Drill Chuck Holder
BT-SPU 直结式钻头夹头刀柄



C49

BT-FMA Face Mill Holder
BT-FMA 平面铣刀柄 (直柄式)



C50

BT-FMB Face Mill Holder
BT-FMB 平面铣刀柄 (直柄式)



C51

BT-FMBBG Face Mill Holder With Extra Taper Shank
BT-FMB-BG 平面铣刀柄 (加长斜度柄)



C52

BT-DSC Side Cutter Holder
BT-DSC 侧铣刀柄



C52

BT-SLO Oil-feed Holder
BT-SLO 油路刀柄



C53

CSO Reducing Sleeve
CSO 油路刀套



C53

PB Oil-feed Holder Positioning Block
PB油路止动块



C53

SK-DHP Hydraulic Chuck
SK-DHP 液压刀柄



C54-C55

SK-DHP Super Slim Hydraulic Chuck
SK-DHP 超细长液压刀柄



C56

SK-SF Shrink Fit Holder
SK-SF 烧结式热装刀柄 (一体式)



C57-C59

SK-DSF Shrink Fit Holder
SK-DSF 烧结式热装刀柄 (分体式)



C59

SK-DC Precision Slim Collet Chuck
SK-DC 小径精密筒夹刀柄



C60

SK-GSK High Precision Collet Chuck
SK-GSK 高速精密筒夹刀柄



C61-C62

SK-DSK High Precision Collet Chuck
SK-DSK 高速精密筒夹刀柄



C63-C64

SK-ER Spring Collet Chuck
SK-ER 弹性筒夹刀柄



C65-C66

SK-VER Split Synch Tapping Chuck
SK-VER 分体式微补偿攻牙刀柄



C66

SK-TPM Tapping Chuck With High Rigidity
SK-TPM 扭力伸缩攻牙刀柄



C67

SK-HPM High-Speed Power Chuck
SK-HPM 高速强力刀柄



C68

SK-HPC High-Speed PowerChuck
SK-HPC 高速强力刀柄



C68

SK-MLC Power Chuck
SK-MLC 强力刀柄



C69

SK-MLC Power Chuck Kit
SK-MLC 强力筒夹本体套装组



C69

SK-SLN Side Lock Holder
SK-SLN 侧固式刀柄



C70

SK-MTA Morse Taper Holder
SK-MTA 莫氏锥套刀柄 (钻头套筒)



C71

SK-MTB Morse Taper Holder
SK-MTB 莫氏锥套刀柄 (螺丝锁紧)



C71

SK-SPU Drill Chuck Holder
SK-SPU 直结式钻头夹头刀柄



C72

SK-FMB Face Milling Holder
SK-FMB 平面铣刀柄



C72

SK-DSC Side Cutter Holder
SK-DSC 侧铣刀柄



C73

SK-SLO Oil-feed Holder
SK-SLO 油路刀柄



C74

DSF Shrink Fit Extender
DSF 烧结式热装延长杆



C75

SF Shrink Fit Extender
SF 烧结式热装延长杆



C76

DC Collet Extender
DC 小径延长杆



C76

DSK Collet Extender
DSK 弹性筒夹延长杆



C77

ER Collet Extender
ER 弹性筒夹延长杆



C77

ERM Collet Extender
ERM 弹性筒夹延长杆



C78

DCK-VER Split Synch Tapping Chuck
DCK-VER 分体式微补偿攻牙刀柄



C78

C-VER Split Synch Tapping Chuck
C-VER 分体式微补偿攻牙刀柄



C79

VER Split Synch Tapping Extender
VER 分体式微补偿攻牙延长杆



C79

VER-DC Split Synch Tapping Extender
VER-DC 分体式微补偿攻牙延长杆



C80

VER Lock(Fixed)
VER 锁刀座



C80

Hydraulic Collet - Flange Cooling
D型端面出水液压刀柄转换筒夹



C81

Hydraulic Collet - Internal Cooling
OD型中心出水液压刀柄转换筒夹



C81

DSK Precision Collet
DSK 精密弹性筒夹



C82

DSK-C Sealing Precision Collet
DSK-C 止水精密弹性筒夹



C83

DSK Collet Puller
DSK 筒夹拆卸器



C83

DC Slim Collet
DC 小径筒夹



C84

ER Collet
ER 弹性筒夹



C85

ERC Sealing Collet
ER-C 止水弹性筒夹



C86

TPD316 Tapping Collet
TPD316 攻牙筒夹



C87

TPD830 Tapping Collet
TPD830 攻牙筒夹



C88

ER-G Tapping Collet
ER-G 攻牙筒夹



C89

SC Power Collet
SC 强力筒夹



C90

Clamping Nut For GSK/DSK Collet Chuck
GSK/DSK 高速刀柄专用螺帽



C91

Clamping Nut For ER Collet Chuck
ER 夹头螺帽



C91

Wrench for HSK Coolant Pipe
HSK 冷却液导管扳手



C92

Wrench For GSK Tool Holder
GSK 套筒专用扳手



C92

Wrench For DSK Tool Holder
DSK 专用扳手



C92

Wrench For ER Tool Holder
ER 专用扳手



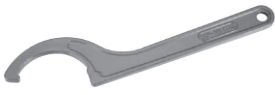
C92

Wrench For Milling Chuck HPM
HPM 强力弹性套筒专用扳手



C93

Wrench For Tool Holder MLC/HPC
MLC/HPC 强力刀柄专用扳手



C93

Wrench For Drill Chuck SPU
SPU 钻夹头专用扳手



C93

Wrench For DC Extender
DC 延长杆专用扳手



C93

HSK-CPA Coolant Pipe
HSK-CPA 填充管



C94

BT Pull Stud Without Hole
BT 螺栓拉头



C94

BT Pull Stud With Cooling Hole
BT 螺栓出水拉头



C94

SK Pull Stud With Cooling Hole
SK 螺栓拉头



C95

CAT Pull Stud With Cooling Hole
CAT 螺栓出水拉头



C95

MAZAK Pull Stud
MAZAK 螺栓拉头



C95

DIN2080 Pull Stud
DIN2080 螺栓拉头



C96

MTB Tension Screw
MTB 拉紧拉头



C96

SF-3500S Induction Heating Machine
SF-3500S 电磁感应热缩机



C102

Induction Head
底座圆筒



C102

Tool Holder Adapter
刀柄底座



C102

Clamp For Tools
铣刀弹簧卡片



C102

Clamp Ring
卡簧钳



C102

DK Tool Presetter
DK 刀具设定仪



C103

Testing Bar
机床主轴跳动测试棒



C103

Adapter
变径转换套



C103

Type-MFXN Square Face Milling cutter
MFXN型 90° 面铣刀



D01

Type-MFWN Square Face Milling Cutter
MFWN型 90° 面铣刀



D02

Type- HN45 45° Face Mill
HN45型 45° 面铣刀



D03

Type- SN45 45° Face Mill
SN45型 45° 面铣刀



D04

ASR Screw-on Cutter For High-feed Milling
ASR 锁牙式大进给端铣刀头



D05

EMR Screw-on Milling Cutter
EMR 锁牙式端铣刀头



D05

TRS Screw-on Milling Cutter
TRS 锁牙式端铣刀头



D06

RCF Screw-on Ball-nose Cutter For Roughing
RCF 锁牙式球形中粗刀头



D06

BF Screw-on Ball-nose Cutter For Finishing
BF 锁牙式球形精铣刀头



D07

300R/400R Screw-on Milling Cutter
300R/400R 锁牙式清角端铣刀头



D07

AJU Screw-on Cutter For Drilling Milling
AJU 锁牙式过中心钻铣刀头



D08

DS Solid Carbide Holder
DS 抗振铣刀头接杆



D09

AJX High Feed Indexable Milling Tool
AJX 大进给立铣刀



D11

SKS High Feed Indexable Milling Tool
SKS 大进给立铣刀



D12

ASR High-feed Milling Cutter
ASR 大进给立铣刀



D13

AHU Shoulder Milling Cutter
AHU 清角台肩铣刀



D14-D15

EMR Indexable End Mill
EMR 舍弃式端铣刀



D16-D17

EMRT Indexable End Mill
EMRT 舍弃式端铣刀



D18

TRS Indexable Milling Cutter
TRS 舍弃式端铣刀



D19-D20

RCF Ball-nose Indexable Cutter For Roughing
RCF 球形中粗刀



D21

BF Ball-nose Milling Cutter For Finishing
BF 球头精加工立铣刀



D22

300R/400R High Speed Indexable End Mill
300R/400R 清角高速端铣刀



D23-D24

AJU Cutter For Centering And Drilling
AJU 过中心钻铣刀



D25

ATS T-Slot Milling Cutter
ATS-T型槽端铣刀



D26

ASJ Cutter For Drilling And Milling
ASJ 钻铣共用型铣刀(短刀型)



D26

CH Indexable Cutter For Pocketing
CH 螺丝沉头孔铣刀



D27

TP60°,45°,30° Chamfering Cutter
TP60°,45°,30° 直柄型倒角刀



D27

EM45° Internal And External Chamfering Cutter
EM45° 内外倒角刀



D28

SSP45° Cutter For Centering And Chamfering
SSP45° 定位倒角刀



D28

AJX High-feed Face Mill
AJX 大进给面铣刀头



D29

SKS High-feed Face Mill
SKS 大进给面铣刀头



D29

EMRW Face Milling Cutter
EMRW 圆刀平面铣刀头



D30

TRS Face Milling Cutter
TRS 圆刀刃平面铣刀头



D31

400R Square Face Mill
400R 清角平面铣刀头



D32

FP45° Face Mill Head
FP45° 平面铣刀头



D33

FP75° Face Mill Head
FP75° 平面铣刀头



D33

SE45° High-speed Face Mill
SE45° 高速平面铣刀头



D34

TDC Slot Milling Cutter
TDC 槽铣刀



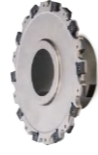
D35

TDCW Slot Milling Cutter
TDCW 槽铣刀



D35

GDC Indexable Side Cutter For Slotting
GDC 舍弃式侧铣刀



D36

SDC Indexable Side Cutter For Slotting
SDC 舍弃式侧铣刀



D37

CDC Indexable Side Cutter For Slotting
CDC 舍弃式侧铣刀



D38

WDC Indexable Side Cutter For Slotting
WDC 舍弃式侧铣刀



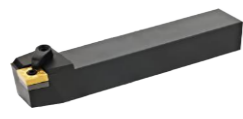
D39

MCLNR/L



E01

MCBNR/L



E01

MCKNR/L



E02

MCGNR/L



E02

MCSNR/L



E03

MCMNN



E03

MCMNN-40



E04

MDJNR/L



E04

MDPNN



E05

MDQNR/L



E05

MSBNR/L



E06

MSDNN



E06

MSKNR/L



E07

MSSNR/L



E07

MTENN



E08

MTJNR/L



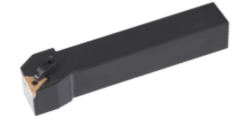
E08

MTFNR/L



E09

MTGNR/L



E09

MTQNR/L



E10

MVJNR/L



E10

MVQNR/L



E11

MVUNR/L



E11

MVNN



E12

MWLNRL/L



E12

WTJNR/L



E13

WTQNR/L



E13

WTENN



E14

WWLNRL/L



E14

SCACR/L



E15

SCBCR/L



E15

SCFCR/L



E16

SCKCR/L



E16

SCLCR/L



E17

SCMCN



E17

SCMCN-40



E18

SDACR/L



E18

SDFCR/L



E19

SDJCR/L



E19

SDNCN



E20

SDQCR/L



E20

SRACR/L



E21

SRDCN



E21

STECR/L



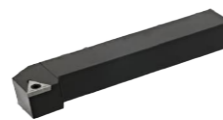
E22

STFCR/L



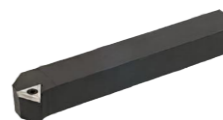
E22

STGCR/L



E23

STWCR/L



E23

SSBCR/L



E24

SSDCN



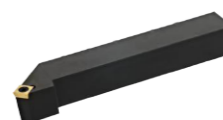
E24

SSKCR/L



E25

SSSCR/L



E25

SVJ*R/L



E26

SVQ*R/L



E26



DP-2-R / Corner Radius / Standard / 2 Flutes
DP-2-R 两刃直柄圆弧立铣刀



F09

DP-4-R / Corner Radius / Standard / 4 Flutes
DP-4-R 四刃直柄圆弧立铣刀



F10

DG-2-E / Square / Standard / 2 Flutes
DG-2-E 两刃直柄平头立铣刀



F11

DG-2-EL / Square / Long / 2 Flutes
DG-2-EL 两刃直柄长刃平头立铣刀



F12

DG-2-ES / Square / Micro / 2 Flutes
DG-2-ES 两刃直柄微小径平头立铣刀



F13

DG-2-EP / Square / Long Neck / Short Flute / 2 Flutes
DG-2-EP 两刃直柄长颈短刃平头立铣刀



F14-F15

DG-4-E / Square / Standard / 4 Flutes
DG-4-E 四刃直柄平头立铣刀



F16

DG-4-EL / Square / Long / 4 Flutes
DG-4-EL 四刃直柄长刃平头立铣刀



F17

DG-4-GE / Square / Standard / 4 Flutes
DG-4-GE 四刃直柄平头立铣刀



F18

DG-4-GEL / Square / Long / 4 Flutes
DG-4-GEL 四刃直柄长刃平头立铣刀



F19

DG-6-E / Square / Standard / 6 Flutes
DG-6-E 六刃直柄平头立铣刀



F20

DG-6-EL / Square / Long / 6 Flutes
DG-6-EL 六刃直柄长刃平头立铣刀



F21

DG-2-B / Ball / Standard / 2 Flutes
DG-2-B 两刃直柄球头立铣刀



F22

DG-2-BL / Ball / Long / 2 Flutes
DG-2-BL 两刃直柄长柄球头立铣刀



F23

DG-2-BP / Ball / Long Neck / Short Flute / 2 Flutes
DG-2-BP 两刃直柄长颈短刃球头立铣刀



F24-F25

DG-4-B / Ball / Standard / 4 Flutes
DG-4-B 四刃直柄球头立铣刀



F26

DG-4-BL / Ball / Long / 4 Flutes
DG-4-BL 四刃直柄长柄球头立铣刀



F27

DG-2-R / Corner Radius / Standard / 2 Flutes
DG-2-R 两刃直柄圆弧立铣刀



F28

DG-4-R / Corner Radius / Standard / 4 Flutes
DG-4-R 四刃直柄圆弧立铣刀



F29

DG-4-RL / Corner Radius / Long / 4 Flutes
DG-4-RL 四刃直柄长柄圆弧立铣刀



F30

DG-4-W / Square / Standard / 4 Flutes / Waving
DG-4-W 四刃直柄平头波形刃立铣刀



F31

DH-2-E / Square / Standard / 2 Flutes
DH-2-E 两刃直柄平头立铣刀



F32

DH-2-ES / Square / Micro / 2 Flutes
DH-2-ES 两刃直柄微小径平头立铣刀



F33

DH-2-EP / Square / Long Neck / Short Flute / 2 Flutes
DH-2-EP 两刃直柄长颈短刃平头立铣刀



F34-F35

DH-4-E / Square / Standard / 4 Flutes
DH-4-E 四刃直柄平头立铣刀



F36

DH-4-EL / Square / Long / 4 Flutes
DH-4-EL 四刃直柄长刃平头立铣刀



F37

DH-6-E / Square / Standard / 6 Flutes
DH-6-E 六刃直柄平头立铣刀



F38

DH-6-EL / Square / Long / 6 Flutes
DH-6-EL 六刃直柄长刃平头立铣刀



F39

DH-2-B / Ball / Standard / 2 Flutes
DH-2-B 两刃直柄球头立铣刀



F40

DH-2-BL / Ball / Long / 2 Flutes
DH-2-BL 两刃直柄长柄球头立铣刀



F41

DH-2-BP / Ball / Long Neck / Short Flute / 2 Flutes
DH-2-BP 两刃直柄长颈短刃球头立铣刀



F42-F43

DH-2-BS / Ball / Micro / 2 Flutes
DH-2-BS 两刃直柄微小径球头立铣刀



F44

DH-4-B / Ball / Standard / 4 Flutes
DH-4-B 四刃直柄球头立铣刀



F45

DH-4-R / Corner Radius / Standard / 4 Flutes
DH-4-R 四刃直柄圆弧立铣刀



F46

DH-4-RF / Corner Radius / Short Flute / 4 Flutes
DH-4-RF 四刃直柄短刃圆弧立铣刀



F47

DH-4-RP / Corner Radius / Long Neck / Short Flute / 4 Flutes
DH-4-RP 四刃直柄长颈短刃圆弧立铣刀



F48

DL-2-E / Square / Standard / 2 Flutes
DL-2-E 两刃直柄平头立铣刀



F49

DL-2-EL / Square / Long / 2 Flutes
DL-2-EL 两刃直柄长刃平头立铣刀



F50

DL-3-E / Square / Standard / 3 Flutes
DL-3-E 三刃直柄平头立铣刀



F51

DL-3-EL / Square / Long / 3 Flutes
DL-3-EL 三刃直柄长刃平头立铣刀



F52

DL-2-B / Ball / Standard / 2 Flutes
DL-2-B 两刃直柄球头立铣刀



F53

DL-3-W / Square / Standard / 3 Flutes / Waving
DL-3-W 三刃直柄平头波形立铣刀



F54

TBGT*****L



G16

TPGH*****L



G16

TPGX*****



G16

TCMT*****-HF



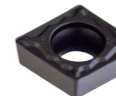
G17

TCGX*****-AL



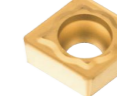
G17

CCMT*****-HM



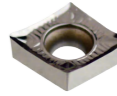
G17

CCMT*****-HR



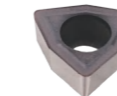
G17

CCGX*****-AL



G17

WCGT*****-TM



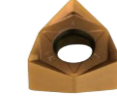
G18

SPMT*****-EM



G18

WNGU080608N-GM



G19

XNEX080608-GM



G19

HNMX0907ANSN-R



G19

SNMX1205ANN-M



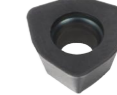
G19

WPKW*****



G20

WDMW*****ZTR



G20

EPMT0603TN



G20

RPEW*****MO



G21

RPKW*****MO

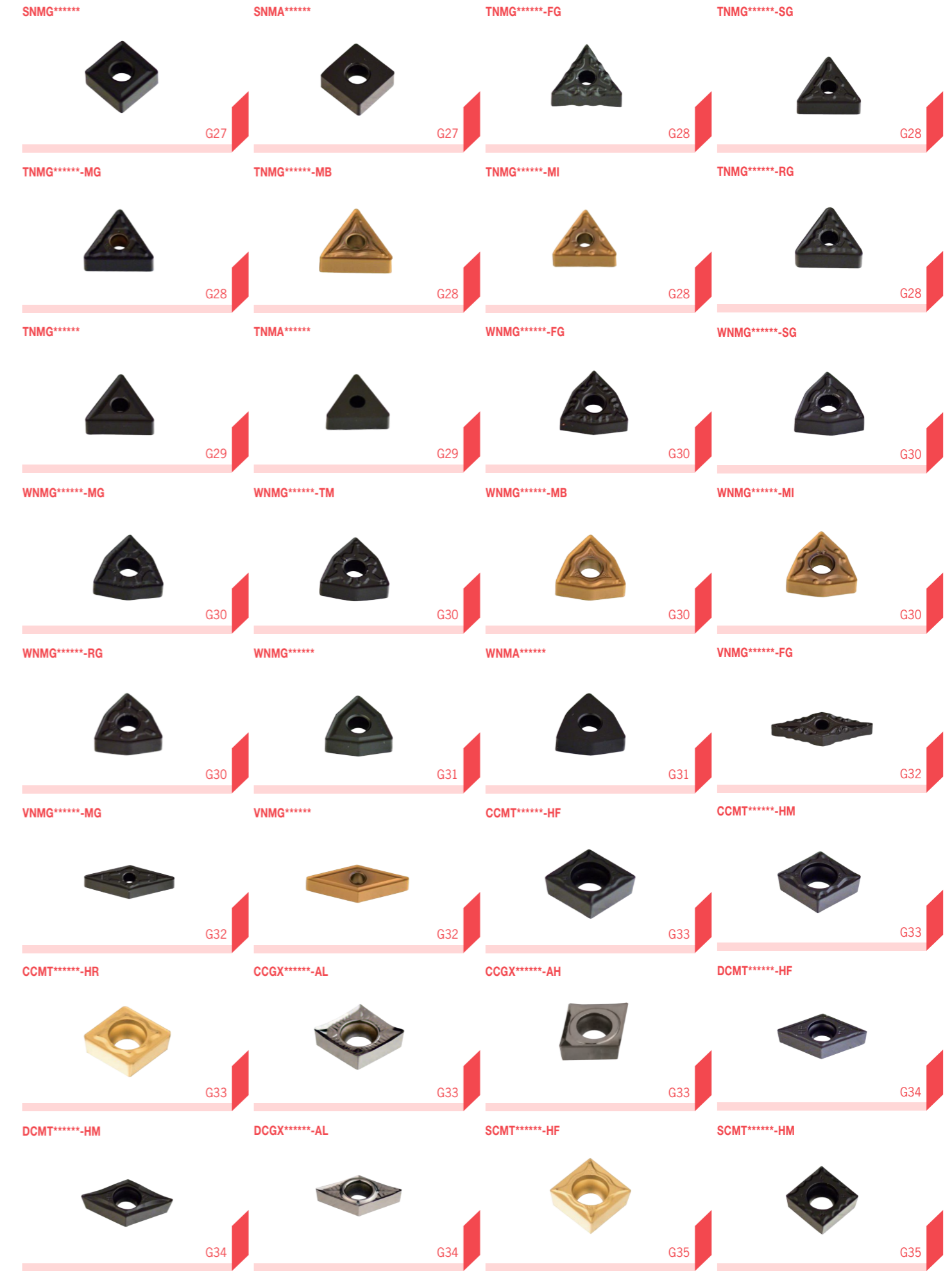
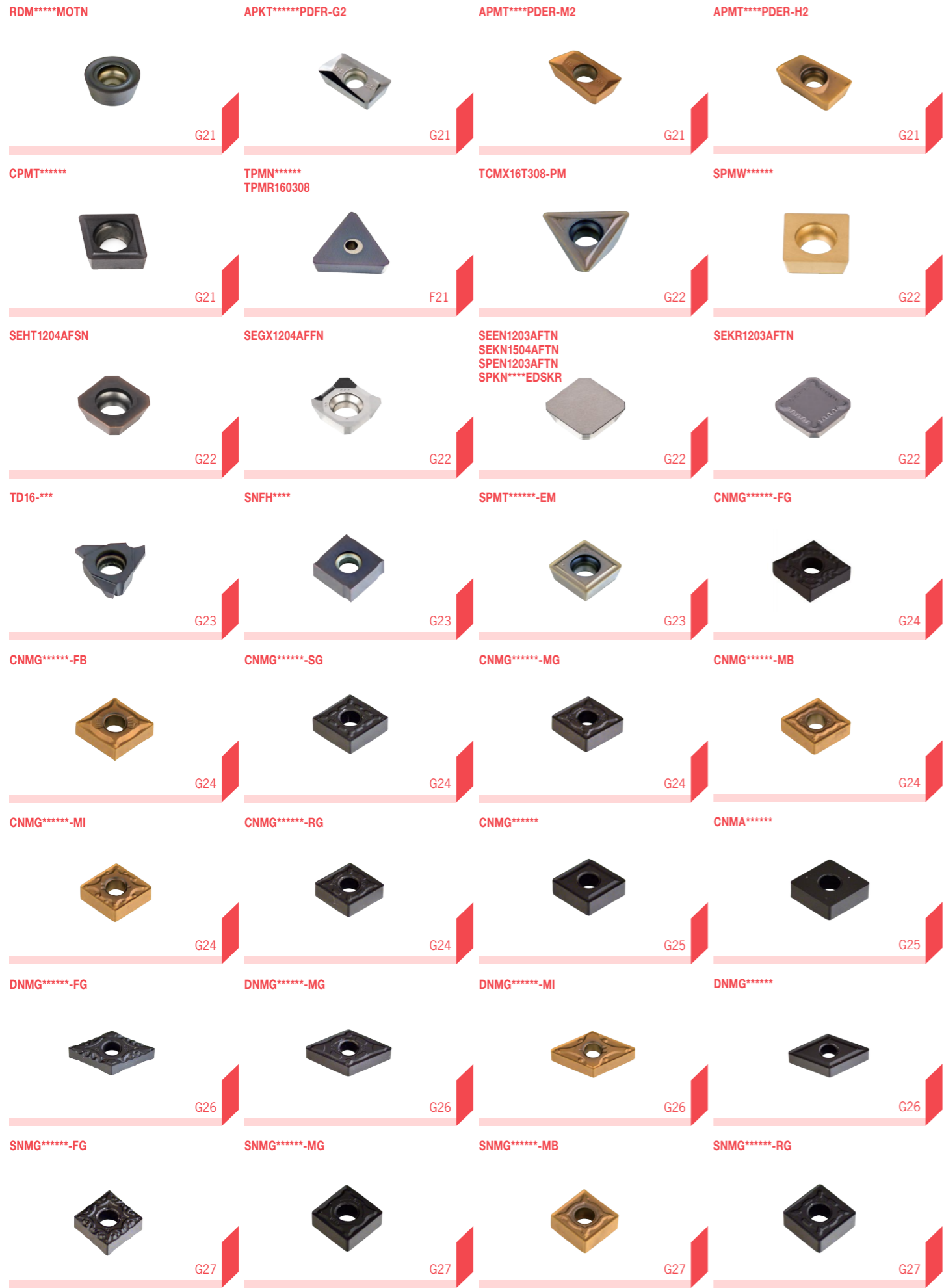





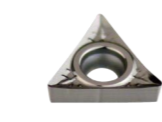






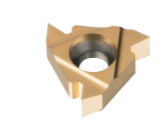
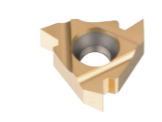
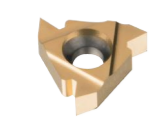

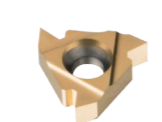
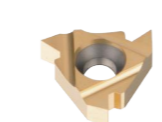
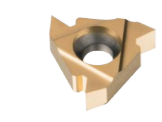
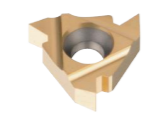
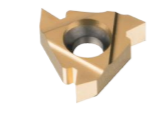
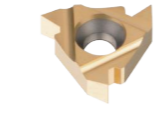










G21

RPMT*****MOE




G21



<p>SCGX****-AH</p>  <p>G35</p>	<p>TCMT****-HF</p>  <p>G36</p>	<p>TCMT****-HM</p>  <p>G36</p>	<p>TCGX****-AL</p>  <p>G36</p>
<p>VBMT****</p>  <p>G37</p>	<p>VBMT****-MI</p>  <p>G37</p>	<p>VCGX****-AL</p>  <p>G37</p>	<p>MGMN***-G</p>  <p>G38</p>
<p>ZTXD***-MG</p>  <p>G38</p>	<p>MGMN***-M</p>  <p>G38</p>	<p>**ER*60/**EL*60</p>  <p>G39</p>	<p>**IR*60/**IL*60</p>  <p>G39</p>
<p>**ER*55/**EL*55</p>  <p>G40</p>	<p>**IR*55/**IL*55</p>  <p>G40</p>	<p>**ER**ISO/**EL**ISO</p>  <p>G41</p>	<p>**IR**ISO/**IL**ISO</p>  <p>G42</p>
<p>**ER**UN/**EL**UN</p>  <p>G43</p>	<p>**IR**UN/**IL**UN</p>  <p>G44</p>	<p>**ER**W/**EL**W</p>  <p>G45</p>	<p>**IR**W/**IL**W</p>  <p>G46</p>
<p>**ER**TR/**EL**TR</p>  <p>G47</p>	<p>**IR**TR/**IL**TR</p>  <p>G47</p>		
<p>Insert Screw 刀片螺钉</p>  <p>H01-H02</p>	<p>Insert Screw for CBH Insert Holder CBH刀片座锁紧螺钉</p>  <p>H02</p>	<p>Locking Screw 内六角螺钉</p>  <p>H03</p>	<p>Locking Screw 紧定螺钉</p>  <p>H04</p>
<p>Locking Screw 专用内六角螺钉</p>  <p>H05-H06</p>	<p>For DC Slim Collet Chuck 止动螺母</p>  <p>H07</p>	<p>For Face Mill Arbor 键销</p>  <p>H07</p>	<p>Washer For Face Mill Arbor 垫圈</p>  <p>H07</p>

<p>Adjusting Screw 调整螺钉</p>  <p>H07</p>	<p>For FBH Tools 过渡螺母</p>  <p>H08</p>	<p>Washer For ABH/DBH Boring Tool 垫片</p>  <p>H08</p>	<p>Insert Seat / Clamp 刀片座/压板</p>  <p>H09</p>
<p>Wrench For MKT Boring Tool MKT专用扳手</p>  <p>H09</p>	<p>Wrench - Flag 旗形星形扳手</p>  <p>H10</p>	<p>Wrench - T T形扳手</p>  <p>H10</p>	<p>Wrench - Star 直柄星形扳手</p>  <p>H10</p>
<p>Allen Key L形扳手</p>  <p>H10</p>	<p>O Ring O形圈</p>  <p>H11</p>	<p>Block Nut 限位螺母</p>  <p>H11</p>	<p>Stop Pin 限位销</p>  <p>H11</p>
<p>Block Pin 挡销</p>  <p>H11</p>	<p>Shim For Turning Tool Holder 车刀刀垫</p>  <p>H12</p>	<p>Clamp For Turning Tool Holder 车刀压板</p>  <p>H12</p>	<p>Clamp Screw For Turning Tool Holder 车刀压板螺钉</p>  <p>H13</p>
<p>Center Screw For Turning Tool Holder 车刀中心螺钉</p>  <p>H13</p>	<p>C Ring For W-type Turning Tool Holders C形环</p>  <p>H13</p>	<p>Spring For GTBR Grooving Tools 弹簧</p>  <p>H13</p>	<p>Screw For Turning Tool Holder 车刀螺钉</p>  <p>H14</p>
<p>Z-Axial Zero Setter Z-量表式Z轴设定器</p>  <p>H15</p>	<p>Z-Axial Zero Setter (Magentic) Z-量表式Z轴设定器附磁性</p>  <p>H15</p>	<p>3D-Master 三轴(3D)设定器</p>  <p>H15</p>	<p>Titanium Coating Edge Finder 镀钛寻边器</p>  <p>H16</p>
<p>Ceramic Edge Finder 陶瓷寻边器</p>  <p>H16</p>	<p>Electronic Edge Sensor 光电式寻边器</p>  <p>H16</p>	<p>Spindle Cleaner 清洁棒</p>  <p>H16</p>	<p>Tool Lock (Fixed) 立式锁刀座</p>  <p>H17</p>
<p>Tool Lock (Multi-Direction) 万向式锁刀座</p>  <p>H17</p>	<p>Trolley For Tool Holder 刀库车</p>  <p>H17</p>	<p>Tooling Sheath 刀柄座</p>  <p>H17</p>	



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