EXCELLENT CNC TOOL SUPPLIER

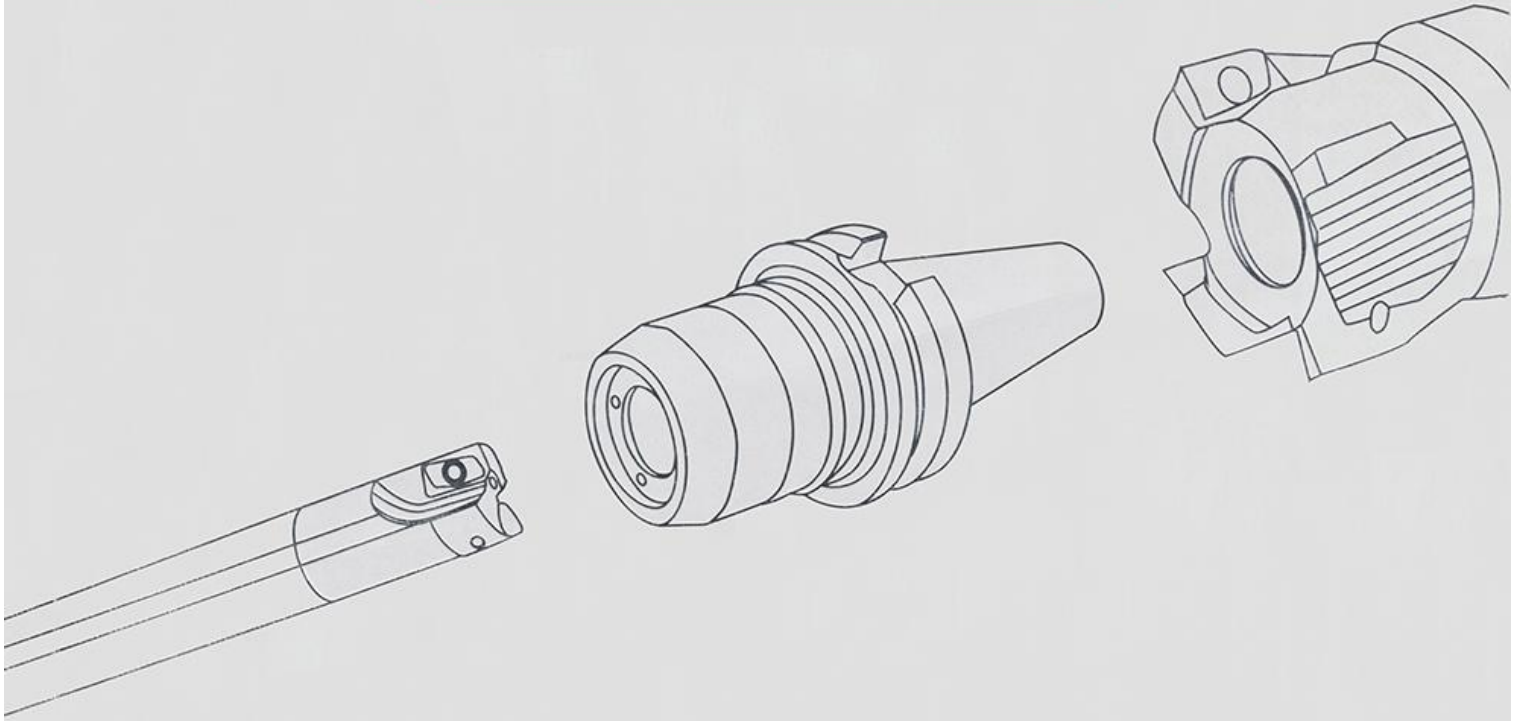
TOOL HOLDER/INDEXABLE INSERT U DRILL
TUNGSTEN STEEL END MILL
BORING BAR/FACE MILL

數控刀具品牌優勢供應商

刀柄 | 孔加工刀具 | 鎢鋼銑刀 | 銑刀杆 | 刀盤

產品目録

For more information,Web：http://ssunnytools.com



Jiangsu SSunny CNC Tools Co.,Ltd

SSUNNYTOOLS
PRECISION MACHINERY

双阳 精密机械科技有限公司

EXCELLENT CNC TOOL SUPPLIER

TOOL HOLDER/INDEXABLE INSERT U DRILL/TUNGSTEN STEEL END MILL/BORING BAR/FACE MILL

Company Abstract
公司简介

Jiangsu SSunny CNC Tools Co.,Ltd

Jiangsu SSunny CNC Tools Co.,Ltd is a CNC tool management integrating science, industry and trade company for over 20 years . SSunnytools Machinery Park is located in Sihong County, Jiangsu Province China, It's very near Nanjing and Huaian airport. The park covers an area of 300,000 square meters, and the standard factory building area is more than 120,000 square meters and has more than 100 employees and 200 equipment including various machinery production equipment and test equipment.

We have strong design team and complete quality-testing system and has passed the ISO9001 Certification of Quality Management System. and also has professional Warehouse Management System. We insist on innovation of technique and excellence of quality to meet different demands. The company mainly produces various of Tool Holders, Collets and related machine tool accessories, which are sold to the United States, Germany, Russia, Britain, France, Italy, the Netherlands, Canada, India, Brazil, Southeast Asia, and more than fifty countries and regions.

双阳

PRECISION MACHINERY
EXCELLENT CNC TOOL SUPPLIER

TOOL HOLDER/ HOLE PROCESSNG CUTTING TOOL TUNGSTEN STEEL MILLING CUTTER
MILLNG CUTTER BAR / KNIFE DISH

First-class equipment is to ensure, That the premise of first-class quality.

First-class industrial base

With advanced design and production technology, rigorous production quality management system to ensure that the product is zero defects; to the maximum extent possible to provide users with high quality SSunnytools products

Strict testing equipment

Over the years, a large amount of funds have been invested continuously, various production and testing equipments have been continuously updated, and a strong R&D and innovation team has been established.

Standardization of the storage workshop

Standardized warehouse, complete product specifications, adequate stock

TABLE OF CONTENTS

SSUNNYTOOLS 雙陽

A Tool Holder/ Rapid Drill tool/Tungsten Steel Milling Cutter

Hi-Power Milling Chucks BT-C

A01

Hi-Power Milling Chudks Set (BT-C)

A01

Hi-Power and speed Milling Chucks BT-GMC

A02

End Mill Holders BT-ER

A04

Face Mill Arbor (BT-FMB) (Metric Sizes)

A06

Face Mill Arbor (BT-FMA) (Inch Sizes)

A08

Side Lock Holder A TYPE (BT-SLA)

A09

Side Lock Holder (Slim Type) (BT-SSL)

A10

Oil-feed End Mill Arbors (BT-OSL)

A10

Morse Taper Drill Chuck (BT-MTA)

A11

Morse Taper Adapter (BT-MTB)

A12

Drill Chuck Holder BT-APU

A12

High Speed GER Collet Chuck BT-GER

A13

High Speed UER Collet Chuck BT-UER

A14

High Speed GER Collet Chuck ISO/NBT-GER

A15

High Speed GER Collet Chuck BT-SK/GER

A16

High Speed GER Collet Chuck BT-SK/GSK

A17

End Mill Holders ISO/NBT-SK

A18

Shrink Fit Chuck Standard Version BT-SRC

A19

Shrink Fit Chuck Slim Version ST-SRC

A20

Hi-Power Milling Chcuks DAT(JT)-C

A21

Face Mill Arbor DAT (JT)-FMB/A

A21

End Mill Holders DAT(JT)-ER

A22

Side Lock Holder DAT(JT)SLA

A23

Drill Chuck Holder DAT(JT)-APU

A23

End Mill Holders DAT(JT)-SKA/M

A24

End Mill Holders BT-MFT

A24

Straight Shank Shell End Mill Holders HSK(A)/C

A25

Face Mill Arbor HSK(A)-FMB

A25

End Mill Holders HSK(A)-ER

A26

End Mill Holders HSK(A)-GER

A27

Side Lock Holder HSK(A)-SLA

A28

Side Lock Holder (Slim Type) HSK(A)-SSL

A29

Keyless Drill Chuck Holder HSK(A)-APU

A29

Shrink Fit Chuck Standard Version (HSK-SRC)

A30

Shrink Fit Chuck Slim Version (HSK-SRC)

A31

Morse Taper Drill Chuck Taper Sleeves HSK/MTA

A31

End Mill Holders HSK-GSK

A32

High Speed Indexable Drill 2x Diameter SD

A33

High Speed Indexable Drill 3x Diameter SD

A34

High Speed Indexable Drill 4x Diameter SD

A36

Square Boring Bar B type BT-BSB 90°

A37

Square Boring Bar A type BT-BSA 45°

A38

Insert Holder Boring Bar

A39

Square Cutter Boring Bar

A39

Boring Bar Holder BT-LBK

A40

RW Boring Head Tool Holder (BST)

A41

Double Side Cutter Arbor (HDRBH)

A41

Micro-boring Head (BT)

A42

Micro-nishing Boring Tool Syetem NBJ16

A42

Boring Holder NBH

A43

Micro-nishing Boring Head NBH2084

A43

Micro-Boring Tool Kit NBH2084

A44

Hi-Power Milling Chcuks NT-C

A44

End Mill Holders NT-ER

A45

Face Mill Holder (NT-FMB) (Metric Sizes)

A45

Face Mill Holder (NT-FMA) (Inch Sizes)

A46

Side Lock Holder NT-SLA

A46

Morse Taper Drill Chuck Holder NT-MTA

A47

Integral Keyless Drill Chuck Holder NT-APU

A47

Taper Sleeves BT-TSA

A47

Touch Point Sensor BT-TA

A48

ER Collet Chuck

A49

Straight Shank Collet Chucks

A49

High Speed SKS Collet Chuck

A49

ER Nuts

A50

Nuts SK-GSK

A50

Pull Stud

A51

Wrench

A51

Edge Finder

A52

TABLE OF CONTENTS

SSUNNYTOOLS 雙陽

A Tool Holder/ Rapid Drill tool/Tungsten Steel Milling Cutter

Holder lock LD-BT/DAT/CAT

A52

Spindle Cleaner

A52

2 Flutes Square End Mills

A56

4 Flutes Square End Mills

A56

Long Flutes 2 Square End Mills

A57

Long Flutes 4 Square End Mills

A57

2 Flutes Ball Nose End Mills

A58

4 Flutes Ball Nose End Mills

A58

Long Shank 2 Flutes Ball Nose End Mills

A59

Long Shank 4 Flutes Ball Nose End Mills

A59

2 Flutes Corner Radius End Mills

A60

4 Flutes Corner Radius End Mills

A60

Long Shanks 2 Flutes Corner Radius End Mills

A61

Long Shank 4 Flutes Corner Radius End Mills

A61

For Aluminum Ally Processing 2 Flutes Square End Mills

A62

For Aluminum Ally Processing 4 Flutes Square End Mills

A62

For Aluminum Ally Processing Long 2 Flutes Square End Mills

A63

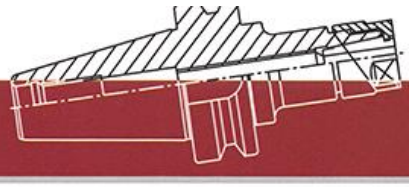
For Aluminum Ally Processing Long 4 Flutes Square End Mills

A63

B Boring Bar/Face Mill

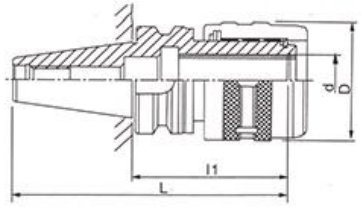
Tungsten Boring Bars MFT	Round Dowel End Mill Arbor EMRM-R	Round Dowel End Mill Arbor TRSM-R	Indexable Right Angle Shoulder End Mill BAPM	Indexable Right Angle Shoulder End Mill AHUM
B01	B02	B02	B02	B03
Drilling Milling Cutter TJUM	indexable ball mose end mill T2139M	Hi-Feed Face Mill AJX	Hi-Feedrate Face Mill TXP	Hi-Feedrate Face Mill SKS
B03	B03	B04	B04	B05
Right Angle Shoulder Face Mill AHUB	Right Angle Shoulder Face Mill BAP	Rounded Face Mill EMR	Rounded Face Milli EMRW/R200	Rounded Face Milli TRS
B05	B06	B06	B07	B08
Face Milling Cutter KM-45°	Face Milling Cutter RAP-75°	Face Milling Cutter FM90°	Right Angle Shoulder Face Mill R390	Right Angle Shoulder Face Mill TP
B08	B09	B09	B09	B10
Tubular Coarse-textured Gear Face Mill APC	Right Angle Shoulder End Mill BAP	Right Angle Shoulder End Mill AHU	Right Angle Shoulder End Mill T217.69	Hi-Feedrate AJX
B10	B11	B12	B12	B13
Drilling Milling Cutter ASJ-4P	Hi-Feedrate End Mill ASR	Drilling Milling Cutter TJU	Rounded End Mill EMR	Right Angle Shoulder Micro-End Mill R390
B13	B14	B14	B15	B16
Rounded End Mill EMRW	Indexable Right Angle Shoulder End Mill Milling Holder UEX	Rounded End Mill R200	Rounded End Mill TRS	Indexable Ball Mose End Mill BCF/BCFL
B16	B17	B17	B18	B19
Indexable Ball Mose Micro-End Mill T2139	Shoulder Micro End Mill TP	SD-45 Degree Chamfer End Mill	45 Degree Chamfer End Mill	45 Degree Chamfer End Mill
B20	B20	B21	B21	B21
Indexable ATS T-Slot End Mill	Roughing Cut Corn End Mill SPM			
B22	B22			

TOOL HOLDER



Hi-Power Milling Chucks BT-C

MAS 403 BT



编號 Serial number	型號 Cat.No		d	D	L1	DRAW BAR	FIG
A001-001	BT30	-MC20-80	20	53	80	M12X1.75P	I
A001-002		-MC25-90	25	58	90		
A001-003	BT40	-MC20-90	20	53		M16X2.0P	
A001-004		-MC25-90	25	58			
A001-005		-MC32-105	32	73	105		I / II
A001-006		-MC32-135			135		I
A001-007		-MC32-150			150		
A001-008	BT50	-MC20-95	20	53	95	M24X3.0P	I / II
A001-009		-MC25-95	25	58	95		I
A001-010		-MC32-110	32	73	110		I / II
A001-011		-MC32-135			135		
A001-012		-MC32-150			150		
A001-013		-MC32-165			165		
A001-014		-MC32-200			200		
A001-015		-MC42-110	42	88	110		I
A001-016		-MC42-135			135		
A001-017		-MC42-150			150		
A001-018		-MC42-165			165		

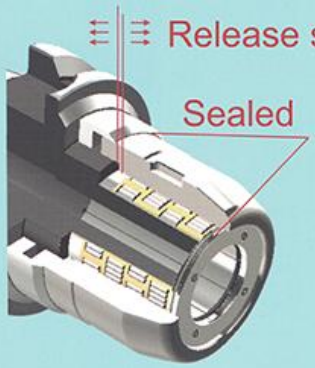
※扳手須订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered

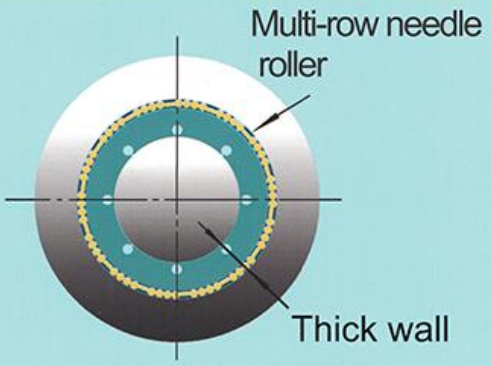
Hi-Power Milling Chudks Set BT-C

編號 Serial number	型號 Cat.No		Standard package			Packing
			Pull Stud	Collet Chucks	Wrench	
A001-017	BT30	-C20-80	BT30-45°	4,6,8,10,12,16	C20	BOX
A001-018		-C25-80		4,6,8,10,12,16,20	C25	
A001-019	BT40	-C32-105	BT40-45°	6,8,10,12,16,20,25	C32	
A001-020	BT50	-C32-110	BT50-45°	6,8,10,12,16,20,25		
A001-021		-C42-110		6,8,10,12,16,20,25,32	C42	

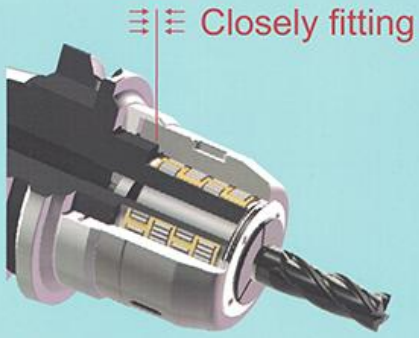
※配套件含扳手、拉丁、筒夹 Standard fitting contains spanner

Hi-Power and speed Milling Chucks BT-GMC





Multi-row needle roller can obtain more uniform elastic deformation, thus ensuring high precision and clamping force

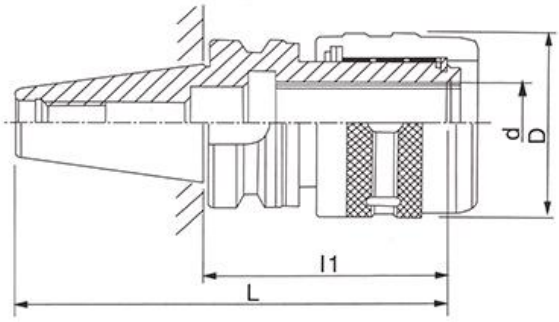


Applicable hook-type Wrench plus full grinding guarantees a good balance and economical

The tight fit of the shell and the body during clamping greatly enhances the rigidity of the body and is more suitable for heavy cutting.

The use of dual-phase retaining wrench makes operation simple and safe.

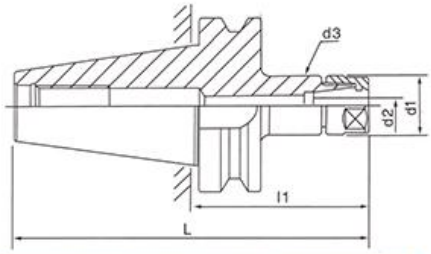
Optional fully ground shell, not only heavy cutting, but also a good balance.
The unique narrow slit and seal design make the holder more conducive to center outlet.



編號 Serial number	型號 Cat.No		d	D	L1	DRAW BAR	FIG
A001-031	BT30	GMC12-80	12	40	80	M12	I / II
A001-032		GMC16-80	16	45	80		
A001-033		GMC20-80	20	50	80		
A001-034		GMC25-80	25	55	80		
A001-035	BT40	GMC12-90	12	40	90	M16	
A001-036		GMC16-90	16	45	90		
A001-037		GMC20-90	20	50	90		
A001-038		GMC25-90	25	55	90		
A001-039		GMC32-105	32	72.5	105		
A001-040		GMC32-150	32	72.5	150		
A001-041	BT50	GMC32-110	32	72.5	110	M24	
A001-042		GMC32-150	32	72.5	150		
A001-043		GMC32-200	32	72.5	200		
A001-044		GMC32-250	32	72.5	250		
A001-045		GMC32-300	32	72.5	300		
A001-046		GMC42-110	42	82	110		
A001-047		GMC42-150	42	82	150		
A001-048		GMC42-200	42	82	200		
A001-049		GMC42-250	42	82	250		
A001-050		GMC42-300	42	82	300		

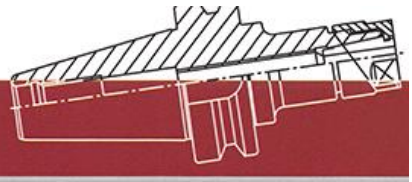
End Mill Holders BT-ER

MAS 403 BT



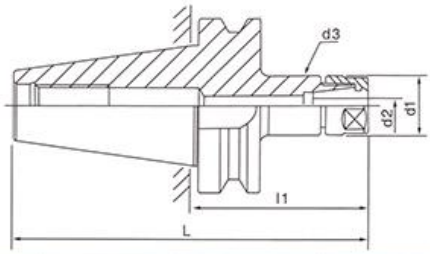
編號 Serial number	型號 Cat.No		l1	d1	Clamping range d2	Applied nut	d3
A002-001	BT30	-ER11A-60	60	19	0.5-0.7	ER11A	19
A002-002		-ER11A-100	100				
A002-003		-ER16A-60	60	28	0.5-10	ER16A	28
A002-004		-ER16A-70	70				
A002-005		-ER16A-100	100				
A002-006		-ER16A-150	150				
A002-007		-ER20A-60	60	34	1-13	ER20A	34
A002-008		-ER20A-70	70				
A002-009		-ER20A-100	100				
A002-010		-ER20A-150	150				
A002-011		-ER11M-60	60	16	0.5-0.7	ER11M	16
A002-012		-ER11M-100	100				
A002-013		-ER16M-60	60	22	0.5-10	ER16M	22
A002-014		-ER16M-100	100				
A002-015		-ER16M-150	150				
A002-016		-ER20M-60	60	28	1-13	ER20M	28
A002-017		-ER20M-100	100				
A002-018		-ER20M-150	150				
A002-019		-ER25UM-60	60	42	2-16	ER25UM	42
A002-020		-ER25UM-70	70				
A002-021		-ER25UM-100	100				
A002-022		-ER25UM-150	150				
A002-023		-ER32UM-60	60	50	3-22.2	ER32UM	42
A002-024		-ER32UM-70	70				
A002-025		-ER32UM-100	100				
A002-026		-ER32UM-150	150				
A002-027		-ER40UM-70	70	63	4-26	ER40UM	45
A002-028	BT40	-ER11A-70	70	19	0.5-7.0	ER11A	19
A002-029		-ER11A-100	100				
A002-030		-ER11A-150	150				
A002-031		-ER16A-70	70	28	0.5-10	ER16A	28
A002-032		-ER16A-100	100				
A002-033		-ER16A-150	150				
A002-034		-ER16A-200	200				
A002-035		-ER20A-70	70	34	1-13	ER20A	34
A002-036		-ER20A-100	100				
A002-037		-ER20A-150	150				
A002-038		-ER20A-200	200				
A002-039		-ER11M-70	70	16	0.5-7	ER11M	16
A002-040		-ER11M-100	100				
A002-041		-ER11M-150	150				

※扳手須订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered



End Mill Holders BT-ER

MAS 403 BT



编號 Serial number	型號 Cat.No		l1	d1	Clamping range d2	Applied nut	d3
A002-042	BT40	-ER16M-70	70	22	0.5-10	ER16M	22
A002-043		-ER16M-100	100				
A002-044		-ER16M-150	150				
A002-045		-ER16M-200	200				
A002-046		-ER20M-70	70	28	1-13	ER20M	28
A002-047		-ER20M-100	100				
A002-048		-ER20M-150	150				
A002-049		-ER20M-200	200				
A002-050		-ER25UM-70	70	42	2-16	ER25UM	42
A002-051		-ER25UM-100	100				
A002-052		-ER25UM-150	150				
A002-053		-ER32UM-70	70	50	3-22.2	ER32UM	50
A002-054		-ER32UM-100	100				
A002-055		-ER32UM-150	150				
A002-056		-ER40UM-70	70	63	4-26	ER40UM	60
A002-057		-ER40UM-100	100				
A002-058		-ER40UM-150	150				
A002-059	BT50	-ER16A-100	100	28	0.5-10	ER16A	28
A002-060		-ER16A-150	150				
A002-061		-ER16A-200	200				
A002-062		-ER20A-100	100	34	1-13	ER20A	34
A002-063		-ER20A-150	150				
A002-064		-ER20A-200	200				Taper shank 锥柄34-40
A002-065		-ER20A-250	250				
A002-066		-ER25UM-100	100	42	2-16	ER25UM	42
A002-067		-ER25UM-150	150				
A002-068		-ER25UM-200	200				Taper shank 锥柄42-55
A002-069		-ER25UM-250	250				
A002-070		-ER25UM-300	300				
A002-071		-ER25UM-350	350				
A002-072		-ER25UM-400	400				
A002-073		-ER32UM-100	100	50	3-22.2	ER32UM	50
A002-074		-ER32UM-150	150				
A002-075		-ER32UM-200	200				Taper shank 锥柄50-60
A002-076		-ER32UM-250	250				
A002-077		-ER32UM-300	300				
A002-078		-ER32UM-350	350				
A002-079		-ER32UM-400	400				
A002-080		-ER40UM-100	100	63	4-26	ER40UM	63
A002-081		-ER40UM-150	150				
A002-082		-ER40UM-200	200				
A002-083		-ER40UM-250	250				
A002-084		-ER40UM-300	300				

※扳手须订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered

Face Mill Arbor (BT-FMB)(Metric Sizes)

MAS 403 BT

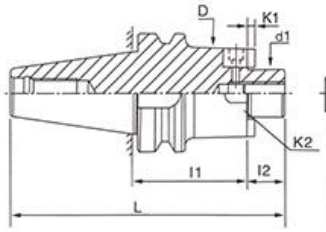


Fig I

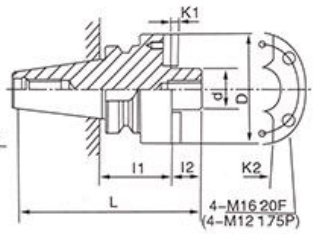
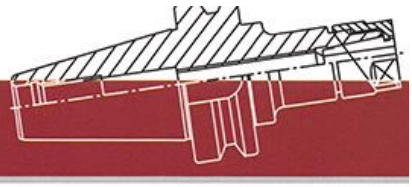


Fig II

编號 Serial number	型號 Cat.No		l1	L2	D	d1	K1	K2	Fig
A003-001	BT30	-FMB16-45	45	18	38	16	4.8	8	I
A003-002		-FMB16-60	60						
A003-003		-FMB22-45	45	18	48	22	4.8	10	
A003-004		-FMB22-60	60						
A003-005		-FMB27-45	45	20	60	27	5.8	12	
A003-006		-FMB27-60	60						
A003-007	BT40	-FMB16-45	45	18	38	16	4.8	8	
A003-008		-FMB16-60	60						
A003-009		-FMB16-100	100						
A003-010		-FMB16-150	150						
A003-011		-FMB16-200	200						
A003-012		-FMB22-45	45		48	22		10	
A003-013		-FMB22-60	60						
A003-014		-FMB22-90	90						
A003-015		-FMB22-100	100						
A003-016		-FMB22-150	150						
A003-017		-FMB22-200	200						
A003-018		-FMB22-250	250						
A003-019		-FMB22-300	300						
A003-020		-FMB27-45	45	20	60	27	5.8	12	
A003-021		-FMB27-60	60						
A003-022		-FMB27-100	100						
A003-023		-FMB27-150	150						
A003-024		-FMB32-60	60	22	68	32	6.8	14	
A003-025		-FMB40-60	60	25	78	40	8.3	16	
A003-026	BT50	-FMB16-45	45	18	Φ38	22	4.8	8	
A003-027		-FMB16-60	60						
A003-028		-FMB16-75	75						
A003-029		-FMB16-100	100						
A003-030		-FMB16-150	150						
A003-031		-FMB16-200	200						
A003-032		-FMB16-250	250						
A003-033		-FMB16-300	300						
A003-034		-FMB22-45	45		Slim shankΦ48 Thick shankΦ60-Φ62 Taper shankΦ48-Φ62	22		10	
A003-035		-FMB22-60	60						
A003-036		-FMB22-75	75						
A003-037		-FMB22-100	100						
A003-038		-FMB22-150	150						



Face Mill Arbor (BT-FMB)(Metric Sizes)

MAS 403 BT

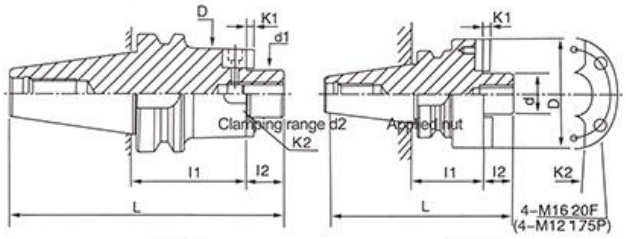


Fig I　　Fig II

編號 Serial number	型號 Cat.No		l1	L2	D	d1	K1	K2	Fig
A003-039	BT50	-FMB22-200	200	18	Slim shank Φ48 Thick shank Φ60-Φ62 Taper shank Φ48-Φ62 Taper shank Φ60-Φ100	22	4.8	10	I
A003-040		-FMB22-250	250						
A003-041		-FMB22-300	300						
A003-042		-FMB22-350	350						
A003-043		-FMB22-400	400						
A003-044		-FMB22-450	450		Thick shank Φ60-Φ62 Taper shank Φ48-Φ62 Taper shank Φ60-Φ100				
A003-045		-FMB22-500	500						
A003-046		-FMB22-550	550						
A003-047		-FMB22-600	600						
A003-048		-FMB27-60	60	20	60	27	5.8	12	
A003-049		-FMB27-100	100						
A003-050		-FMB27-150	150						
A003-051		-FMB27-200	200						
A003-052		-FMB27-250	250						
A003-053		-FMB27-300	300						
A003-054		-FMB27-350	350						
A003-055		-FMB27-400	400		Straight shankr 60 Taper shank 60-78				
A003-056		-FMB27-450	450						
A003-057		-FMB27-500	500						
A003-058		-FMB32-60	60	22	78	32	6.8	14	
A003-059		-FMB32-100	100						
A003-060		-FMB32-150	150						
A003-061		-FMB32-200	200						
A003-062		-FMB32-250	250						
A003-063		-FMB32-300	300						
A003-064		-FMB40-60	60	25	89	40	8.3	16	
A003-065		-FMB40-100	100						
A003-066		-FMB40-150	150						
A003-067		-FMB40-60	60						II
A003-068		-FMB40-100	100						
A003-069		-FMB40-150	150						
A003-070		-FMB60-75	75	30	128.57	60	10	25.4	
A003-071		-FMB60-100	100						
A003-072		-FMB60-150	150						
A003-073		-FMB60-200	200						

※非标件可订制　Non-standard parts can be ordered

Face Mill Arbor (BT-FMA)(Inch Sizes)

MAS 403 BT

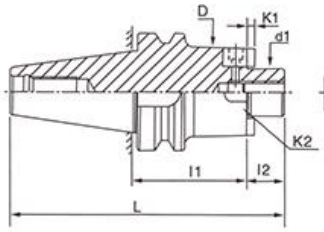


Fig I

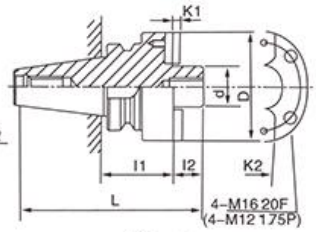
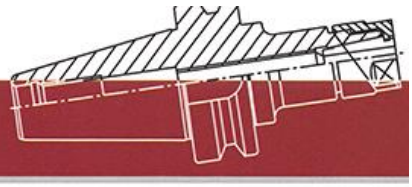


Fig II

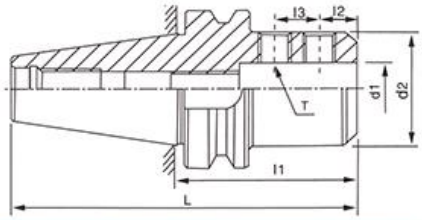
編號 Serial number	型號 Cat.No		l1	L2	D	d1	K1	K2	Fig
A003-074	BT30	-FMA25.4-45	45	20	48	25.4	4.52	9.525	I
A003-075		-FMA25.4-60	60						
A003-076	BT40	-FMA25.4-45	45						
A003-077		-FMA25.4-60	60						
A003-078		-FMA25.4-100	100						
A003-079		-FMA25.4-150	150						
A003-080		-FMA25.4-200	200						
A003-081		-FMA31.75-60	60	22	68	31.75	6.7	12.70	
A003-082		-FMA31.75-100	100						
A003-083		-FMA38.1-60	60	25	78	38.1	8.87	15.875	
A003-084	BT50	-FMA25.4-60	60	20	Slim shank 48 Taper shank Φ48-62 Thick shank60	25.4	4.52	9.525	
A003-085		-FMA25.4-100	100						
A003-086		-FMA25.4-150	150						
A003-087		-FMA25.4-200	200						
A003-088		-FMA25.4-250	250						
A003-089		-FMA25.4-300	300						
A003-090		-FMA25.4-350	350						
A003-091		-FMA25.4-400	400						
A003-092		-FMA31.75-60	60	22	78	31.75	6.7	12.70	
A003-093		-FMA31.75-100	100						
A003-094		-FMA31.75-150	150						
A003-095		-FMA38.1-60	60	25	89	38.1	8.87	15.875	
A003-096		-FMA50.8-60	60	36	98	50.8	9.75	19.05	
A003-097		-FMA47.625-75	75	30	128.57	47.625		25.4	II
A003-098		-FMA47.625-100	100						
A003-099		-FMA47.625-150	150						
A003-100		-FMA47.625-200	200						

※非标件可订制 Non-standard parts can be ordered



Side Lock Holder A TYPE (BT-SLA)

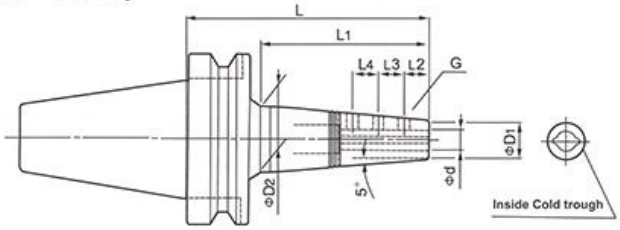
MAS 403 BT



編號 Serial number	型號 Cat.No		d1	d2	l1	l2	l3	T
A004-001	BT30	-SLA4-60	4	16	60	10	8	M4X1.0P
A004-002		-SLA6-60	6	18		12	10	M6X1.0P
A004-003		-SLA8-60	8	20		14	12	M8X1.25P
A004-004		-SLA10-60	10	25		15	14	M10X1.5P
A004-005		-SLA12-60	12	30		20	16	M12X1.75P
A004-006		-SLA16-75	16	35	75	22	18	M12X1.75P
A004-007		-SLA20-75	20	40		25	20	M16X2.0P
A004-008		-SLA25-75	25	45		30	22	
A004-009	BT40	-SLA6-60	6	25	60	12	10	M6X1.0P
A004-010		-SLA8-60	8	28		14	12	M8X1.25P
A004-011		-SLA10-60	10	35		15	14	M10X1.5P
A004-012		-SLA12-60	12	42		20	16	M12X1.75P
A004-013		-SLA16-75	16	48	75	22	18	M12X1.75P
A004-014		-SLA20-75	20	52		25	20	M16X2.0P
A004-015		-SLA25-90	25	65	90	30	22	
A004-016		-SLA32-90	32	72		30	22	
A004-017		-SLA40-100	40	90	100	35	25	
A004-018		-SLA42-100	42	90		35	25	
A004-019	BT50	-SLA6-90	6	25	90	12	10	M6X1.0P
A004-020		-SLA8-90	8	28		14	12	M8X1.25P
A004-021		-SLA10-90	10	35		15	14	M10X1.5P
A004-022		-SLA12-90	12	42		20	16	M12X1.75P
A004-023		-SLA16-90	16	48		22	18	
A004-024		-SLA16-150			150			M12X1.0P
A004-025		-SLA16-200		Taper shank 錐柄28-48	200			
A004-026		-SLA16-250			250			
A004-027		-SLA20-90	20	52	90	25	20	M16X2.0P
A004-028		-SLA20-150			150			M12X1.0P
A004-029		-SLA20-200		Taper shank 錐柄32-50	200			
A004-030		-SLA20-250			250			
A004-031		-SLA25-105	25	60	105	30	22	M16X2.0P
A004-032		-SLA25-150			150			M12X1.0P
A004-033		-SLA25-200		Taper shank 錐柄40-60	200			
A004-034		-SLA25-250			250			
A004-035		-SLA25-300			300			
A004-036		-SLA25-350			350			
A004-037		-SLA25-400			400			
A004-038		-SLA32-105	32	63	105			M16X2.0P
A004-039		-SLA32-150			150			M12X1.0P
A004-040		-SLA32-200		Taper shank 錐柄48-63	200			
A004-041		-SLA32-250			250			
A004-042		-SLA32-300			300			
A004-043		-SLA32-350			350			
A004-044		-SLA32-400			400			
A004-045		-SLA40-105	40	78/90	105	35	25	M16X2.0P
A004-046		-SLA40-150			150			
A004-047		-SLA42-105	42		105			
A004-048		-SLA42-150			150			
A004-049		-SLA50-120	50	90/98	120			M20X2.0P
A004-050		-SLA50-150			150			
A004-051		-SLA50.8-120	50.8		120			

※非标件可订制 Non-standard parts can be ordered

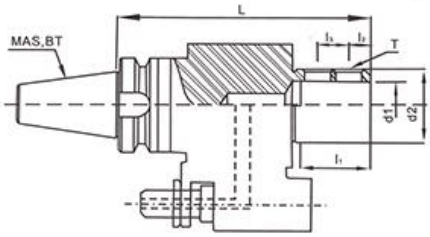
Side Lock Holder (Slim Type)(BT-SSL)

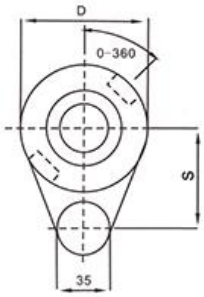


编號 Serial number	型號 Cat.No		Φd	ΦD1	ΦD2	L	L 1	L 2	L 3	L 4	G
A004-052	BT30	-SSL 3-135	3	10	27.3	135	100	6	6	—	M3P0.5
A004-053		-SSL 4-135	4	11	28.2				7		M4P0.5
A004-054		-SSL 6-135	6	13	30.0			12	13		M6P0.75
A004-055		-SSL 8-135	8	15	31.8			13.5	18		
A004-056		-SSL 10-150	10	17	36.3	150	115	15	20		
A004-057		-SSL 12-150	12	22	41.1				16	16	M8P0.75
A004-058	BT40	-SSL 3-135	3	10	27.3	135	100	6	6	—	M3P0.5
A004-059		-SSL 4-135	4	11	28.2				7		M4P0.5
A004-060		-SSL 6-135	6	13	30.0			12	13		M6P0.75
A004-061		-SSL 8-135	8	15	31.8			13.5	18		
A004-062		-SSL10-150	10	17	36.3	150	115	15	20		
A004-063		-SSL12-150	12	22	41.1				16	16	M8P0.75
A004-064	BT50	-SSL 6-150	6	13	30.7	150	104	12	13	—	M6P0.75
A004-065		-200			[illegible]	200	154				
A004-066		-SSL 8-150	8	15	[illegible]	150	104	13.5	18		
A004-067		-200			41.3	200	154				
A004-068		-SSL10-150	10	17	34.4	150	104	15	20		
A004-069		-200			43.1	200	154				
A004-070		-SSL12-150	12	22	39.2	150	104		16	16	M8P0.75
A004-071		-200			47.9	200	154				

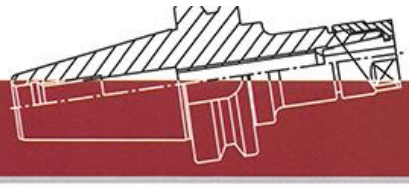
When fixing ball end mill, make the direction of the blade 90° to the fastening screw

Oil-feed End Mill Arbors(BT-OSL)





编號 Serial number	型號 Cat.No	S	d2	l1	l2	l3	T
A004-072	BT40xOSL32-165	65	49.5	60	15	20	M16X2.0P
A004-073	BT50xOSL32-165	80	58	60			
A004-074	BT50xOSL40-170		56	62		25	



Morse Taper Drill Chuck(BT-MTA)

MAS 403 BT

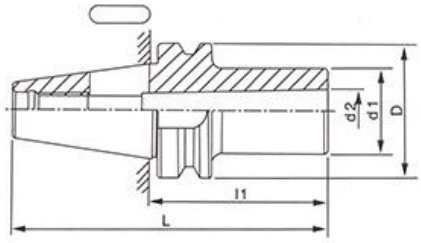


Fig I

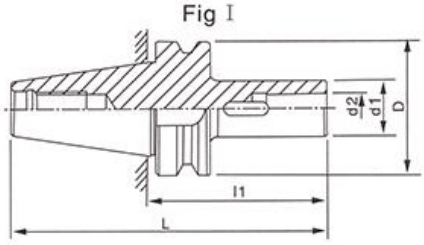


Fig II

编 號 Serial number	型 號 Cat.No		d2	d1	l1	Using Drill Bits	Fig
A005-001	BT30	-MTA1-45	12.065	25	45	2.0-14.0	I
A005-002		-MTA2-60	17.780	32	60	14.1-23.0	
A005-003		-MTA3-80	23.825	40	80	23.1-32.0	
A005-004	BT40	-MTA1-45	12.065	25	45	2.0-14.0	
A005-005		-MTA1-120			120		II
A005-006		-MTA2-45	17.780	32	45	14.1-23.0	I
A005-007		-MTA2-120			120		II
A005-008		-MTA3-75	23.825	40	75	23.1-32.0	I
A005-009		-MTA3-135			135		II
A005-010		-MTA4-95	31.267	50	95	32.0-50.0	I
A005-011		-MTA4-165			165		II
A005-012	BT50	-MTA1-45	12.065	25	45	2.0-14.0	I
A005-013		-MTA1-120			120		II
A005-014		-MTA1-180			180		II
A005-015		-MTA2-45	17.780	32	45	14.1-23.0	I
A005-016		-MTA2-135			135		II
A005-017		-MTA2-180			180		II
A005-018		-MTA3-45	23.825	40	45	23.1-32.0	I
A005-019		-MTA3-75					
A005-020		-MTA3-150			135		II
A005-021		-MTA3-180			180		II
A005-022		-MTA4-75	31.267	50	75	32.0-20.0	I
A005-023		-MTA4-90			90		I
A005-024		-MTA4-180			180		II
A005-025		-MTA5-105	44.399	65	105	50.0-75.0	I
A005-026		-MTA5-210		65	210		II

※非标件可订制 Non-standard parts can be ordered

Morse Taper Adapter (BT-MTB)

MAS 403 BT

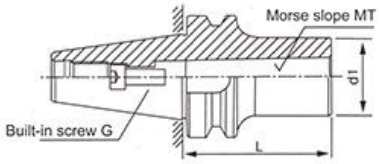


Fig Ⅰ

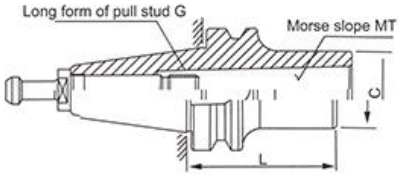


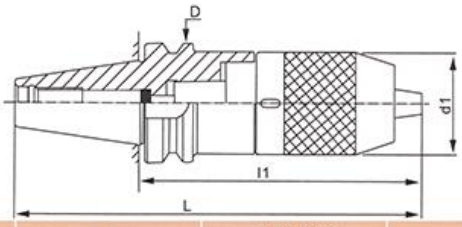
Fig Ⅱ

編號 Serial number	型號 Cat.No		d1	C	L	G	DRAW BAR	Fig
A006-001	BT30	-MTB1-45	12.065	25	45	M6	M12X1.75P	Ⅰ
A006-002		-MTB2-60	17.780	32	60	M10		Ⅱ
A006-003	BT40	-MTB1-45	12.065	25	45	M6	M16X2.0P	Ⅰ
A006-004		-MTB2-45	17.780	32	60	M10		
A006-005		-MTB3-75	23.825	40	75	M12		
A006-006		-MTB4-90	31.267	48	90	M16		Ⅱ
A006-007	BT50	-MTB1-45	12.065	25	45	M6	M24X3.0P	Ⅰ
A006-008		-MTB1-120			120			
A006-009		-MTB1-180			180			
A006-010		-MTB2-45	17.780	32	45	M10		
A006-011		-MTB2-135			135			
A006-012		-MTB2-180			180			
A006-013		-MTB3-45	23.825	40	45	M12		
A006-014		-MTB3-75			75			
A006-015		-MTB3-150			150			
A006-016		-MTB3-180			180			
A006-017		-MTB4-75	31.267	50	75	M16		
A006-018		-MTB4-90			90			
A006-019		-MTB4-180			180			
A006-020		-MTB5-120	44.399	70	120	M20		Ⅱ
A006-021		-MTB5-21			210			

注：BT40-MTB4/BT50-MTB5拉钉非标准配套件，须单独订购
BT40-MTB4/BT50-MTB5 the puller bolt is not standard fitting,must purchase alone

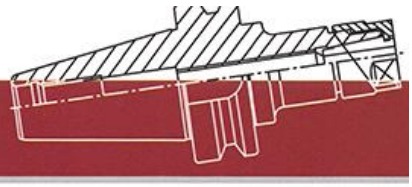
Drill Chuck Holder BT-APU

MAS 403 BT



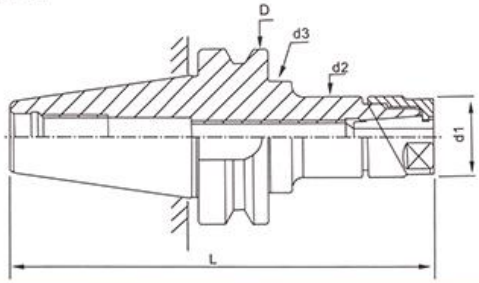
編號 Serial number	型號 Cat.No		l1	d1	夾持範圍 Clamping range	DRAW BAR
A007-001	BT30	-APU8-80	80	37	0.5-8	M12X1.75P
A007-002		-APU13-110	110	50	1-13	
A007-003	BT40	-APU08-80	80			M16X2.0P
A007-004		-APU13-110	110			
A007-005		-APU16-120	120	57	3-16	
A007-006	BT50	-APU13-120		50	1-13	M24X3.0P
A007-007		-APU13-180	180			
A007-008		-APU16-130	130	57	3-16	
A007-009		-APU16-190	190			

※扳手須另訂購 Wrench need to order



High Speed GER Collet Chuck BT-GER

MAS 403 BT



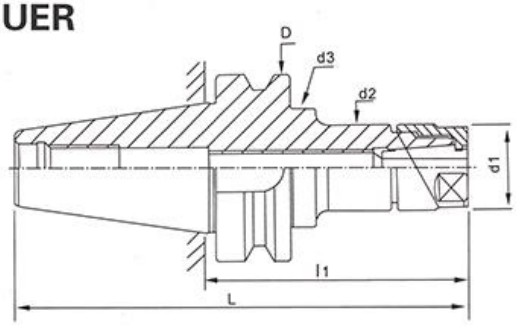
编號 Serial number	型號 Cat.No		l1	d1	Clamping range d2	Applied nut	d3
A008-001	BT30	GER11-60	60	19	0.5-0.7	GER11	19
A008-002		GER11-100	100				
A008-003		GER16-60	60	30	0.5-10	GER16	28
A008-004		GER16-70	70				
A008-005		GER16-100	100				
A008-006		GER16-150	150				
A008-007		GER20-60	60	35	1-13	Using Drill Bits GER20	34
A008-008		GER20-70	70				
A008-009		GER20-100	100				
A008-010		GER20-150	150				
A008-011		GER25-60	60	40	2-16	GER25	42
A008-012		GER25-70	70				
A008-013		GER25-100	100				
A008-014		GER25-150	150				
A008-015		GER32-60	60	50	3-22.2	GER32	28
A008-016		GER32-70	70				
A008-017		GER32-100	100				
A008-018		GER32-150	150				
A008-019		-GER16M-60	60	27	0.5-0.7	GER16M	28
A008-020		-GER16M-70	70				
A008-021		-GER16M-100	100				
A008-022		-GER20M-60	60	30	0.5-10	GER20M	31
A008-023		-GER20M-70	70				
A008-024		-GER20M-100	100				
A008-025		-GER25M-60	60	40	2.0-16	GER25M	41
A008-026		-GER25M-70	70				
A008-027		-GER25M-100	100				
A008-028	BT40	-GER16-70	70	30	0.5-10	GER16	28
A008-029		-GER16-100	100				
A008-030		-GER16-150	150				
A008-031		-GER20-70	70	35	1-13	GER20	34
A008-032		-GER20-100	100				
A008-033		-GER20-150	150				
A008-034		-GER25-70	70	40	2-16	GER25	42
A008-035		-GER25-100	100				
A008-036		-GER25-150	150				
A008-037		-GER32-70	70	50	3-22.2	GER32	50
A008-038		-GER32-100	100				
A008-039		-GER32-150	150				

※扳手须订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered

A008-040	BT50	-GER16-100	100	30	0.5-10	GER16	28
A008-041		-GER16-150	150				
A008-042		-GER16-200	200				
A008-043		-GER20-100	100	35	1-13	GER20	34
A008-044		-GER20-150	150				
A008-045		-GER20-200	200				Taper shank34-40
A008-046		-GER20-250	250				
A008-047		-GER25-100	100	40	2-16	GER25	42
A008-048		-GER25-150	150				
A008-049		-GER25-200	200				Taper shank42-55
A008-050		-GER25-250	250				
A008-051		-GER25-300	300				
A008-052		-GER32-100	100	50	3-22.2	GER32	50
A008-053		-GER32-150	150				
A008-054		-GER32-200	200				Taper shank50-60
A008-055		-GER32-250	250				
A008-056		-GER32-300	300				

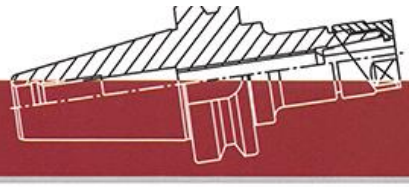
※扳手须订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered

High Speed UER Collet Chuck BT-UER

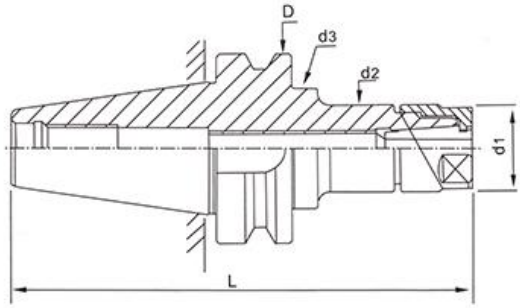


编號 Serial number	型號 Cat.No		l1	d1	Clamping range d2	Applied nut	d3
A009-001	BT30	-UER11-60	60	Φ16	0.5-0.7	UER11	Φ16
A009-002		-UER11-100	100				
A009-003		-UER16-60	60	Φ22	0.5-10	UER16	Φ22
A009-004		-UER16-100	100				
A009-005		-UER16-150	150				
A009-006		-UER20-60	60	Φ28	1-13	UER20	Φ28
A009-007		-UER20-100	100				
A009-008		-UER20-150	150				
A009-009	BT40	-UER16-70	70	Φ22	0.5-10	UER16	Φ22
A009-010		-UER16-100	100				
A009-011		-UER16-150	150				
A009-012		-UER16-200	200	Φ28	1-13	UER20	Φ28
A009-013		-UER20-70	70				
A009-014		-UER20-100	100				
A009-015		-UER20-150	150				
A009-016		-UER20-200	200				

※扳手须订购 Wrench need to order
※非标件可订制 Non-standard parts can be ordered



High Speed GER Collet Chuck ISO/NBT-GER

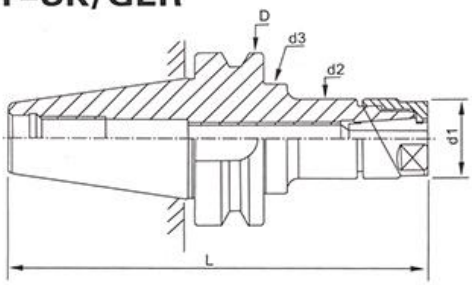


編號 Serial number	型號 Cat.No		l1	L	d1	夾持範圍d2 Clamping range	適用螺帽 Applied nut	d3
A010-001	NBT30	-ER16-60	60	131.8	30	0.5-10	GER16A	28
A010-002		-ER16-70	70					
A010-003		-ER16-100	100					
A010-004		-ER20-60	60		35	1-13	GER20A	34
A010-005		-ER20-70	70					
A010-006		-ER20-100	100					
A010-007		-ER25-60	60		40	2-16	GER25	42
A010-008		-ER25-70	70					
A010-009		-ER25-100	100					
A010-010		-ER32-60	60		50	3-22.2	GER32	50
A010-011		-ER32-70	70					
A010-012		-ER32-100	100					
A010-013		-GER16-60	60		27	0.5-10	GER16M	28
A010-014		-GER16-70	70					
A010-015		-GER16-100	100					
A010-016		-GER20-60	60		30	1-13	GER20M	31
A010-017		-GER20-70	70					
A010-018		-GER20-100	100					
A010-019		-GER25-60	60		40	2-16	GER25M	41
A010-020		-GER25-70	70					
A010-021		-GER25-100	100					
A010-022		-GER32-60	60		50	3-22.2	GER32M	42
A010-023		-GER32-70	70					
A010-024		-GER32-100	100					
A010-025	IS020/ IS025/ IS030	-ER16M-60	60		22	0.5-10	ER16M	22
A010-026		-ER20M-60	60		34	1-13	ER20M	34
A010-027		-ER20M-100	100					
A010-028		-GER16-60	60		22	0.5-10	ER16M	22
A010-029		-GER20-60	60		34	1-13	ER20M	34
A010-030		-UER16-60	60		22	0.5-10	ER16M	22
A010-031		-UER20-60	60		34	1-13	ER20M	34

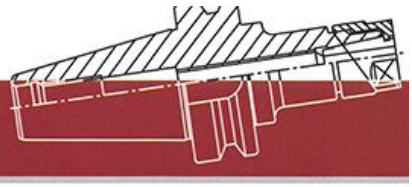
※扳手須訂購　Wrench need to order
※GSK標準動平衡G2.5 20000RPM;可選動平衡G2.5 30000RPM/G2.5 40000RPM.

High Speed GER Collet Chuck BT-SK/GER

MAS 403 BT

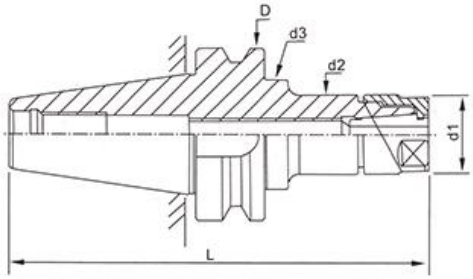


編號 Serial number	型號 Cat.No		d1	d2	夾持範圍 Clamping range	適用螺帽 Applied nut	DRAW BAR
A011-001	BT30	-SK6-60	19.5	20.5	0.7-6.0	SK6	M12X1.75P
A011-002		-SK6-90					
A011-003		-SK10-60	27/27.5	29	1.75-10.0	SK10	
A011-004		-SK10-90					
A011-005	BT40	-SK6-60	19.5	20.5	0.7-6.0	SK6	M16X2.0P
A011-006		-SK6-90					
A011-007		-SK10-60	27/27.5	29	1.75-10.0	SK10	
A011-008		-SK10-90					
A011-009		-SK16-60	40	41.9	2.75-16.0	SK16	
A011-010		-SK16-90					
A011-011		-SK20-60	48	51.3	4-20	SK20	
A011-012		-SK20-90					
A011-013	BT50	-SK10-105	27/27.5	29	1.75-10.0	SK10	M24X3.0P
A011-014		-SK10-135					
A011-015		-SK10-165					
A011-016		-SK16-105	40	41.9	2.75-16.0	SK16	
A011-017		-SK16-135					
A011-018		-SK16-165					
A011-019		-SK16-200					
A011-020		-SK20-105	48	51.3	4-20	SK20	
A011-021		-SK20-135					
A011-022		-SK20-165					
A011-023		-SK25-105	55	57.2	8-25.4	SK25	
A011-024		-SK25-135					
A011-025		-SK25-165					



High Speed GER Collet Chuck BT-SK/GSK

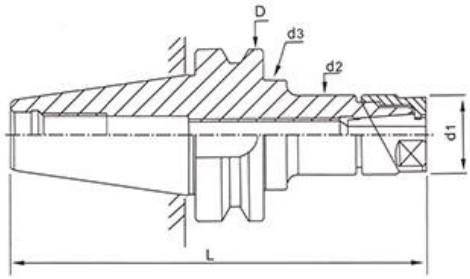
MAS 403 BT



編號 Serial number	型號 Cat.No		d1	d2	夾持範圍 Clamping range	適用螺帽 Applied nut	DRAW BAR
A011-026	BT30	-GSK6-60	19.5	20.5	0.7-6.0	GSK6	M12X1.75P
A011-027		-GSK6-90					
A011-028		-GSK10-60	27/27.5	29	1.75-10.0	GSK10	
A011-029		-GSK10-90					
A011-030		-GSK16-60	40	41.9	2.75-16.0	GSK16	
A011-031		-GSK16-90					
A011-032	BT40	-GSK6-60	19.5	20.5	0.7-6.0	GSK6	M16X2.0P
A011-033		-GSK6-90					
A011-034		-GSK10-60	27/27.5	29	1.75-10.0	GSK10	
A011-035		-GSK10-90					
A011-036		-GSK16-60	40	41.9	2.75-16.0	GSK16	
A011-037		-GSK16-90					
A011-038		-GSK20-60	48	51.3	4-20	SK20	
A011-039		-GSK20-90					
A011-040	BT50	-GSK10-105	27/27.5	29	1.75-10.0	GSK10	M24X3.0P
A011-041		-GSK10-135					
A011-042		-GSK10-165					
A011-043	BT50	-GSK16-105	40	41.9	2.75-16.0	GSK16	M24X3.0P
A011-044		-GSK16-135					
A011-045		-GSK16-165					
A011-046		-GSK16-200					
A011-047		-GSK20-105	48	51.3	4-20	SK20	
A011-048		-GSK20-135					
A011-049		-GSK20-165					
A011-050		-GSK20-200					
A011-051		-GSK25-105	55	57.2	8-25.4	SK25	
A011-052		-GSK25-135					
A011-053		-GSK25-165					
A011-054		-GSK25-200					

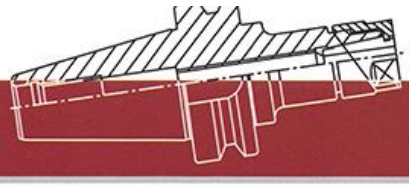
※扳手須另訂購 Wrench need to order

End Mill Holders ISO/NBT-SK

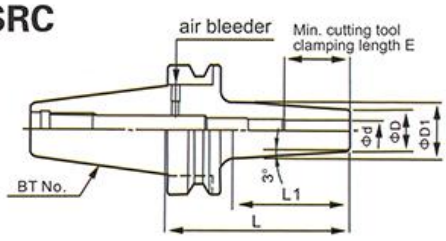


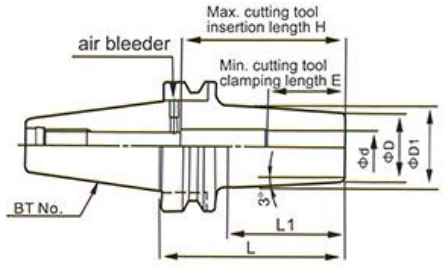
編號 Serial number	型號 Cat.No		l1	L	d1	夾持範圍d2 Clamping range	適用螺帽 Applied nut	d3
A012-001	IS020	-SK6A-35	35	85.3	19.5	0.7-6.0	SK6-A	20.5
A012-002		-SK10A-35			27/27.5	1.75-10	SK10-A	29
A012-003		-GSK6-35			19.5	0.7-6.0	GSK6-A	20.5
A012-004		-GSK10-35			27/27.5	1.75-10	GSK10-A	29
A012-005	IS025	-SK6A-35		95.7	19.5	0.7-6.0	SK6-A	20.5
A012-006		-SK10A-35			27/27.5	1.75-10	SK10-A	29
A012-007		-GSK6-35			19.5	0.7-6.0	GSK6-A	20.5
A012-008		-GSK10-35			27/27.5	1.75-10	GSK10-A	29
A012-009	IS030	-SK6A-60	60	131.8	19.5	0.7-6.0	SK6-A	20.5
A012-010		-SK10A-60			27/27.5	1.75-10	SK10-A	29
A012-011		-SK16M-60			40.0	2.75-16	SK16-M	41.9
A012-012		-GSK6-60			19.5	0.7-6.0	GSK6	20.5
A012-013		-GSK10-60			27/27.5	1.75-10	GSK10	29
A012-014		-GSK16-60			40.0	2.75-16	GSK16	41.9
A012-015	NBT30	-SK06-60	60	131.8	19.5	0.7-6.0	SK06	20.5
A012-016		-SK10-60			27/27.5	1.75-10	SK10	29
A012-017		-SK16-60			40.0	2.75-16	SK16	41.9
A012-018		-GSK06-60			19.5	0.7-6.0	GSK06	20.5
A012-019		-GSK10-60			27/27.5	1.75-10	GSK10	29

※扳手須訂購 Wrench need to order
※GSK標準動平衡G2.5 20000RPM;可選動平衡G2.5 30000RPM/G2.5 40000RPM.



Shrink Fit Chuck Standard Version BT-SRC

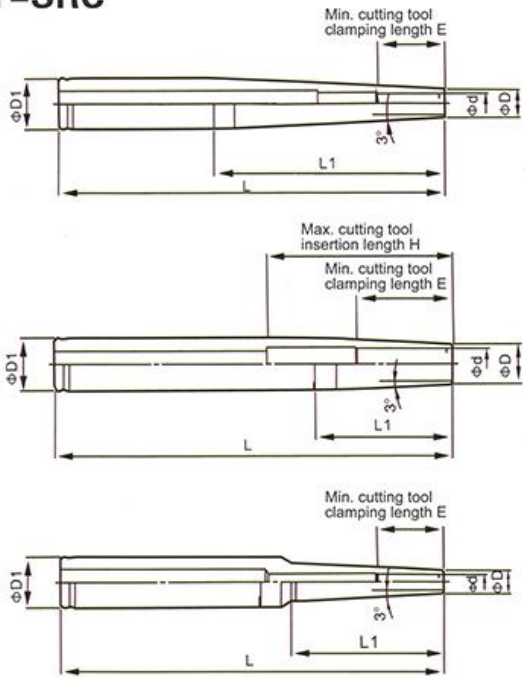




编號 Serial number	型號 Cat.No		d	D	D 1	L	L 1	Min. cutting tool clamping length	Max. cutting tool insertion length	weight(kg)	FIG
A013-001	BT30	-SRC4-75※	4	10	14.6	75	44	16	99	0. 45	II
A013-002		-SRC6-75	6	14	19.0		47	26	—	0. 47	I
A013-003		-SRC8-75	8	18	23.0					0. 51	
A013-004		-SRC10-75	10	22	27.0			32	62	0. 56	II
A013-005		-SRC12-75	12	24	29.0			36	72	0. 58	
A013-006		-SRC16-75	16	28	33.0		48	38	80	0. 62	
A013-007	BT40	-SRC4-90※	4	10	15.5	90	52	16	125	1. 05	II
A013-008		-SRC6-90	6	14	20.0		57	26	—	1. 07	I
A013-009		-SRC8-90	8	18	24.0					1. 12	
A013-010		-SRC10-90	10	22	28.0			32		1. 18	
A013-011		-SRC12-90	12	24	30.0			36		1. 20	
A013-012		-SRC16-90	16	28	34.0			38	80	1. 25	II
A013-013		-165			42.0	165	132			1. 82	
A013-014		-SRC20-90	20	34	40.0	90	57	42	100	1. 35	
A013-015		-165			48.0	165	132			2. 08	
A013-016	BT50	-SRC4-105	6	14	20.5	105	61	26	—	3. 7	I
A013-017		-165			26.0	165	116			3. 9	
A013-018		-SRC8-105	8	18	24.5	105	61			3. 8	
A013-019		-165			30.0	165	116			4. 0	
A013-020		-SRC10-105	10	22	28.5	105	61	32		3. 8	
A013-021		-165			34.0	165	116			4. 2	
A013-022		-SRC12-105	12	24	30.5	105	61	36		3. 9	
A013-023		-165			36.0	165	116			4. 2	
A013-024		-SRC16-105	16	28	34.5	105	61	38		3. 9	
A013-025		-165			40.0	165	116			4. 3	
A013-026		-SRC20-105	20	34	40.5	105	61	42		4. 0	
A013-027		-165			46.0	165	116			4. 6	

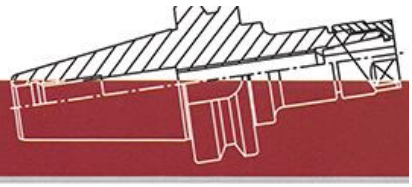
1.Please use hard alloy cutting tools with handle diameter terance H6
2.There is a cold hole inside, cold in the center

Shrink Fit Chuck Slim Version ST-SRC



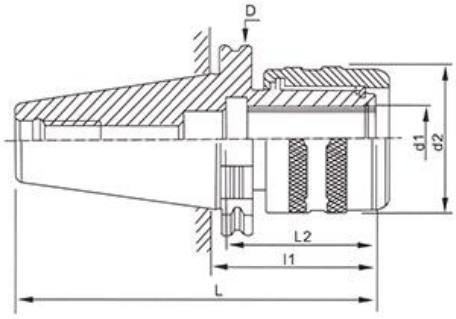
編號 Serial number	型號 Cat.No		d	D	D 1	L	L 1	Min. cutting tool clamping length	Max. cutting tool insertion length	weight (kg)	FIG
A014-001	ST12	-SRC 4SS -120※	4	7	12	120	51	16	—	0. 10	I
A014-002		-SRC6SS - 120	6	9			32	26	52	0. 10	II
A014-003	ST20	-SRC 4SS-150-K40※	4	7	20	150	40	16	—	0. 25	III
A014-004		-SRC 6SS-150-K60	6	9	20	150	60	26	—	0. 25	
A014-005		-200				200	110			0. 30	I
A014-006		-200-K 60					60			0. 30	III
A014-007		- 250				250	110			0. 35	I
A014-008		-250-K 60					60			0. 40	III
A014-009		-SRC 8SS - 150	8	11	20	150	90	26	—	0. 25	I
A014-010		-200				200				0. 30	
A014-011		- 250				250				0. 40	
A014-012		-SRC 10SS-150	10	13	20	150	71	32	60	0. 25	II
A014-013		-200				200				0. 35	
A014-014		- 250				250				0. 40	
A014-015		-SRC 12SS-150	12	15	20	150	52	36	70	0. 25	
A014-016		-200				200				0. 35	
A014-017		- 250				250				0. 45	

1.Please use hard alloy cutting tools with handle diameter terance H6
2.There is a cold hole inside, cold in the center



Hi-Power Milling Chcuks DAT(JT)-C

DIN 69871

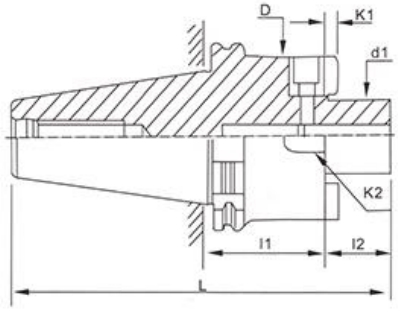


編號 Serial number	型號 Cat.No		d	D	L1	DRAW BAR
A015-001	DAT40	-MC32-105	32	73	105	M16X2.0P
A015-002	DAT50	-MC32-110			110	M24X3.0P
A015-003		-MC42-110	42	88		
A015-004	DAT60	-MC32-110	32	73		
A015-005		-MC42-110	42	88		M30X3.5P

※扳手須另訂購 Wrench need to order

Face Mill Arbor DAT(JT)-FMB/A

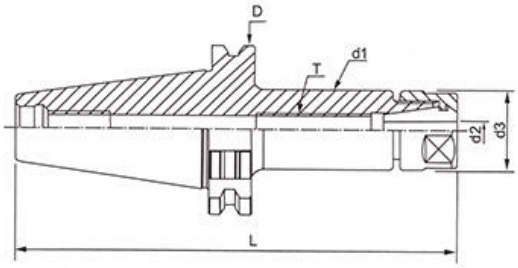
DIN 69871



編號 Serial number	型號 Cat.No		l1	l2	D	d1	K1	K2	DRAW BAR
A016-001	DAT40	-FMB22-45	45	18	48	22	4.8	10	M16X2.0P
A016-002		-FMB27-60	60	22	60	27	5.8	12	
A016-003		-FMB32-60		20	78	32	6.8	14	
A016-004	DAT50	-FMB22-45	45	18	48	22	4.8	10	M24X3.0P
A016-005		-FMB27-45		20	60	27	5.8	12	
A016-006		-FMB32-45		22	78	32	6.8	14	
A016-007		-FMB40-50	50	25	89	40	8.3	16	
A016-008	DAT40	-FMA25.4-45	45	20	48	25.4	4.52	9.52	M16X2.0P
A016-009		-FMA25.4-100	100						
A016-010	DAT50	-FMA25.4-60	60						M24X3.0P
A016-011		-FMA25.4-100	100						

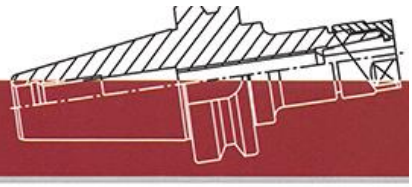
End Mill Holders DAT(JT)-ER

DIN 69871
DIN 6499



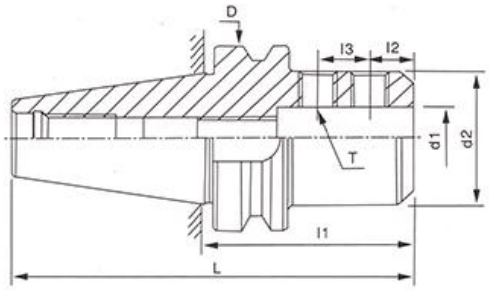
編號 Serial number	型號 Cat.No		d1	夾持範圍d2 Clamping range	d3	適用螺帽 Applied nut	DRAW BAR
A017-001	DAT40	-ER16A-70	28	0.5-10	28	ER16A	M16X2.0P
A017-002		-ER16A-100					
A017-003		-ER16A-150					
A017-004		-ER20A-70	34	1-13	34	ER20A	
A017-005		-ER20A-100					
A017-006		-ER20A-150					
A017-007		-ER16M-70	22	0.5-10	22	ER16M	
A017-008		-ER16M-100					
A017-009		-ER16M-150					
A017-010		-ER20M-70	28	1-13	28	ER20M	
A017-011		-ER20M-100					
A017-012		-ER20M-150					
A017-013		-ER25UM-70	42	2-16	42	ER25UM	
A017-014		-ER25UM-100					
A017-015		-ER25UM-150					
A017-016		-ER32UM-70	50	3-22.2	50	ER32UM	
A017-017		-ER32UM-100					
A017-018		-ER32UM-150					
A017-019	DAT50	-ER16A-100	28	0.5-10	28	ER16A	M24X3.0P
A017-020		-ER16A-120					
A017-021		-ER20A-100	34	1-13	34	ER20A	
A017-022		-ER20A-150					
A017-023		-ER25UM-100	42	2-16	42	ER25UM	
A017-024		-ER25UM-150					
A017-025		-ER25UM-200					
A017-026		-ER32UM-100	50	3-22.2	50	ER32UM	
A017-027		-ER32UM-150					
A017-028		-ER32UM-200					

※扳手須另購 The spanner must purchase alone



Side Lock Holder DAT(JT)SLA

DIN 69871
DIN 1835B

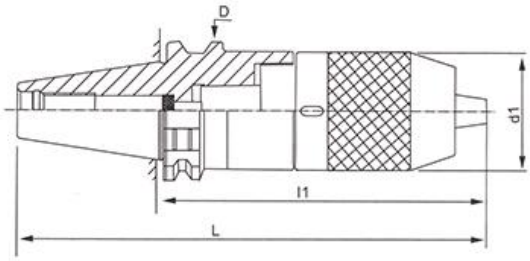


編號 Serial number	型號 Cat.No		d1	d2	L	l1	l2	l3	T
A018-001	DAT40	-SLA16-63	16	48	63	24	—	63.55	M14X2.0P
A018-002		-SLA20-63	20	52		25			M16X2.0P
A018-003		-SLA25-100	25	60	100	24	24		
A018-004		-SLA32-100	32	63		25	25		
A018-005	DAT50	-SLA16-63	16	48	63	24	—	97.5	M14X2.0P
A018-006		-SLA20-63	20	52		25			M16X2.0P
A018-007		-SLA25-80	25	60	80	25	24		
A018-008		-SLA32-100	32	63	100	30	25		
A018-009		-SLA40-100	40	90			32		
A018-010		-SLA42-100	42						

※扳手須另購 Wrench need to order
※非標可訂制 Non-standard parts can be ordered

Drill Chuck Holder DAT(JT)-APU

DIN 69871

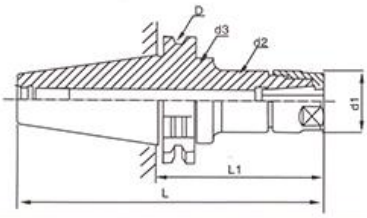


編號 Serial number	型號 Cat.No		L	L1	L2	D	d1	d2	夾持範圍 Clamping range
A019-001	DAT40	-APU13-100	180	100	75	63.55	50	13	1-13
A019-002	DAT50	-APU13-100	213.75			97.50			
A019-003		-APU16-110	218.75	110	80		57	16	1-16

※扳手須另購 Wrench need to order
※非標可訂制 Non-standard parts can be ordered

End Mill Holders DAT(JT)-SKA/M

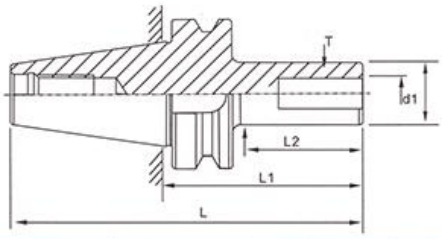
DIN 69871



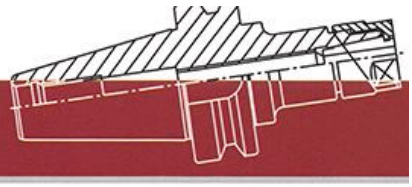
編號 Serial number	型號 Cat.No		L	D	適用螺帽 Applied nut	夾持範圍 Clamping range	d1	d2	d3
A020-001	DAT40	-SK10A-60	128.4	63.55	SK10-A	1.75-10.0	27.5	29	29
A020-002		-SK10A-90	158.4						40
A020-003		-SK16M-60	128.4		SK16-M	2.75-16.0	40	41.9	41.9
A020-004		-SK16M-90	158.4						
A020-005	DAT50	-SK10A-105	206.75	97.5	SK10-A	1.75-10.0	27.5	29	29
A020-006		-SK10A-135	236.75						32
A020-007		-SK10A-165	266.75						
A020-008		-SK16M-105	206.75		SK16-M	2.75-16.0	40	41.9	41.9
A020-009		-SK16M-135	236.75						
A020-010		-SK16M-165	266.75						50
A020-011		-SK16M-200	296.75						52

※扳手須訂購 The spanner must purchase alone

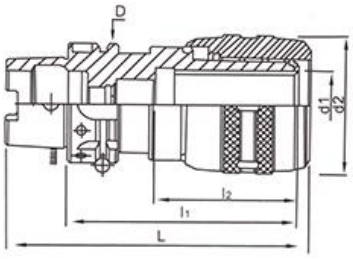
End Mill Holders BT-MFT



編號 Serial number	型號 Cat.No		L	L1	L2	d1	T
A021-001	BT40	-MFT16-M8-60	160.4	95	60	15	M8
A021-002		-MFT16-M8-110	210.4	145	110		
A021-003		-MFT20-M10-60	160.4	95	60	19	M10
A021-004		-MFT20-M10-110	210.4	145	110		
A021-005		-MFT25-M12-60	160.4	95	60	24	M12
A021-006		-MFT25-M12-110	220.4	155	120		
A021-007		-MFT30-M16-50	150.4	85	50	28	M16
A021-008		-MFT30-M16-100	200.4	135	100		
A021-009		-MFT30-M16-140	240.4	175	140	33	
A021-010		-MFT35-M16-60	160.4	95	60		
A021-011		-MFT35-M16-120	220.4	155	120		
A021-012	BT50	-MFT16-M8-60	206.8	105	60	15	M8
A021-013		-MFT16-M8-120	266.8	165	120		
A021-014		-MFT20-M10-60	206.8	105	60	19	M10
A021-015		-MFT20-M10-120	266.8	165	120		
A021-016		-MFT25-M12-60	206.8	105	60	24	M12
A021-017		-MFT25-M12-120	266.8	165	120		
A021-018		-MFT30-M16-60	206.8	105	60	28	M16
A021-019		-MFT30-M16-120	266.8	165	120		
A021-020		-MFT35-M16-60	206.8	105	60	33	
A021-021		-MFT35-M16-120	266.8	165	120		



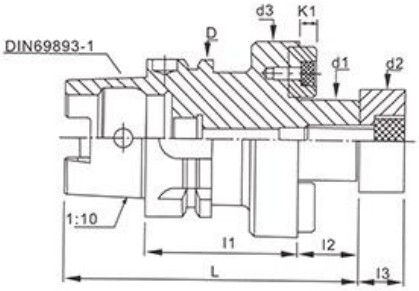
Straight Shank Shell End Mill Holders HSK(A)/C

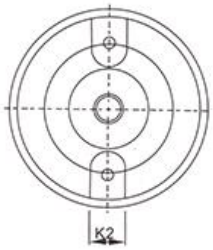


編號 Serial number	型號 Cat.No		L	l1	l2	D	d1	d2
A022-001	HSK50A	-MLC20-120	140	120	70	50	20	53
A022-002		-MLC32-120	152				32	73
A022-003	HSK63A	-MLC20-120			75	63	20	53
A022-004		-MLC32-120	182	150			32	73

※扳手須訂購 The spanner must purchase alone
※非標可訂制 Non-standard parts can be ordered

Face Mill Arbor HSK(A)-FMB



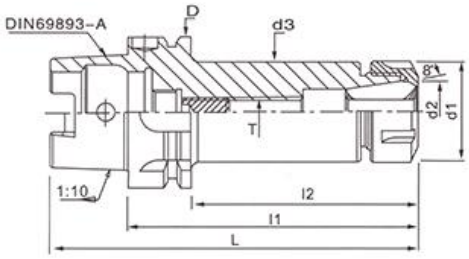


編號 Serial number	型號 Cat.No		l1	l2	l3	d2	d3	K1	K2
A023-001	HSK50A	-FMB22-60	60	18	14	26	48	4.8	10
A023-002		-FMB27-60		20	16	31.5	60	5.8	12
A023-003	HSK63A	-FMB22-100	100	18	14	26	48	4.8	10
A023-004		-FMB22-150	150						
A023-005		-FMB22-200	200						
A023-006		-FMB27-100	100	20	20.5	26	60	5.8	12
A023-007		-FMB32-100		20					
A023-008		-FMB40-100		25		31.5	78	6.8	14
A023-009	HSK100A	-FMB22-100	100	18	14	26	48	4.8	10
A023-010		-FMB22-150	150						
A023-011		-FMB22-200	200						
A023-012		-FMB27-100	100	20	16	41	60	5.8	12
A023-013		-FMB32-100		22		48	78	6.8	14
A023-014		-FMB40-100		25	20.5	68	89	8.3	16

※扳手須訂購 The spanner must purchase alone
※非標可訂制 Non-standard parts can be ordered

End Mill Holders HSK(A)-ER

DIN 69893

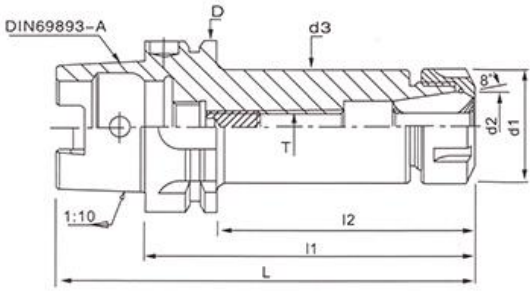


編號 Serial number	型號 Cat.No		L	l1	l2	D	d1	d2	d3	T
A024-001	HSK50A	-ER16A-80	105	80	54	50	28	16	28	M10X1.5P
A024-002		-ER16A-100	125	100	74					
A024-003		-ER16A-120	145	120	94					
A024-004		-ER20A-80	105	80	54		34	20	34	M12X1.75P
A024-005		-ER20A-100	125	100	74					
A024-006		-ER20A-120	145	120	94					
A024-007		-ER25-80	105	80	54		42	25	42	M16X2.0P
A024-008		-ER25-100	125	100	74					
A024-009		-ER25-135	160	135	109					
A024-010		-ER32-80	125	80	74		50	32	50	M16X2.0P
A024-011		-ER32-135	160	135	109					
A024-012		-ER32-160	185	160	134					
A024-013	HSK63A	-ER16A-100	132	100	74	63	28	16	28	M10X1.5P
A024-014		-ER16A-150	182	150	124					
A024-015		-ER20A-100	132	100	74		34	20	34	M12X1.75P
A024-016		-ER20A-150	182	150	124					
A024-017		-ER25-100	132	100	74		42	25	42	M16X2.0P
A024-018		-ER25-150	182	150	124					
A024-019		-ER32-100	132	100	74		50	32	50	
A024-020		-ER32-150	182	150	124					
A024-021		-ER32-200	232	200	174					
A024-022		-ER40-100	132	100	74		63	40	60	M20X2.0P
A024-023		-ER40-150	182	150	124					
A024-024		-ER40-200	232	200	174					
A024-025	HSK100A	-ER16A-100	150	100	71	100	28	16	28	M10X1.5P
A024-026		-ER16A-160	210	160	131					
A024-027		-ER20A-100	150	100	71		34	20	34	M12X1.75P
A024-028		-ER20A-160	210	160	131					
A024-029		-ER25-100	150	100	71		42	25	42	M16X2.0P
A024-030		-ER25-160	210	160	161					
A024-031		-ER32-100	150	100	71		50	32	50	
A024-032		-ER32-160	210	160	131					
A024-033		-ER40-120	170	120	91		63	40	60	M20X2.0P
A024-034		-ER40-175	225	175	146					
A024-035		-ER40-200	250	200	171					

※扳手須訂購 The spanner must purchase alone

End Mill Holders HSK(A)-GER

DIN 69893

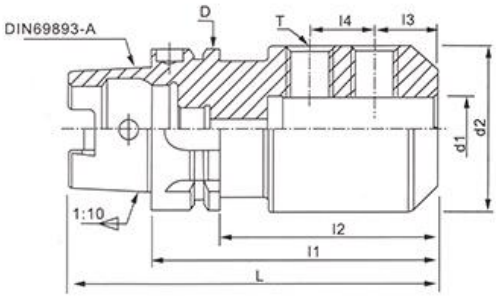


编號 Serial number	型號 Cat.No		L	l1	l2	D	d1	d2	d3	T
A025-001	HSK40E	-GER16M-60	86	60	40	40	27	16	28	M8X1.0P
A025-002		-GER20M-60	86	60	40		30	20	31	M10X1.5P
A025-003	HSK50A	-GER16-80	105	80	54	50	28	16	28	M10X1.5P
A025-004		-GER16-100	125	100	74					
A025-005		-GER16-120	145	120	94					
A025-006		-GER20-80	105	80	54		34	20	34	M12X1.75P
A025-007		-GER20-100	125	100	74					
A025-008		-GER20-120	145	120	94					
A025-009		-GER25-80	105	80	54		42	25	42	M16X2.0P
A025-010		-GER25-100	125	100	74					
A025-011		-GER25-135	160	135	109					
A025-012		-GER32-80	125	80	74		50	32	50	M16X2.0P
A025-013		-GER32-135	160	135	109					
A025-014		-GER32-160	185	160	134					
A025-015	HSK63A	-GER16-100	132	100	74	63	28	16	28	M10X1.5P
A025-016		-GER16-150	182	150	124					
A025-017		-GER20-100	132	100	74		34	20	34	M12X1.75P
A025-018		-GER20-150	182	150	124					
A025-019		-GER25-100	132	100	74		42	25	42	M16X2.0P
A025-020	HSK100A	-GER16-100	150	100	71	100	28	16	28	M10X1.5P
A025-021		-GER16-160	210	160	131					
A025-022		-GER20-100	150	100	71		34	20	34	M12X1.75P
A025-023		-GER20-160	210	160	131					
A025-024		-GER25-100	150	100	71		42	25	42	M16X2.0P
A025-025		-GER25-160	210	160	161					
A025-026		-GER32-100	150	100	71		50	32	50	
A025-027		-GER32-160	210	160	131					

※扳手須訂購 The spanner must purchase alone

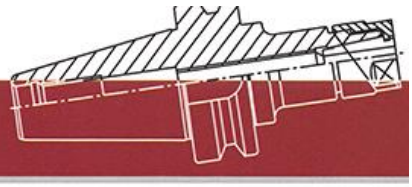
Side Lock Holder HSK(A)-SLA

DIN 69893



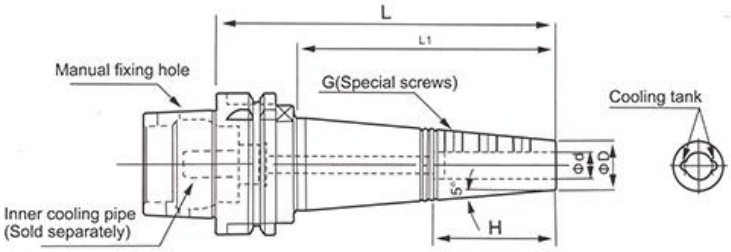
編號 Serial number	型號 Cat.No		L	l1	l2	l3	D	d2	T
A026-001	HSK50A	-SLA6-65	90	65	39	18	50	25	M6X1.0P
A026-002		-SLA8-65						28	M8X1.25P
A026-003		-SLA10-65				20		35	M10X1.5P
A026-004		-SLA12-80	105	80	54	22.5		42	M12X1.75P
A026-005		-SLA14-80						44	
A026-006		-SLA16-80						48	M14X2.0P
A026-007		-SLA18-80						50	
A026-008		-SLA20-80						52	M16X2.0P
A026-009	HSK63A	-SLA12-100	132	100	74		63	42	M12X1.75P
A026-010		-SLA14-100						44	
A026-011		-SLA16-100						48	M14X2.0P
A026-012		-SLA18-100						50	
A026-013		-SLA20-100						52	M16X2.0P
A026-014		-SLA25-110	142	110	84	24		65	M18X2.0P
A026-015		-SLA32-110						72	M20X2.0P
A026-016	HSK100A	-SLA12-100	150	100	71	22.5	100	42	M12X1.75P
A026-017		-SLA14-100						44	
A026-018		-SLA16-100						48	M14X2.0P
A026-019		-SLA18-100						50	
A026-020		-SLA20-100						52	M16X2.0P
A026-021		-SLA25-120	170	120	91	24		65	M18X2.0P
A026-022		-SLA32-120						72	M20X2.0P
A026-023		-SLA40-120				30		90	

※非標可訂制 Non-standard parts can be ordered



Side Lock Holder (Slim Type) HSK(A)-SSL

DIN 69893

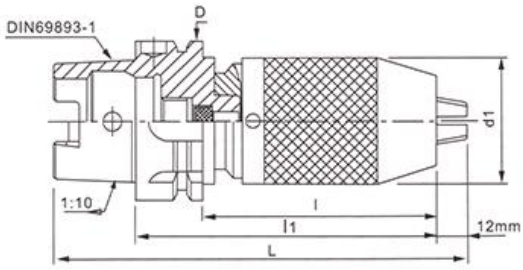


編號 Serial number	型號 Cat.No		Φd	ΦD	L	L1	H	G
A026-024	HSK63A	-SSL 3-135	3	10	135	99	—	M3
A026-025		-SSL 4-135	4	11				M4
A026-026		-SSL 6-135	6	13				M6
A026-027		-SSL 8-135	8	15				
A026-028		-SSL10-150	10	17	150	114	48	
A026-029		-SSL12-150	12	22			60	M8
A026-030		-SSL16-150	16	26			70	
A026-031		6-150	6	13	150	110	—	M6
A026-032	HSK100A	-200			200	160		
A026-033		-SSL 8-150	8	15	150	110		
A026-034		-200			200	160		
A026-035		-SSL10-150	10	17	150	110		
A026-036		-200			200	160		
A026-037		-SSL12-150	12	22	150	110		M8
A026-038		-200			200	160		
A026-039		-SSL16-150	16	26	150	110	65	
A026-040		-200			200	160		
A026-041		-SSL16-150	20	30	150	110	80	
A026-042		-200			200	160		

※非標可訂制 Non-standard parts can be ordered

Keyless Drill Chuck Holder HSK(A)-APU

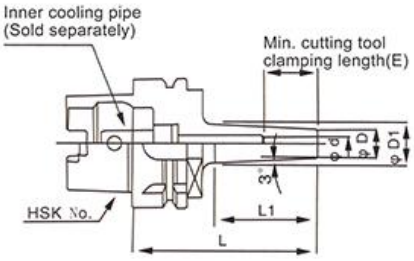
DIN 69893

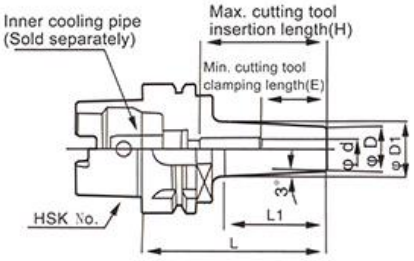


編號 Serial number	型號 Cat.No		L	l1	l2	D	d1	d2
A027-001	HSK50A	-APU13-110	147	84	55	50	50	5
A027-002	HSK63A	-APU13-110	154			63		10
A027-003	HSK100A	-APU13-120	182	91	75	100		13

※扳手須訂購 The spanner must purchase alone

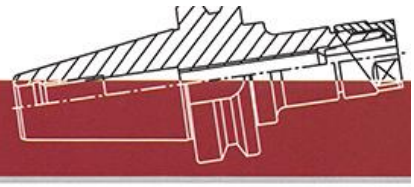
Shrink Fit Chuck Standard Version HSK-SRC



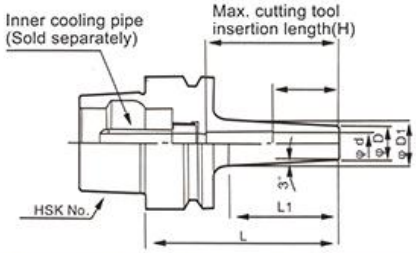


编號 Serial number	型號 Cat.No		d	D	D1	L	L1	Min. cutting tool clamping length	Max. cutting tool insertion length	weight(kg)
A028-001	HSK63A	-SRC 4- 90	4	10	14.7	90	45	16	68	0.85
A028-002		-SRC 6- 90	6	14	19.0		50	26	—	0.87
A028-003		-SRC 8- 90	8	18	23.0				52	0.91
A028-004		-SRC 10- 90	10	22	27.0			32	62	0.96
A028-005		-SRC 12- 90	12	24	29.0			36	65	0.98
A028-006		-SRC 16- 90	16	28	33.0			38		1.02
A028-007		-165			40.5	165	118		80	1.73
A028-008		-SRC 20- 90	20	34	39.5	90	52	42	65	1.11
A028-009		-165			46.5	165	121		100	1.85
A028-010	HSK100A	-SRC6- 105	6	14	20.0	105	57	26	—	2.47
A028-011		-165			26.5	165	117			2.67
A028-012		-SRC8- 105	8	18	24.0	105	57			2.52
A028-013		-165			30.5	165	117			2.79
A028-014		-SRC10-105	10	22	28.0	105	57	32		2.58
A028-015		-165			34.5	165	117			2.93
A028-016		-SRC12-105	12	24	30.0	105	57	36	72	2.61
A028-017		-165			36.5	165	117			2.99
A028-018		-SRC16-105	16	28	34.0	105	57	38		2.66
A028-019		-165			40.5	165	117		80	3.11
A028-020		-SRC20-105	20	34	40.0	105	57	42	72	2.77
A028-021		-165			46.5	165	117		100	3.35

1.Please use hard alloy cutting tools with handle diameter terance H6
2.There is a cold hole inside, cold in the center



Shrink Fit Chuck Slim Version HSK(E)-SRC

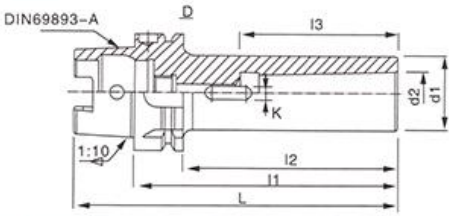


編號 Serial number	型號 Cat.No		d	D	D1	L	L1	Min. cutting tool clamping length	Max. cutting tool insertion length	weight(kg)
A028-022	HSK40E	-SRC 4S-60※	4	7	10.0	60	60	16	44	0.22
A028-023		-SRC 4S-90				90				
A028-024		-SRC 6S-75	6	10	15.0	75	49	26	52	0.24
A028-025		-SRC 6S-100								
A028-026		-SRC 8S-75	8	13	18.0	100				0.26
A028-027		-SRC 8S-100								
A028-028		-SRC10S-75	10	16	21.0	75		32	62	0.29
A028-029		-SRC10S-100								
A028-030		-SRC12S-75	12	19	24.0	100		36		0.31
A028-031		-SRC12S-100								
A028-032	HSK50E	-SRC 6S-75	6	10	14.5	75	43	26	52	0.45
A028-033		-SRC 6S-100								
A028-034		-SRC 8S-75	8	13	17.5	100				0.46
A028-035		-SRC 8S-100								
A028-036		-SRC10S-75	10	16	20.5	75		32	60	0.48
A028-037		-SRC10S-100								
A028-038		-SRC12S-75	12	19	23.5	100		36		0.51
A028-039		-SRC12S-100								

1.Please use hard alloy cutting tools with handle diameter terance H6
2.There is a cold hole inside, cold in the center

Morse Taper Drill Chuck Taper Sleeves HSK(A)/MTA

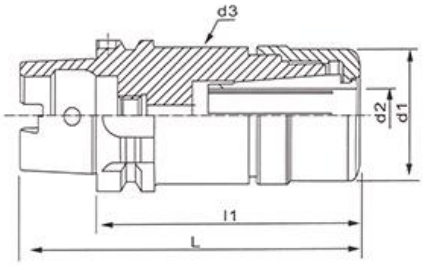
DIN 69893



編號 Serial number	型號 Cat.No		L	l1	l2	l3	d1	d2	K1
A029-001	HSK50A	-MTA1-100	125	100	74	56	25	12.065	5.5
A029-002		-MTA2-120	145	120	94	67	32	17.780	6.5
A029-003		-MTA3-140	165	140	114	84	40	23.825	8
A029-004	HSK63A	-MTA1-100	132	100	74	56	25	12.065	5.5
A029-005		-MTA2-120	152	120	94	67	32	17.780	6.5
A029-006		-MTA3-140	172	140	114	84	40	23.825	8
A029-007		-MTA4-160	192	160	134	107	48	31.267	12
A029-008	HSK100A	-MTA1-110	160	110	81	56	25	12.065	5.5
A029-009		-MTA2-120	170	120	91	67	32	17.780	6.5
A029-010		-MTA3-150	200	150	121	84	40	23.825	8
A029-011		-MTA4-170	220	170	141	107	48	31.267	12
A029-012		-MTA5-200	250	200	171	133	63	44.399	16

End Mill Holders HSK-GSK

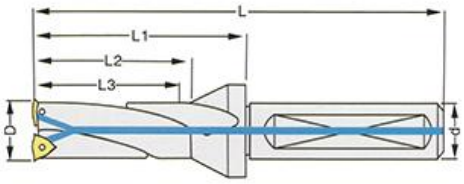
DIN 69893



編號 Serial number	型號 Cat.No		L	適用螺帽 Applied nut	夾持範圍 Clamping range	d1	d2	d3
A030-001	HSK40E	-GSK10-70	90	GSK10	1.75-10.0	27.5	29	29
A030-002	HSK50A	-GSK6-60	85	GSK6	0.7-6.0	19.5	20.5	20.5
A030-003		-GSK6-90	115					32
A030-004		-GSK10-60	85	GSK10	1.75-10.0	27.5	29	29
A030-005		-GSK10-90	115					
A030-006		-GSK16-90	115	GSK16	2.75-16.0	40	41.9	41.9
A030-007	HSK63A	-GSK6-60	92	GSK6	0.7-6.0	19.5	20.5	20.5
A030-008		-GSK6-90	122					32
A030-009		-GSK6-120	152					
A030-010		-GSK10-60	92	GSK10	1.75-10.0	27.5	29	29
A030-011		-GSK10-90	122					40
A030-012		-GSK10-120	152					
A030-013		-GSK10-150	182					
A030-014		-GSK16-60	92	GSK16	2.75-16.0	40	41.9	41.9
A030-015		-GSK16-90	122					
A030-016		-GSK16-120	152					
A030-017		-GSK16-150	182					
A030-018	HSK100A	-GSK10-105	155	GSK10	1.75-10.0	27.5	29	29
A030-019		-GSK10-135	185					32
A030-020		-GSK10-165	215					
A030-021		-GSK16-155	155	GSK16	2.75-16.0	40	41.9	41.9
A030-022		-GSK16-185	185					
A030-023		-GSK16-215	215					50
A030-024		-GSK16-245	245					52

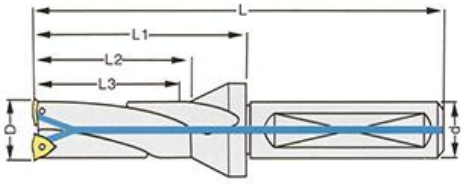
※扳手須訂購 The spanner must purchase alone

High Speed Indexable Drill 2x Diameter SD

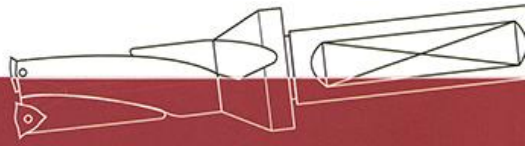


編號 Serial number	規格 Specification	D	L	L1	L2	L3	d	刀片 Inserts	M Screw	T Wrench
A031-001	A 25-SD16-32L	16	114	58	37	32	25	WC_0302	M2.5-6.3-3.35-60	T8
A031-002	A 25-SD17-34L	17	116	60	39	34	25			
A031-003	A 25-SD18-36L	18	119	63	41	36	25			
A031-004	A 25-SD19-38L	19	122	65	43	38	25			
A031-005	A 25-SD20-40L	20	125	69	46	40	25			
A031-006	A 25-SD21-42L	21	127	71	47	42	25	WC_0402	M2.5-6.3-3.35-60	T8
A031-007	A 32-SD22-44L	22	129	73	49	44	32			
A031-008	A 32-SD23-46L	23	132	76	51	46	32			
A031-009	A 32-SD24-48L	24	135	79	54	48	32			
A031-010	A 32-SD25-50L	25	138	82	56	50	32			
A031-011	A 32-SD26-52L	26	144	84	57	52	32	WC_0503	M3-8.0-4.4-60	T9
A031-012	A 32-SD27-54L	27	146	86	59	54	32			
A031-013	A 32-SD28-56L	28	149	89	61	56	32			
A031-014	A 32-SD29-58L	29	151	91	63	58	32			
A031-015	A 32-SD30-60L	30	155	95	66	60	32			
A031-016	A 32-SD31-62L	31	158	98	68	62	32	WC_06T3	M3.5-8.0-5.3-60	T15
A031-017	A 32-SD32-64L	32	160	100	70	64	32			
A031-018	A 32-SD33-66L	33	163	103	73	66	32			
A031-019	A 32-SD34-68L	34	165	105	74	68	32			
A031-020	A 32-SD35-70L	35	168	108	76	70	32			
A031-021	A 32-SD36-72L	36	167	107	75	72	32			
A031-022	A 32-SD37-74L	37	173	113	80	74	32			
A031-023	A 32-SD38-76L	38	176	116	82	76	32			
A031-024	A 32-SD39-78L	39	178	118	84	78	32			
A031-025	A 40-SD40-80L	40	191	121	86	80	40			
A031-026	A 40-SD41-82L	41	194	124	88	82	40			
A031-027	A 40-SD42-84L	42	196	126	90	84	40	WC_0804	M4-10-5.7-60	T15
A031-028	A 40-SD43-86L	43	198	128	92	86	40			
A031-029	A 40-SD44-88L	44	201	131	94	88	40			
A031-030	A 40-SD45-90L	45	203	133	96	90	40			
A031-031	A 40-SD46-92L	46	206	136	98	92	40			
A031-032	A 40-SD47-94L	47	208	138	100	94	40			
A031-033	A 40-SD48-96L	48	211	141	102	96	40			
A031-034	A 40-SD49-98L	49	214	143	104	98	40			
A031-035	A 40-SD50-100L	50	212	142	108	100	40			

High Speed Indexable Drill 3x Diameter SD

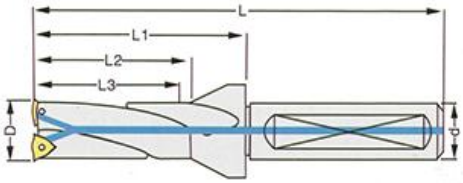


编號 Serial number	規格 Specification	D	L	L1	L2	L3	d	刀片 Inserts	M Screw	T Wrench
A031-036	A 25-SD14-42L	14	115	65	45	42	25	WC_0302	M2.5-6.3-3.35-60	T8
A031-037	A 25-SD15-45L	15	118	68	47	45	25			
A031-038	A 25-SD16-48L	16	130	74	53	48	25			
A031-039	A 25-SD17-51L	17	133	77	56	51	25			
A031-040	A 25-SD18-54L	18	137	81	59	54	25			
A031-041	A 25-SD19-57L	19	140	84	62	57	25			
A031-042	A 25-SD20-60L	20	145	89	66	60	25			
A031-043	A 25-SD21-63L	21	148	92	68	63	25	WC_0402		
A031-044	A 32-SD22-66L	22	151	95	71	66	32			
A031-045	A 32-SD23-69L	23	155	99	74	69	32			
A031-046	A 32-SD24-72L	24	159	103	78	72	32			
A031-047	A 32-SD25-75L	25	163	107	81	75	32			
A031-048	A 32-SD26-78L	26	170	110	83	78	32	WC_0503	M3-8.0-4.4-60	T9
A031-049	A 32-SD27-81L	27	173	113	86	81	32			
A031-050	A 32-SD28-84L	28	177	117	89	84	32			
A031-051	A 32-SD29-87L	29	180	120	92	87	32			
A031-052	A 32-SD30-96L	30	185	125	96	90	32			
A031-053	A 32-SD31-93L	31	189	129	99	93	32	WC_06T3	M3.5-8.0-5.3-60	T15
A031-054	A 32-SD32-96L	32	192	132	102	96	32			
A031-055	A 32-SD33-99L	33	196	136	105	99	32			
A031-056	A 32-SD34-102L	34	199	139	108	102	32			
A031-057	A 32-SD35-105L	35	203	143	111	105	32			
A031-058	A 32-SD36-108L	36	203	143	111	108	32			
A031-059	A 32-SD37-111L	37	210	150	117	111	32			
A031-060	A 32-SD38-114L	38	214	154	120	114	32			
A031-061	A 32-SD39-117L	39	217	157	123	117	32			
A031-062	A 40-SD40-120L	40	231	161	126	120	40			
A031-063	A 40-SD41-123L	41	235	165	129	123	40			
A031-064	A 40-SD42-126L	42	238	168	132	126	40	WC_0804	M4-10-5.7-60	T15
A031-065	A 40-SD43-129L	43	241	171	135	129	40			
A031-066	A 40-SD44-132L	44	245	175	138	132	40			
A031-067	A 40-SD45-135L	45	248	178	141	135	40			
A031-068	A 40-SD46-138L	46	252	182	144	138	40			
A031-069	A 40-SD47-141L	47	255	185	147	141	40			
A031-070	A 40-SD48-144L	48	259	189	150	144	40			
A031-071	A 40-SD49-147L	49	262	192	153	147	40			
A031-072	A 40-SD50-150L	50	262	192	158	150	40			
A031-073	A 40-SD51-153L	51	262	192	162	153	40			



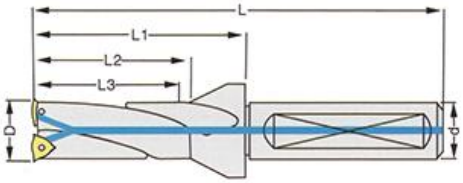
編 號 Serial number	規 格 Specification	D	L	L1	L2	L3	d	刀片 Inserts	M Screw	T Wrench
A031-074	A40-SD52-156L	52	262	192	165	156	40	WC_0804	M4-10-5.7-60	T15
A031-075	A40-SD53-159L	53	262	192	168	159	40			
A031-076	A40-SD54-162L	54	262	192	170	162	40			
A031-077	A40-SD55-165L	55	262	192	175	165	40			
A031-078	A40-SD56-168L	56	275	205	180	168	40			
A031-079	A40-SD57-171L	57	275	205	185	171	40			
A031-080	A40-SD58-174L	58	280	205	185	174	40			
A031-081	A40-SD59-177L	59	285	215	187	177	40			
A031-082	A40-SD60-180L	60	285	215	190	180	40			

High Speed Indexable Drill 3x Diameter SD

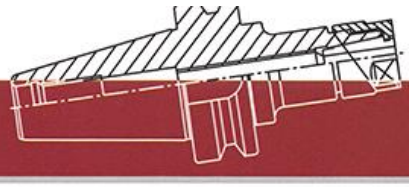


編 號 Serial number	規 格 Specification	D	L	L1	L2	L3	d	刀片 Inserts	M Screw	T Wrench
A031-083	A25-SD14.5-42L	14.5	115	65	45	42	25	WC_0302	M2.5-6.3-3.35-60	T8
A031-084	A25-SD15.5-45L	15.5	118	68	47	45	25			
A031-085	A25-SD16.5-48L	16.5	130	74	53	48	25			
A031-086	A25-SD17.5-51L	17.5	133	77	56	51	25			
A031-087	A25-SD18.5-54L	18.5	137	81	59	54	25			
A031-088	A25-SD19.5-57L	19.5	140	84	62	57	25			
A031-089	A25-SD20.5-60L	20.5	145	89	66	60	25			
A031-090	A25-SD21.5-63L	21.5	148	92	68	63	25	WC_0402	M2.5-6.3-3.35-60	T8
A031-091	A32-SD22.5-66L	22.5	151	95	71	66	32			
A031-092	A32-SD23.5-69L	23.5	155	99	74	69	32			
A031-093	A32-SD24.5-72L	24.5	159	103	78	72	32			
A031-094	A32-SD25.5-75L	25.5	163	107	81	75	32			

High Speed Indexable Drill 4x Diameter SD

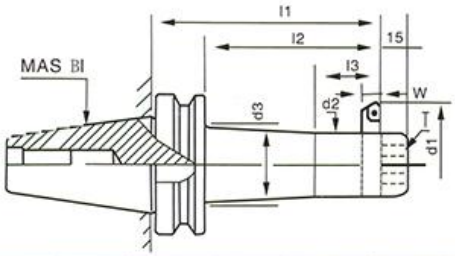


编 號 Serial number	規 格 Specification	D	L	L1	L2	L3	d	刀片 Inserts	M Screw	T Wrench
A031-095	A25-SD14-56L	14	129	79	59	56	25	WC_0302	M2.5-6.3-3.35-60	T8
A031-096	A25-SD15-60L	15	133	83	62	60	25			
A031-097	A25-SD16-64L	16	146	90	69	64	25			
A031-098	A25-SD17-68L	17	150	94	73	68	25			
A031-099	A25-SD18-72L	18	155	99	77	72	25			
A031-100	A25-SD19-76L	19	159	103	81	76	25			
A031-101	A25-SD20-80L	20	165	109	86	80	25			
A031-102	A25-SD21-84L	21	169	113	89	84	25	WC_0402	M2.5-6.3-3.35-60	T8
A031-103	A32-SD22-88L	22	173	117	93	88	32			
A031-104	A32-SD23-92L	23	178	122	97	92	32			
A031-105	A32-SD24-96L	24	183	127	102	96	32			
A031-106	A32-SD25-100L	25	188	132	106	100	32			
A031-107	A32-SD26-104L	26	196	136	109	104	32	WC_0503	M3-8.0-4.4-60	T9
A031-108	A32-SD27-108L	27	200	140	113	108	32			
A031-109	A32-SD28-112L	28	205	145	117	112	32			
A031-110	A32-SD29-116L	29	209	149	121	116	32			
A031-111	A32-SD30-120L	30	215	155	126	120	32			
A031-112	A32-SD31-124L	31	220	160	130	124	32	WC_06T3	M3.5-8.0-5.3-60	T15
A031-113	A32-SD32-128L	32	224	164	134	128	32			
A031-114	A32-SD33-132L	33	229	169	138	132	32			
A031-115	A32-SD34-136L	34	233	173	142	136	32			
A031-116	A32-SD35-140L	35	238	178	146	140	32			
A031-117	A32-SD39-156L	39	256	196	162	156	32			
A031-118	A40-SD41-164	41	276	208	170	164	40			
A031-119	A40-SD44-176L	44	289	219	182	176	40	WC_0804	M4-10-5.7-60	T15
A031-120	A40-SD47-188L	47	302	231	194	188	40			
A031-121	A40-SD49-196L	49	311	241	202	196	40			
A031-122	A40-SD54-216L	54	316	261	222	216	40			
A031-123	A40-SD59-236L	59	344	281	242	236	40			



Square Boring Bar B type BT-BSB 90°

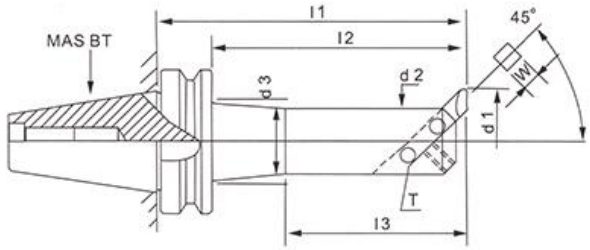
MAS 403 BT



编號 Serial number	型號 Cat.No		d1 Min.working hole	d1 Max.working hole	d2	d3	l2	l3	W	T	weight (kg)
A032-001	BT40	-BSB25-120	29	52	20	22	93	35	8	M6	1.2
A032-002		-BSB25-165					137				
A032-003		-BSB25-200					173				
A032-004		-BSB38-150	38	70	30	33	123	55	10	M8	1.7
A032-005		-BSB38-200					173				
A032-006		-BSB38-250					223				
A032-007		-BSB50-165	50	90	40	44	138	70	13	M10	2.5
A032-008		-BSB50-200					173				
A032-009		-BSB50-250					223				
A032-010		-BSB62-180	62	115	50	56	153	80	16	M10	3.6
A032-011		-BSB62-250					223				
A032-012		-BSB62-300					273				
A032-013		-BSB90-180	90	150	75	—	153	115	19	M12	5.9
A032-014		-BSB90-250					223				
A032-015		-BSB90-300					273				
A032-016	BT50	-BSB25-135	25	52	20	22	97	35	8	M6	4.3
A032-017		-BSB25-165					127				
A032-018		-BSB25-200					162				
A032-019		-BSB38-180	38	70	30	32	142	55	10	M8	4.9
A032-020		-BSB38-250					212				
A032-021		-BSB38-300					262				
A032-022		-BSB50-180	50	90	40	44	142	70	13	M10	5.5
A032-023		-BSB50-250					212				
A032-024		-BSB50-300					262				
A032-025		-BSB50-350					312				
A032-026		-BSB50-400					362				
A032-027		-BSB50-500					462				
A032-028		-BSB62-200	62	115	50	56	162	80	16		6.4
A032-029		-BSB62-300					262				
A032-030		-BSB62-400					362				
A032-031		-BSB62-500					462				
A032-032		-BSB90-200	90	150	75	80	162	115	20	M12	9.7
A032-033		-BSB90-220					182				
A032-034		-BSB90-300					262				
A032-035		-BSB90-400					362				
A032-036		-BSB90-500					462				
A032-037		-BSB90-550					512				
A032-038		-BSB105-200	105	190	90	90	162	—	25	M16	11.4
A032-039		-BSB105-300					262				
A032-040		-BSB105-400					362				
A032-041		-BSB105-500					462				
A032-042		-BSB105-600					562				

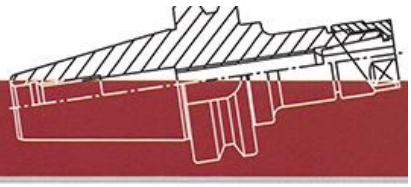
Square Boring Bar A type BT-BSA 45°

MAS 403 BT



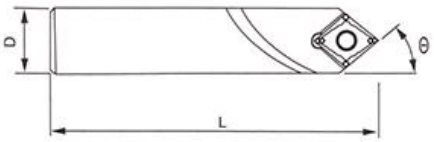
編號 Serial number	型號 Cat.No		d1 Min.working hole	d1 Max.working hole	d2	d3	l2	l3	W	T
A032-043	BT40	-BSA25-120	29	38	20	22	93	35	8	M6
A032-044		-BSA30-150	30	42	24	26	123	40		
A032-045		-BSA38-165	38	52	30	33	138	50	10	M8
A032-046		-BSA42-165	42	56	34	37	138			
A032-047		-BSA50-165	50	65	40	44	138	65	13	
A032-048		-BSA62-180	62	90	50	56	153	80	16	M10
A032-049		-BSA72-180	72	110	60	—	153	95	19	
A032-050		-BSA90-180	90	125	75		153	110		
A032-051	BT50	-BSA25-135	25	38	20	22	97	35	8	M6
A032-052		-BSA30-165	30	42	24	26	127	40		
A032-053		-BSA38-180	38	52	30	33	142	50	10	M8
A032-054		-BSA42-210	42	56	34	37	172	60		
A032-055		-BSA50-180	50	65	40	44	142	65	13	M10
A032-056		-BSA50-240					202			
A032-057		-BSA62-195	62	90	50	56	157	80	16	
A032-058		-BSA62-270					232			
A032-059		-BSA72-195	72	110	60	66	157	95	19	
A032-060		-BSA72-285					247			
A032-061		-BSA90-210	90	125	75	80	172	110		M12
A032-062		-BSA90-300					262			
A032-063		-BSA105-195	105	160	90	—	157	—	25	
A032-064		-BSA105-285				94	247	130		
A032-065		-BSA130-255	130	190	110	—	217	120		

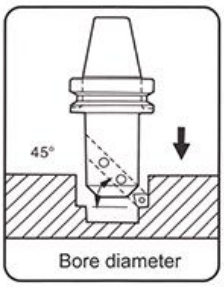
※非標可訂制 Non-standard parts can be ordered



Insert Holder Boring Bar BSB

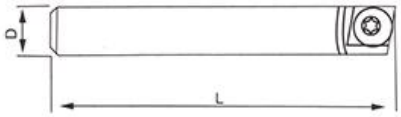
MAS 403 BT

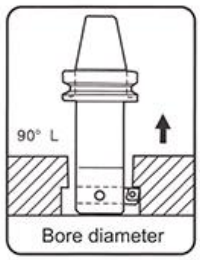




編 號 Serial number	型 號 Cat.No	D	L	角度 Degree	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 Screw
A033-001	BSB-308	8	55	30°	CCMT0602	M2.5-6.0-3.5-60	T9
A033-002	BSB-310	10	65				
A033-003	BSB-313	13	80		CCMT09T3	M4-10-5.7-60	T15
A033-004	BSB-316	16	120				
A033-005	BSB-319	19	140		CCMT1204	M5-11-7.5-60	T20
A033-006	BSB-325	25	150				
A033-007	BSB-408	8	55	45°	CCMT0602	M2.5-6.0-3.5-60	T9
A033-008	BSB-410	10	65				
A033-009	BSB-413	13	80		CCMT09T3	M4-10-5.7-60	T15
A033-010	BSB-416	16	120				
A033-011	BSB-419	19	140		CCMT1204	M5-11-7.5-60	T20
A033-012	BSB-425	25	150				
A033-013	BSB-908	8	55	90°	CCMT0602	M2.5-6.0-3.5-60	T9
A033-014	BSB-910	10	65				
A033-015	BSB-913	13	80		CCMT09T3	M4-10-5.7-60	T15
A033-016	BSB-916	16	120				
A033-017	BSB-919	19	140		CCMT1204	M5-11-7.5-60	T20
A033-018	BSB-925	25	150				

Square Cutter Boring Bar

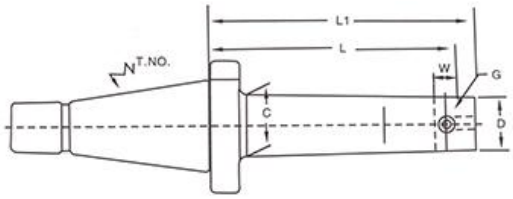




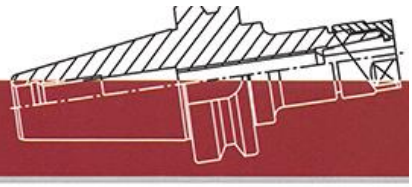
編 號 Serial number	型 號 Cat.No	D	L	角度 Degree	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 Screw
A033-019	BSB-908L	8	55	90°	CCMT0602	M2.5-6.0-3.5-60	T9
A033-020	BSB-910L	10	65				
A033-021	BSB-913L	13	80		CCMT09T3	M4-10-5.7-60	T15
A033-022	BSB-916L	16	120				
A033-023	BSB-919L	19	140		CCMT1204	M5-11-7.5-60	T20
A033-024	BSB-925L	25	150		CCMT1204	M5-11-7.5-60	T20

Features: Suitable for BSA BSB ABH. BSB suitable for heavy cutting.

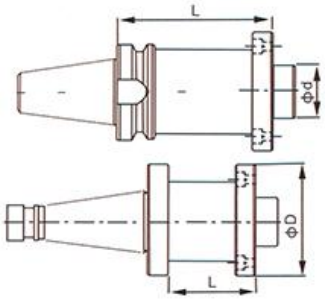
Boring Bar Holder BT-LBK



編號 Serial number	型號 Cat.No	d	D	L1	T
A034-001	BT30-LBK2-80	14	24	80	M5
A034-002	BT30-LBK3-80	18	31	80	M6
A034-003	BT30-LBK4-70	22	39	70	M8
A034-004	BT30-LBK5-60	28	50	60	M10
A034-005	BT30-LBK6-60	36	62	60	M12
A034-006	BT40-LBK2-85	14	24	85	M5
A034-007	BT40-LBK2-115	14	24	115	M5
A034-008	BT40-LBK3-95	18	31	95	M6
A034-009	BT40-LBK3-125	18	31	125	M6
A034-010	BT40-LBK3-155	18	31	155	M6
A034-011	BT40-LBK4-85	22	39	85	M8
A034-012	BT40-LBK4-135	22	39	130	M8
A034-013	BT40-LBK4-175	22	39	175	M8
A034-014	BT40-LBK5-75	28	50	75	M10
A034-015	BT40-LBK5-125	28	50	125	M10
A034-016	BT40-LBK5-175	28	50	175	M10
A034-017	BT40-LBK6-55	36	62	55	M12
A034-018	BT40-LBK6-115	36	62	115	M12
A034-019	BT40-LBK6-165	36	62	165	M12
A034-020	BT50-LBK2-110	14	24	110	M5
A034-021	BT50-LBK2-140	14	24	140	M5
A034-022	BT50-LBK3-125	18	31	125	M6
A034-023	BT50-LBK3-155	18	31	155	M6
A034-024	BT50-LBK4-115	22	39	115	M8
A034-025	BT50-LBK4-145	22	39	145	M8
A034-026	BT50-LBK4-175	22	39	175	M8
A034-027	BT50-LBK4-205	22	39	205	M8
A034-028	BT50-LBK5-105	28	50	105	M10
A034-029	BT50-LBK5-180	28	50	180	M10
A034-030	BT50-LBK5-240	28	50	240	M10
A034-031	BT50-LBK5-300	28	50	300	M10
A034-032	BT50-LBK6-85	36	62	85	M12
A034-033	BT50-LBK6-170	36	62	170	M12
A034-034	BT50-LBK6-230	36	62	230	M12
A034-035	BT50-LBK6-290	36	62	290	M12
A034-036	BT50-LBK6-350	36	62	350	M12
A034-037	BT40-LBK6-400	36	62	400	M12



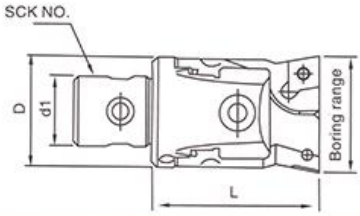
RW Boring Head Tool Holder BST



編 號 Serial number	型 號 Cat.No	L	d	D
A035-001	BST - BT40 - 100L	100	Φ50	Φ95
A035-002	BST - BT40 - 150L	150		
A035-003	BST - BT40 - 200L	200		
A035-004	BST - BT50 - 100L	100		
A035-005	BST - BT50 - 150L	150		
A035-006	BST - BT50 - 200L	200		
A035-007	BST - BT50 - 250L	250		
A035-008	BST - BT50 - 300L	300		
A035-009	BST - BT50 - 350L	350		
A035-010	BST - BT50 - 400L	400		
A035-011	BST - BT50 - 500L	500		
A035-012	BST - NT50 - 80L	80		
A035-013	BST - NT50 - 120L	120		
A035-014	BST - NT50 - 150L	150		
A035-015	BST - NT50 - 200L	200		
A035-016	BST - NT50 - 250L	250		
A035-017	BST - NT50 - 300L	300		
A035-018	BST - NT50 - 400L	400		
A035-019	BST - NT50 - 450L	500		

Double Side Cutter Arbor HDRBH

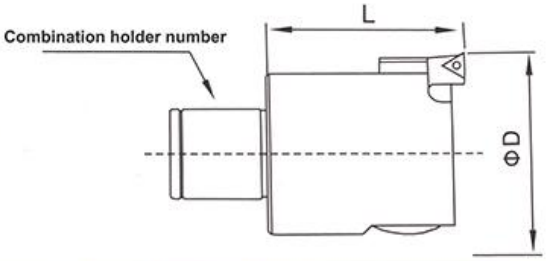
MAS 403 BT



編 號 Serial number	型 號 Cat.No	D	Boring range min	Boring range max	L	適用刀柄 Applied tool holder
A036-001	HDRBH 19	Φ11	18	25	38	CCMT06□□ CCMT09□□ CCMT12□□
A036-002	HDRBH 25	Φ14	25	33	48	
A036-003	HDRBH 32	Φ18	32	42	56	
A036-004	HDRBH 40	Φ22	40	55	67	
A036-005	HDRBH 52	Φ28	52	70	75	
A036-006	HDRBH 68	Φ36	68	92	83	
A036-007	HDRBH 90	Φ36	90	122	100	
A036-008	HDRBH 120	BST	120	164	97	
A036-009	HDRBH 160		160	204	91	
A036-010	HDRBH 200		200	300	95	
A036-011	HDRBH 300		300	400	95	
A036-012	HDRBH 400		400	500	95	

Micro-boring Head BT

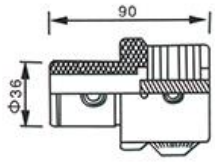
MAS 403 BT



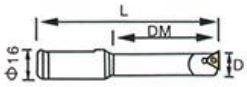
編 號 Serial number	型 號 Cat.No	D	Boring range min	Boring range max	L	適用刀柄 Applied tool holder
A037-001	FBH20	Φ11	20	26	35	TB□□0601□□ TP□□0802□□ TC□□0902□□
A037-002	FBH25	Φ14	25	33	40	
A037-003	FBH32	Φ18	32	42	40	
A037-004	FBH40	Φ22	40	55	50	
A037-005	FBH52	Φ28	52	75	60	TP□□0802□□ TP□□0902□□ TC□□1102□□
A037-006	FBH68	Φ36	68	102	72	
A037-007	FBH100		100	152		
A037-008	FBH150		150	202		
A037-009	FBH200	BST	200	310	130	TP□□0902□□ TC□□1102□□
A037-010	FBH300		300	410		
A037-011	FBH400		400	510		
A037-012	FBH500		500	610		
A037-013	FBH600	FMB60	600	950	150	
A037-014	FBH900		900	1250		

Micro-nishing Boring Tool Syetem NBJ16

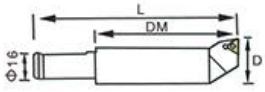
MAS 403 BT



Micro-boring cutter

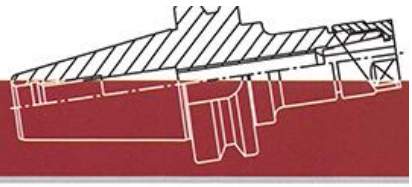


Micro-boring bar

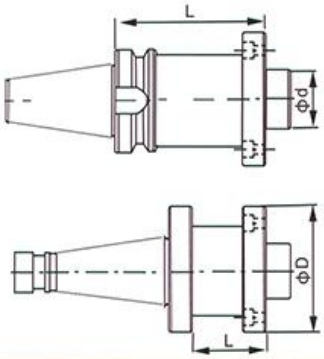


編 號 Serial number	型 號 Cat.No	鏜孔範圍 Boring Range	調整精度 Tuning precision	調整行程 Stroke	重量 Weight(KG)
A038-001	SBJ 16	Φ6~Φ51	Φ0.01/格	6.0m	1.2

編 號 Serial number	型 號 Cat.No	鏜孔範圍 Boring Range	D	L1	L	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 screw	重量 Weight (kg)
A038-002	SBJ-1606-24	6~9	30	24	73	WBGT0601. . L	M2X4	T6	0. 014
A038-003	SBJ-1608-32	8~11		32	80	TPGH0601. . L	M2X5		0.077
A038-004	SBJ-1610-40	10~13		40	87				0.082
A038-005	SBJ-1612-53	12~15		53	98	TPGH0902. . L	M2.5X6	T8	0.095
A038-006	SBJ-1614-60	14~17		68	110				0.101
A038-007	SBJ-1616-68	16~21		83	125	TPGH1103. . L	M3.0X7	T8	0.143
A038-008	SBJ-1620-83	20~26		90	128				0.203
A038-009	SBJ-1625-90	25~31		90	128				0.275
A038-010	SBJ-1630-90	30~36		90	128				0.275
A038-011	SBJ-1635-90	35~41		90	128				0.280
A038-012	SBJ-1640-90	40~46		90	128				0.286
A038-013	SBJ-1645-90	45~51		90	128				0.211



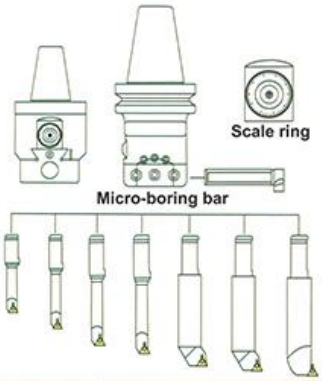
Boring Holder NBH



编 號 Serial number	型 號 Cat.No	L	d	D
A039-001	NBH- BT50 - 100L	100	Φ35	Φ84
A039-002	NBH - BT50 -165L	165		
A039-003	NBH - BT50 - 200L	200		
A039-004	NBH - BT50 - 250	250		
A039-005	NBH - BT50 - 300	300		
A039-006	NBH - BT50 - 400	400		
A039-007	NBH - NT50 - 100L	100		
A039-008	NBH - NT50 - 150L	150		
A039-009	NBH - NT50 - 200	200		
A039-010	NBH - NT50 - 250	250		
A039-011	NBH - NT50 - 300	300		
A039-012	NBH - NT50 - 400	400		
A039-013	NBH - NT50 - 500	500		

Micro-nishing Boring Head NBH2084

MAS 403 BT



编 號 Serial number	型 號 Cat.No	镗孔范围 Tuning precision	行程 Stroke	微调 Fine adjustment	镗孔直径 Boring hole diameter	组合刀柄 Tool holder set	L	D
A039-014	NBH2084	Φ8~Φ280	28mm	0. 01mm	Φ20	NBH	80	84

编 號 Serial number	型 號 Cat.No	D	D1	L	L1	镗孔範圍 Boring Range	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 screw	重量 Weight (kg)
A039-015	SBJ-2008-32	20	8	76	34	8~11	TBGT060102L	M2-5.0-2.7-6	T6	0.09
A039-016	SBJ-2010-40		10	84		10~13				0.10
A039-017	SBJ-2012-53		12	96		12~17	TPGT090204L	M2.5-6.0-3.5-6	T8	0.11
A039-018	SBJ-2016-68		16	107		16~21				0.15
A039-019	SBJ-2020-83		20	120		20~26	TPGT110304L	M3-8.0-4.0-43		0.20
A039-020	SBJ-2025-96		25	134		25~135				0.30
A039-021	SBJ-2030-115		30	150		30~140				0.50
A039-022	SBJ-L20-20		20	97		280				0.25

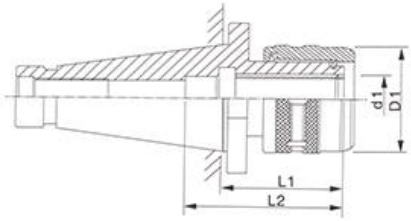
Micro-Boring Tool Kit NBH2084

MAS 403 BT

編號 Serial number	型號 Cat.No	鏜孔範圍 Boring Range	主柄軸規格 Spinde handle models	鏜頭型號 Head NO	鏜刀杆 Bar keep out	重量 Weight(KG)
A039-023	BT40-NBH2084-8P	8~280	BT40-NBH-50	NBH2084	SBJ-20..	9.5
A039-024	BT50-NBH2084-8P	8~280	BT50-NBH-55		SBJ-20..	12.0
A039-025	NT40-NBH2084-8P	8~280	NT40-NBH-50		SBJ-20..	9.3
A039-026	NT50-NBH2084-8P	8~280	NT50-NBH-55		SBJ-20..	10.8
A039-027	SK40-NBH2084-8P	8~280	SK40-NBH-50		SBJ-20..	9.5
A039-028	SK50-NBH2084-8P	8~280	SK50-NBH-55		SBJ-20..	12.0
A039-029	R8-NBH2084-8P	8~280	R8-NBH-50		SBJ-20..	10.0

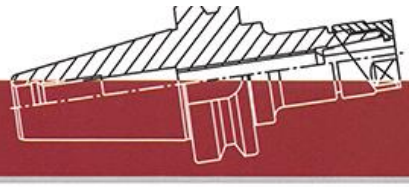
Hi-Power Milling Chcuks NT-C

DIN 2080



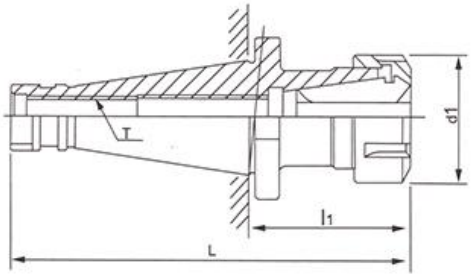
編號 Serial number	型號 Cat.No		d1	d	L1	L2	DRAW BAR INCH	
A040-001	NT30	-C20-65	20	55	65	60	1/2"12UMC	M12X1.75
A040-002		-C25-80	25		80			
A040-003	NT40	-C32-90	32	73	90	70	5/8"-11UNC	M16X2.0
A040-004		-C32-135			135			
A040-005		-C32-150			150			
A040-006	NT50	-C32-90			90		1"-8UNC	M24X3.0
A040-007		-C32-150			150			
A040-008		-C42-110	42	90	110	90		
A040-009	NT60	-C42-110				120	11/4"-7UNC	M30X3.5

※扳手須訂購 The spanner must purchase alone



End Mill Holders NT-ER

MAS 403 BT

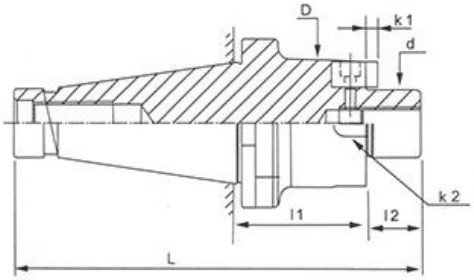


編號 Serial number	型號 Cat.No		L1	L	d1	DRAW BAR INCH	DRAW BAR METRIC
A041-001	NT30	-ER32UM-60	60	128.4	50	1/2"12UMC	M12X1.75
A041-002		-ER40UM-60		138.4	63		
A041-003	NT40	-ER32UM-60		153.4	50	5/8"-11UNC	M16X2.0
A041-004		-ER40UM-60		163.4	63		

※扳手須訂購 The spanner must purchase alone

Face Mill Holder (NT-FMB)(Metric Sizes)

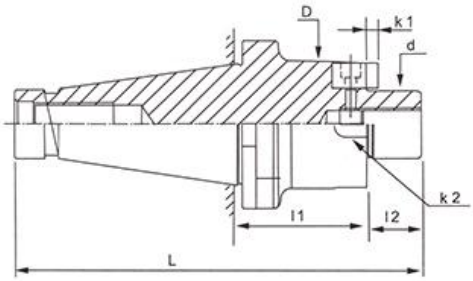
MAS 403 BT



編號 Serial number	型號 Cat.No		d	l1	l2	D	K1	K2	DRAWBOLT INCH	DRAWBOLT METRIC
A042-001	NT40	-FMB22-30	22	30	18	48	4.8	10	5/8"-11UNC	M16X2.0
A042-002		-FMB27-30	27		20	60	5.8	12		
A042-003		-FMB32-45	32	45	22	78	6.8	14		
A042-004		-FMB40-50	40	50	25	89	8.3	16		
A042-005	NT50	-FMB22-35	22	35	18	48	4.8	10	1"-8UNC	M24X3.0
A042-006		-FMB27-35	27		20	60	5.8	12		
A042-007		-FMB32-30	32	30	22	78	6.8	14		
A042-008		-FMB40-30	40		25	89	8.3	16		
A042-009		-FMB60-30	60			128.57	10	25.4		
A042-010		-FMB60-75		75						
A042-011		-FMB60-100		100						
A042-012		-FMB60-150		150						
A042-013		-FMB60-200		200						

Face Mill Holder (NT-FMA)(Inch Sizes)

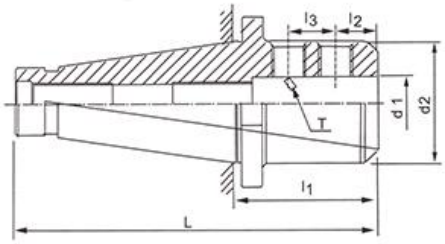
DIN 2080



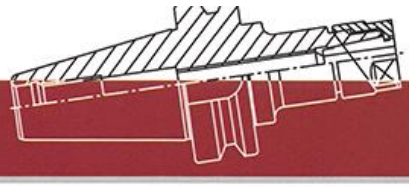
编 號 Serial number	型 號 Cat.No		d	l1	l2	D	K1	K2	DRAWBOLT INCH	DRAWBOLT METRIC
A042-014	NT40	-FMA25.4-20	25.4	20	20	48	4.52	9.52	5/8"-11UNC	M16X2.0
A042-015	NT50	-FMA47.625-24	47.625	24	30	128.57	10	25.4	1"-8UNC	M24X3.0
A042-016		-FMA47.625-75		75						
A042-017		-FMA47.625-100		100						
A042-018		-FMA47.625-150		150						
A042-019		-FMA47.625-200		200						

Side Lock Holder NT-SLA

DIN 2080

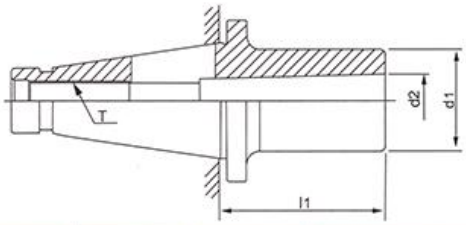


编 號 Serial number	型 號 Cat.No		d1	d2	l1	l2	l3	T	DRAWBOLT INCH	DRAWBOLT METRIC
A043-001	NT40	-SLA16-60	16	45	60	24	—	M14X2.0	5/8"-11UNC	M16X2.0
A043-002		-SLA20-65	20	50	65	25		M16X2.0		
A043-003		-SLA25-75	25		75	24	25	M18X2.0		
A043-004		-SLA32-90	32	60	90	24	28	M20X2.0		
A043-005		-SLA42-100	42	80	100	30	32			
A043-006	NT50	-SLA16-63	16	45	63	24	—	M14X2.0	1"-8UNC	M24X3.0
A043-007		-SLA20-63	20	50		24	25	M16X2.0		
A043-008		-SLA25-75	25		75	24		M18X2.0		
A043-009		-SLA32-80	32	60	80	24	28	M20X2.0		
A043-010		-SLA42-100	42	80	100	30	32			



Morse Taper Drill Chuck Holder NT-MTA

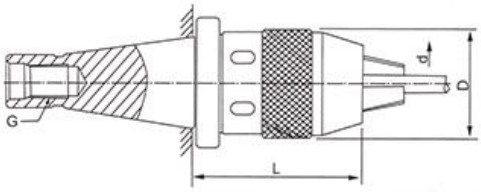
DIN 2080
DIN 228



編號 Serial number	型號 Cat.No		使用钻头 Applied drill	L1	d1	d2	DRAWBOLT	
A044-001	NT40	-MTA1-30	2.0-14.0	30	25	2.0-14.0	5/8"-11UNC	M16X2.0
A044-002		-MTA2-30	14.1-23.0		32	14.1-23.0		
A044-003		-MTA3-45	23.1-32.0	45	40	23.1-32.0		
A044-004		-MTA4-90	32.0-50.0	90	50	32.0-50.0		
A044-005	NT50	-MTA1-30	2.0-14.0	30	25	2.0-14.0	1"-8UNC	M24X3.0
A044-006		-MTA2-45	14.1-23.0	45	32	14.1-23.0		
A044-007		-MTA3-45	23.1-32.0		40	23.1-32.0		
A044-008		-MTA4-75	32.0-50.0	75	50	32.0-50.0		
A044-009		-MTA5-83	50.0-75.0	83	65	50.0-75.0		

Integral Keyless Drill Chuck Holder NT-APU

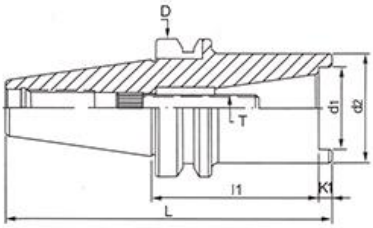
DIN 2080

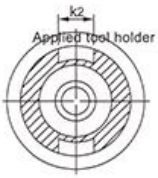


編號 Serial number	型號 Cat.No		L	D	夾持范围 Clamping range	DRAWBOLT	
A045-001	NT40	-APU13-110	110	50	1-13	5/8"-11UNC	M16X2.0
A045-002		-APU16-110		57	3-16		
A045-003	NT50	-APU13-110		50	1-13	1"-8UNC	M24X3.0
A045-004		-APU16-110		57	3-16		

※扳手須訂購 The spanner must purchase alone

Taper Sleeves BT-TSA

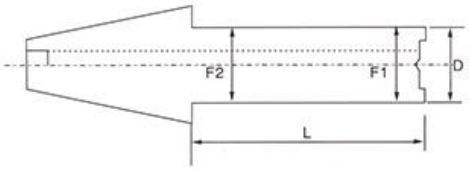




編號 Serial number	型號 Cat.No		l1	D	d2	K1	K2	T	DRAWBOLT INCH	DRAWBOLT METRIC
A046-001	BT50	-TSA40U-75	75	100	85	8	16	M16X2.0P	5/8"-11UNC	M16X2.0
A046-002		-TSA40U-100	100							
A046-003		-TSA50U-100	100		104	12	25.4	5/8"W11	1"-8UNC	M24X3.0
A046-004		-TSA50U-150	150							

※TSA50 拉釘須訂購 The spanner must purchase alone

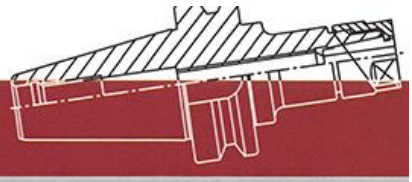
Touch Point Sensor BT-TA



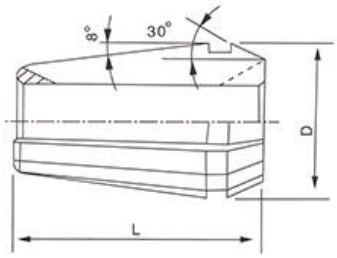
編號 Serial number	型號 Cat.No		D	L
A047-001	BT30	-TA30-200	30	200
A047-002		-TA30-250		250
A047-003	BT40	-TA40-250	40	
A047-004		-TA40-300		300
A047-005		-TA40-350		350
A047-006	BT50	-TA50-300	50	315
A047-007		-TA50-350		350
A047-008		-TA50-400		400

Touch Point Sensor NT-TA

編號 Serial number	型號 Cat.No		D	L	BRDW BOR
A047-009	NT30	-TA30-200	30	300	W1/2-12
A047-010		-TA30-300			M12-1.75P
A047-011	NT40	-TA40-250	40	250	W5/8-11
A047-012		-TA40-300		300	
A047-013		-TA40-350		350	M-16-2.0P
A047-014	NT50	-TA50-300	50	300	W1"-8
A047-015		-TA50-350		350	
A047-016		-TA50-400		400	M24-2P
A047-017	HSK40	-TA30-200	30	300	
A047-018		-TA30-300			
A047-019	HSK50	-TA40-250	40	250	
A047-020		-TA40-300		300	
A047-021		-TA40-350		350	
A047-022	HSK63	-TA50-300	50	300	
A047-023		-TA50-350		350	
A047-024		-TA50-400		400	

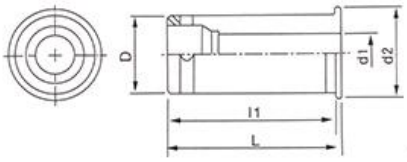


ER Collet Chuck



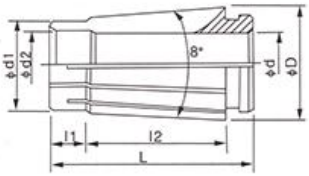
編 號 Serial number	型 號 Cat.No	D	L	RANGE	普通级 Ordinary level	A级 A level	AA级 AA level	夹持範圍 Clamping range
A048-001	ER11	11.5	18	0.5	0.015	0.01	5μ	0.5-7
A048-002	ER16	17	27.5	1.0				1-10
A048-003	ER20	21	31.5					1-13
A048-004	ER25	26	34					2-16
A048-005	ER32	33	40		0.02			3-22.2
A048-006	ER40	41	46					4-26

Straight Shank Collet Chucks



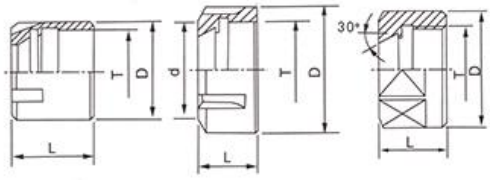
編 號 Serial number	型 號 Cat.No	d_1	d_2	L	l_1	适用范围 Applied range
A049-001	C20	20	25	52.50	49	3,4,5,6,8,10,12,14,15,15.6,16
A049-002	C25	25	30	59	56	3,4,5,6,8,10,12,14,16,18,20
A049-003	C32	32	37.50	63	60.7	3,4,5,6,8,10,12,15,15.6,16,19,20,24,25
A049-004	C42	42	47	80	77	6,8,10,12,15,15.6,16,19,20,24,25,32

High Speed SKS Collet Chuck



編 號 Serial number	型 號 Cat.No	夹持范围 Clamping range	精度等级A/AA Accuracy LevelA/AA	
A050-001	SKS6	0.8-6	A=8u	AA=3u
A050-002	SKS10	1.75-10		
A050-003	SKS16	3-16		
A050-004	SKS20	4-20		
A050-005	SKS25	8-25		

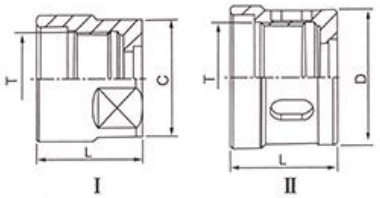
ER Nuts

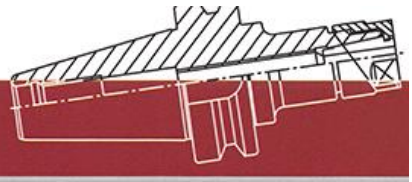


編 號 Serial number	型 號 Cat.No	D	d	L	T
A050-006	ER11A	19	17	11.3	M14X0.75P
A050-007	ER16A	28	21	18	M22X1.5P
A050-008	ER20A	34	25	19.5	M25X1.5P
A050-009	ER8M	12	—	10.8	M10X0.75P
A050-010	ER11M	16		12	M13X0.75P
A050-011	ER16M	22		18	M19X1.0P
A050-012	ER20M	28		19	M24X1.0P
A050-013	ER25M	35		20	M30X1.0P
A050-014	ER25UM/RD	42	32		M32X1.5P
A050-015	ER32UM/RD	50	38.5	23.5	M40X1.5P
A050-016	ER40UM/RD	63	48.3	25.5	M50X1.5P
A050-017	ER50UM/RD	78	60	35	M64X2.0P
A050-018	GER11A	19	17	11.3	M14X0.75P
A050-019	GER16A	30	21	18	M22X1.5P
A050-020	GER20A	34	25	19.5	M25X1.5P
A050-021	GER16M	27	25	19.5	M25x1.5P
A050-022	GER20M	30	32	20	M32X1.5P
A050-023	GER25UM/RD	40	32	20	M32X1.5P
A050-024	GER32UM/RD	50	38.5	23.5	M40X1.5P
A050-025	UER16	22	-	18	M19X1.0P
A050-026	UER20	28		19	M24X1.0P

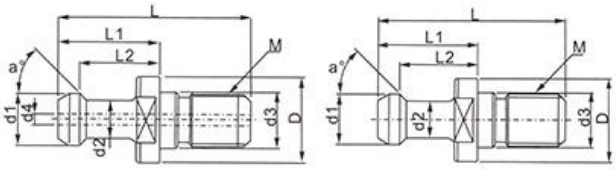
Nuts SK-GSK

編 號 Serial number	型 號 Cat.No	L	C	D	T
A051-001	SK6-A	15	18	—	M15.5X1.0P
A051-002	SK10-A	17	26		M21.5X1.0P
A051-003	SK16-M	24.5	—	40	M32X1.5P
A051-004	SK20-M	28		55	M40X1.5P
A051-005	SK25-M	30		55	M45X1.5P
A051-006	GSK6	21		19.5	M15.5X1.0P
A051-007	GSK10	24		27.5	M21.5X1.0P
A051-008	GSK16	31		40	M32X1.5P
A051-009	GSK20	28		40	M32X1.5P
A051-010	GSK25	37		55	M45X1.5P





Pull Stud



編號 Serial number	型號 Cat.No		a°	D	d1	d2	d3	d4	l1	l2	L	W	T
A052-001	MAS 403	BT30	45 60 90	16.5	11	7	12.5	—	23	18	42	14	M12
A052-002		BT40		23	15	10	17		35	28	60	19	M16
A052-003		BT50		38	23	17	25		45	35	85	30	M24
A052-004		BT40-W		23	15	10	17	4	35	28	60	19	M16
A052-005		BT50-W		38	23	17	25	7	45	35	85	30	M24
A052-006	DIN 69871	30-A	15	17	13	9	13	—	24	19	44	14	M12
A052-007		40-A		23	19	14	17	7	26	20	54	19	M16
A052-008		50-A		36	28	21	25	11.5	34	25	74	30	M24
A052-009	MAZAK	BT40	45	22	18.8	12.45	17	7	19.1	14	44.1	19	M16
A052-010		BT50		37	29	20.83	25	10	25.2	17.58	65.2	30	M24
A052-011	ISO	30-A		17	12	8	13	—	24	19	44	14	M12
A052-012		40-A		23	19	14	17	7	26	20	54	19	M16
A052-013		50-A		36	28	21	25	11.5	34	25	74	30	M24
A052-014		30-B		17	13.3	9.3	13	—	11.8	8.1	27	14	M12
A052-015		40-B		22.5	18.95	12.95	17	7.35	16.4	11.15	44.5	19	M16
A052-016		50-B		36	29.1	19.6	25	11.55	25.55	17.95	65.5	30	M24
A052-017	JIS B6339	30	75	16.5	12	8	12.5	4	—	23.4	43	14	M12
A052-018		40		23	19	14	17	7		29	54	19	M16
A052-019		50		38	28	21	25	10		34	74	30	M24

Wrench

編號 Serial number	型號 Cat.No	規格 Specification				
A053-001	OPEN TYPE	ER11	ER16	ER20	SKA06	SKA10
A053-002	BAYONER TYPE	ER25	ER32		ER40	ER50
A053-003	DAISY TYPE	ER8	ER11	ER16	ER20	ER25
A053-004	HOOK TYPE	APU13	C20	C25	C32	C42
A053-005	SLEEVE TYPE	GSK06	GSK10	C20	C25	C32

Edge Finder

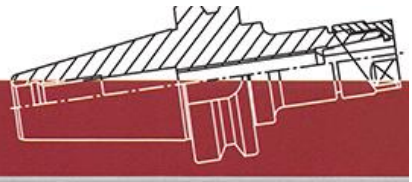
編號 Serial number	型號 Cat.No	D1	L1	L2
A054-001	PM-20	20	77	35
A054-002	PM-32	32	71	40
A054-003	PM-10	10	90	FIG:1
A054-004			82.8	FIG:2

Holder lock LD-BT/DAT/CAT

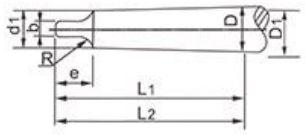
編號 Serial number	型號 Cat.No		L	l1	l2	l3	H	W
A055-001	LD	Bt30	210	95	10	15	130	100
A055-002		BT40						
A055-003		BT50	275	113	20	24	200	150
A055-004		DAT30	210	95	10	15	130	100
A055-005		DAT40						
A055-006		DAT50	275	113	20	24	200	150
A055-007		CAT30	210	95	10	15	130	100
A055-008		CAT40						
A055-009		CAT50	275	113	20	24	200	150
A055-010		ISO30						
A055-011		HSK40						
A055-012		HSK50						
A055-013		HSK63						

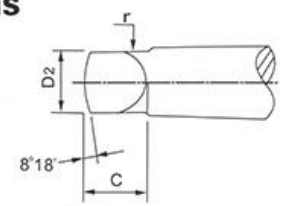
Spindle Cleaner

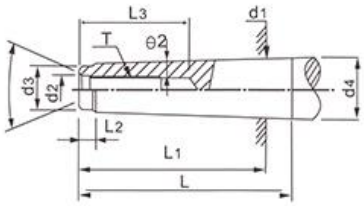
編號 Serial number	型號 Cat.No	斜度 Teper NO
A056-001	W25	7:24
A056-002	W30	7:24
A056-003	W40	7:24
A056-004	W50	7:24
A056-005	HSK-W63	1:10



Reference specifications





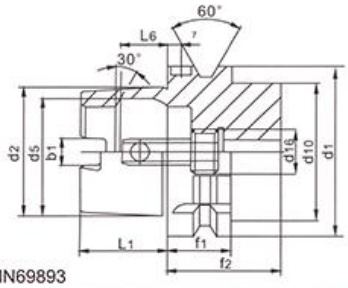


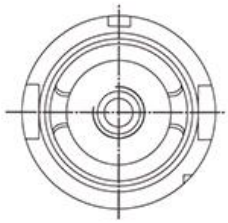
A Attached Flat tail type:DIN288

TYPE	D	D1	d1	d2	l1	l2	b	c	e	R	r	对应钻头直径范围 Corresponding drill diameter range (mm)
MT0A	9.045	9.201	6.104	6	56.5	59.5	3.9	6.5	10.5	4	1	–
MT1A	12.065	12.240	8.972	8.7	62.0	65.5	5.2	8.5	13.5	5	1.2	3.00–14.00
MT2A	17.780	18.030	14.034	13.5	75.0	80.0	6.3	10.0	16.0	6	1.6	14.00–23.00
MT3A	23.825	24.076	19.107	18.5	94.0	99.0	7.9	13.0	20.0	7	2	23.00–32.00
MT4A	31.267	31.605	25.164	24.5	117.5	124.0	11.9	16.0	24.0	8	2.5	32.00–50.00
MT5A	44.399	44.741	36.531	35.7	149.5	156.0	15.9	19.0	29.0	10	3	50.00–75.00
MT6A	63.348	63.765	52.399	51.0	210.0	218.0	19.0	27.0	40.0	13	4	75.00–100.00
MT7A	83.058	83.578	68.185	66.8	286.0	296.0	28.6	35.0	54.0	19	5	–

B Locking type

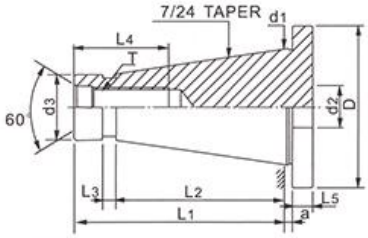
TYPE	0 /2TYPE	d1	d2	d3	d4	L	l1	l2	l3	T
MT2B	1°25'50"	17.780	10.5	14	18	69	64	5	24	3/8"W16,M10×1.5P
MT3B	1°26'16"	23.825	13	19	24.1	86	81	7	24	1/2"W12,M12×1.75P
MT4B	1°29'15"	31.267	17	25	31.6	109	102.5	9	32	5/8"W11,M16×2.0P
MT5B	1°30'26"	44.399	21	35.7	44.7	136	129.5	10	40	1"W8,M24×3.0P

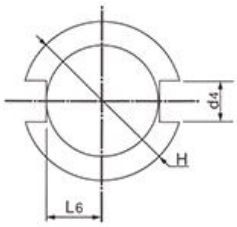




Ontology specifications:DIN69893

HSK	b1	d1	d2	d5	d10 max	d16	f1	f2 min	l1	l6
63	12.54	63	48	40	53	M18×1.0	26	42	32	18.13
100	20.0	100	75	63	85	M24×1.5	29	46	50	28.56



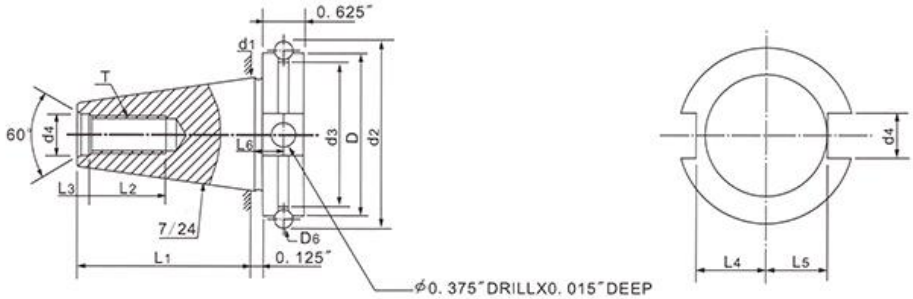


Ontology specifications:DIN2080

Taper precision standard AT3

TYPE	D	d1	d2	D3 MNI.	d4 ±0.001	a	l1	l2	l3	l4	l5	l6	H	T
NT 30	49	31.75	16.1	14	–	1.6	68.4	48.4	3	24	8	–	–	1/2"13W12,M12×1.75,1/2"UNC 13
NT 40	63	44.45	16.1	19	16.1	1.6	93.4	65.4	5	32	10	22.5	ϕ63	5/8"W11,M16×2.0P
NT 50	97.5	69.85	25.7	25	25.7	3.2	126.8	101.8	8	47	12	35.3	ϕ97.5	1"W8,M24×3.0P

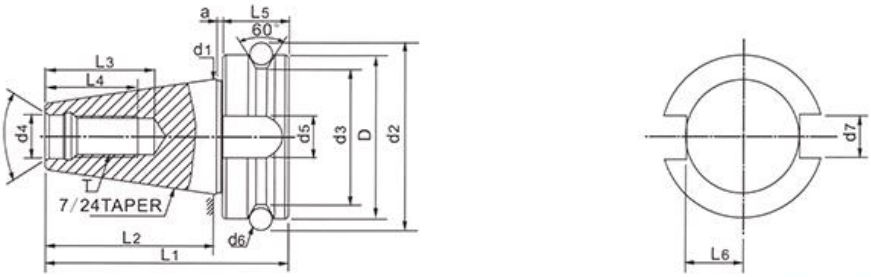
Reference specifications



Inch Sizes:ANSI B5.50

Taper precision standard AT3

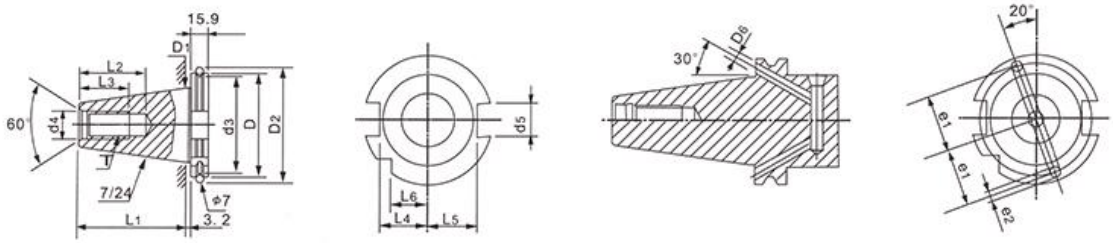
TYPE	D ±0.002	d1	d2 ±0.002	d3 ±0.01	d4 ±0.015	d5 ±0.001	d6	l1 ±0.005	l2 Min	l3 ±0.01	l4 ±0 -0.015	l5 ±0 -0.015	l6 ±0.01	T UNC 2B
CAT30	1.812	1.25	2.176	1.531	0.516	0.645	0.2813	1.875	1.00	0.188	0.735	0.64	0.44	0.500-13
CAT40	2.500	1.75	2.813	2.219	0.641	0.645	0.2813	2.687	1.12	0.188	0.985	0.89	0.44	0.625-11
CAT45	3.250	2.25	3.613	2.969	0.766	0.770	0.2813	3.250	1.50	0.188	1.235	1.14	0.44	0.750-10
CAT50	3.875	2.75	4.238	3.549	1.031	1.020	0.2813	4.000	1.75	0.250	1.485	1.39	0.44	1.000-08



Ontology specifications:MAS 403

Taper precision standard AT3

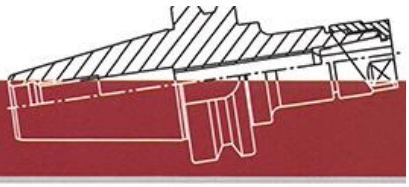
TYPE	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	l6	a	T
BT30	46	31.75	56.14	38	12.5	16.1	8	16.1	70.4	48.4	34	24	20	16.3	2	M12×1.75P
BT40	63	44.45	75.679	53	17	16.1	10	16.1	92.4	65.4	70	30	25	22.6	2	M16×2.0P
Bt50	100	69.85	119.02	85	25	25.7	15	25.7	139.8	101.8	90	45	35	35.4	3	M24×3.0P



DAT Ontology specifications:DIN 69 871-A(Fig1), DAT Ontology specifications:DIN 69 871-A(Fig2)

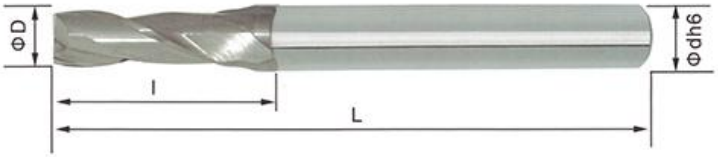
Taper precision standard AT3

TYPE	D	d1	d2	d3	d4 H7	d5	d6	l1	l2	l3	l4	l5	l6	e1 ±0.01	e2 MAX
DAT30	50	31.75	59.30	44.30	13	16.1	4	47.8	33.5	24	19	16.4	15	21	5
DAT40	63.55	44.45	75.30	56.25	17	16.1	4	68.4	42.5	32	25	22.8	18.5	27	5
DAT50	97.50	69.85	107.25	91.25	25	25.7	6	101.75	61.5	47	37.7	3.5.5	30	42	7

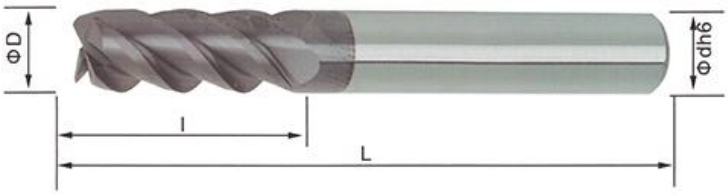


備 忘 録

2刃立銑刀
2Flutes Square End Mills



4刃立銑刀
4Flutes Square End Mills

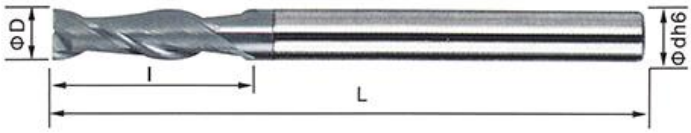


HRC45° 、55° 、63° TOOL

MG ALTIN 2Flute 4Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E001-001	1.0	4	3	50
E001-002	1.5	4	4	50
E001-003	2.0	4	5	50
E001-004	2.5	4	6	50
E001-005	3.0	4	8	50
E001-006	3.5	4	10	50
E001-007	4.0	4	11	50
E001-008	1.0	6	3	50
E001-009	1.5	6	4	50
E001-010	2.0	6	5	50
E001-011	2.5	6	6	50
E001-012	3.0	6	8	50
E001-013	3.5	6	10	50
E001-014	4.0	6	11	50
E001-015	5.0	6	13	50
E001-016	6.0	6	15	50
E001-017	7.0	8	17	60
E001-018	8.0	8	20	60
E001-019	10.0	10	25	75
E001-020	12.0	12	30	75
E001-021	14.0	14	35	100
E001-022	16.0	16	40	100
E001-023	18.0	18	40	100
E001-024	20.0	20	40	100

長刃型2刃立銑刀
Long Flutes2 Square End Mills



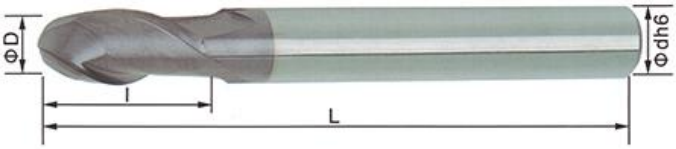
長刃型4刃立銑刀
Long Flutes4 Square End Mills

HRC45° 、55° 、63° TOOL

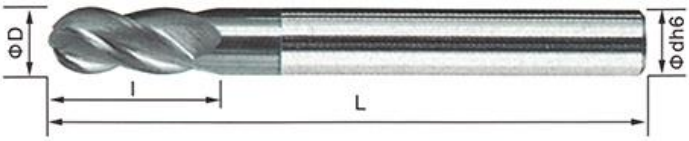
MG ALTIN 2Flute 4Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E002-001	3.0	4	15	75
E002-002	3.5	4	15	75
E002-003	4.0	4	20	75
E002-004	4.5	6	20	75
E002-005	5.0	6	25	75
E002-006	5.5	6	25	75
E002-007	6.0	6	25	75
E002-008	6.5	8	25	75
E002-009	7.0	8	25	75
E002-010	7.5	8	25	75
E002-011	8.0	8	30	75
E002-012	3.0	6	15	100
E002-013	4.0	6	25	100
E002-014	5.0	6	30	100
E002-015	6.0	6	30	100
E002-016	7.0	8	35	100
E002-017	8.0	8	35	100
E002-018	9.0	10	40	100
E002-019	10.0	10	40	100
E002-020	11.0	12	45	100
E002-021	12.0	12	45	100
E002-022	8.0	8	40	150
E002-023	10.0	10	50	150
E002-024	12.0	12	50	150
E002-025	16.0	16	70	150
E002-026	18..0	20	80	150
E002-027	20.0	20	80	150

2刃球頭銑刀
2Flutes Ball Nose End Mills



4刃球頭銑刀
4Flutes Ball Nose End Mills

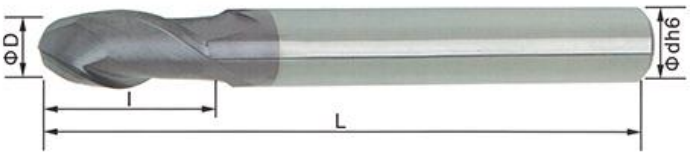


HRC45° 、55° 、63° TOOL

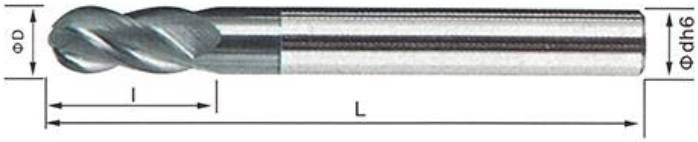
MG ALTiN 2Flute 4Flute

編 號 Serial number	R徑 Radius (R)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E003-001	R0.5	4	2	50
E003-002	R0.75	4	3	50
E003-003	R1.0	4	4	50
E003-004	R1.25	4	5	50
E003-005	R1.5	4	6	50
E003-006	R1.75	4	7	50
E003-007	R2.0	4	8	50
E003-008	R0.5	6	2	50
E003-009	R0.75	6	3	50
E003-010	R1.0	6	4	50
E003-011	R1.5	6	6	50
E003-012	R2.0	6	8	50
E003-013	R2.5	6	10	50
E003-014	R3.0	6	12	50
E003-015	R4.0	8	16	60
E003-016	R5.0	10	20	75
E003-017	R6.0	12	24	75
E003-018	R8.0	16	30	100
E003-019	R10.0	20	30	100

長柄型2刃球頭銑刀
Long shank2Flutes Ball Nose End Mills



長柄型4刃球頭銑刀
Long shank4Flutes Ball Nose End Mills

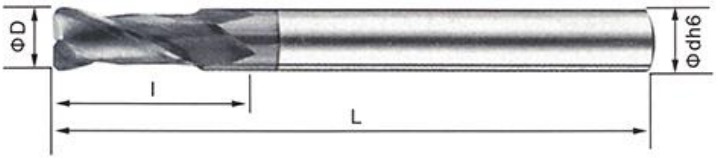


HRC45° 、55° 、63° TOOL

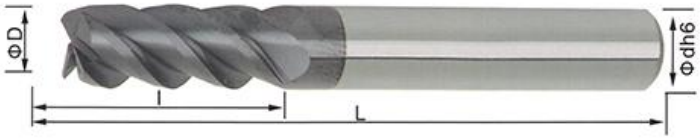
MG ALTIN 2Flute 4Flute

編 號 Serial number	R徑 Radius (R)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E004-001	R0.5	4	2	75
E004-002	R0.75	4	3	75
E004-003	R1.0	4	4	75
E004-004	R1.5	4	6	75
E004-005	R2.0	4	8	75
E004-006	R0.5	6	2	75
E004-007	R0.75	6	3	75
E004-008	R1.0	6	4	75
E004-009	R1.5	6	6	75
E004-010	R2.0	6	8	75
E004-011	R2.5	6	10	75
E004-012	R3.0	6	12	75
E004-013	R2.0	4	8	100
E004-014	R3.0	6	12	100
E004-015	R4.0	8	16	100
E004-016	R5.0	10	20	100
E004-017	R6.0	12	24	100
E004-018	R8.0	16	30	150
E004-019	R10.0	20	30	150

圓鼻2刃立銑刀
2Flutes Corner Radius End Mills



圓鼻4刃立銑刀
4Flutes Corner Radius End Mills

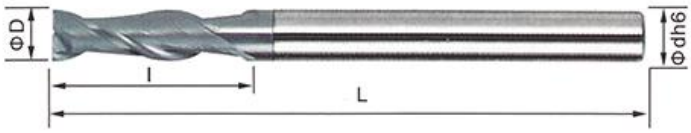


HRC45° 、55° 、63° TOOL

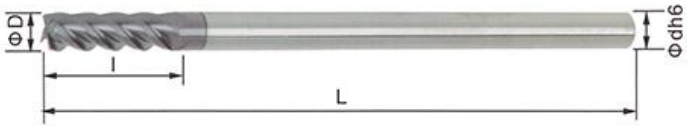
MG ALTIN 2Flute 4Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	R徑 Radius (R)	刃長 Flute Length(l)	全長 Overall Length(L)
E005-001	4.0	4	R0.2	8	50
E005-002	4.0	4	R0.5	8	50
E005-003	4.0	4	R1.0	8	50
E005-004	6.0	6	R0.2	12	50
E005-005	6.0	6	R0.5	12	50
E005-006	6.0	6	R1.0	12	50
E005-007	8.0	8	R0.5	16	60
E005-008	8.0	8	R1.0	16	60
E005-009	8.0	8	R1.5	16	60
E005-010	10.0	10	R0.5	20	75
E005-011	10.0	10	R1.0	20	75
E005-012	10.0	10	R1.5	20	75
E005-013	10.0	10	R2.0	20	75
E005-014	10.0	10	R2.5	20	75
E005-015	10.0	10	R3.0	20	75
E005-016	12.0	12	R0.5	24	75
E005-017	12.0	12	R1.0	24	75
E005-018	12.0	12	R1.5	24	75
E005-019	12.0	12	R2.0	24	75
E005-020	12.0	12	R2.5	24	75
E005-021	12.0	12	R3.0	24	75

長柄圓鼻2刃立銑刀
Long Shank2Flutes Corner Radius End Mills



長柄圓鼻4刃立銑刀
Long Shank4Flutes Corner Radius End Mills

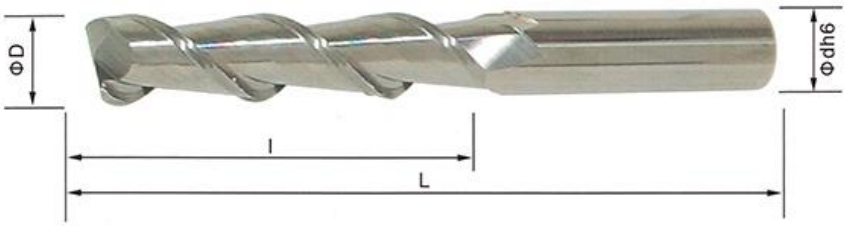


HRC45° 、55° 、63° TOOL

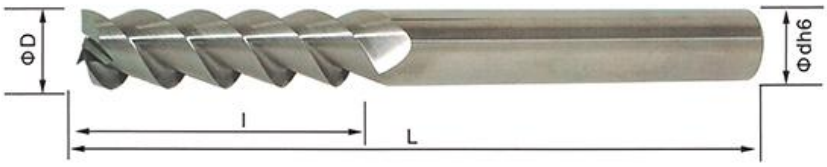
MG ALTIN 2Flute 4Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	R徑 Radius (R)	刃長 Flute Length(l)	全長 Overall Length(L)
E006-001	4.0	4	R0.2	8	75
E006-002	4.0	4	R1.5	8	75
E006-003	4.0	4	R1.0	8	75
E006-004	6.0	6	R0.2	12	75
E006-005	6.0	6	R0.5	12	75
E006-006	6.0	6	R1.0	12	75
E006-007	6.0	6	R1.5	12	75
E006-008	8.0	8	R0.5	16	100
E006-009	8.0	8	R1.0	16	100
E006-010	8.0	8	R1.5	16	100
E006-011	8.0	8	R2.0	16	100
E006-012	10.0	10	R0.5	20	100
E006-013	10.0	10	R1.0	20	100
E006-014	10.0	10	R1.5	20	100
E006-015	10.0	10	R2.0	20	100
E006-016	10.0	10	R2.5	20	100
E006-017	10.0	10	R3.0	20	100
E006-018	12.0	12	R0.5	24	100
E006-019	12.0	12	R1.0	24	100
E006-020	12.0	12	R1.5	24	100
E006-021	12.0	12	R2.0	24	100
E006-022	12.0	12	R2.5	24	100
E006-023	12.0	12	R3.0	24	100

鋁合金專用 2刃立銑刀
For Aluminum Alloy Processing 2Flutes Square End Mills



鋁合金專用 3刃立銑刀
For Aluminum Alloy Processing 3Flutes Square End Mills

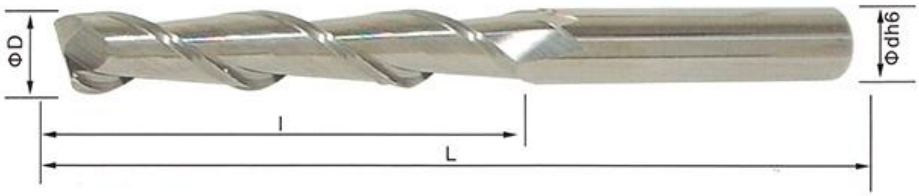


HRC45° 、55° TOOL

MG ALTIN 2Flute 3Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E007-001	1.0	4	3	50
E007-002	1.5	4	4.5	50
E007-003	2.0	4	6	50
E007-004	2.5	4	7	50
E007-005	3.0	4	8	50
E007-006	4.0	4	11	50
E007-007	5.0	6	13	50
E007-008	6.0	6	15	50
E007-009	7.0	8	18	60
E007-010	8.0	8	20	60
E007-011	9.0	10	23	75
E007-012	10.0	10	25	75
E007-013	11.0	12	28	75
E007-014	12.0	12	30	75
E007-015	16.0	16	40	100
E007-016	20.0	20	40	100

鋁合金專用2刃長刃立銑刀
For Aluminum Alloy Processing Long 2Flutes Square End Mills



鋁合金專用3刃長刃立銑刀
For Aluminum Alloy Processing Long 3Flutes Square End Mills

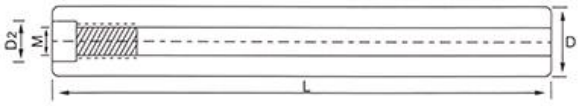
HRC45° 、55° TOOL

MG ALTIN 2Flute 3Flute

編 號 Serial number	刃徑 Outside Diameter(D)	柄徑 Shank Diameter(d)	刃長 Flute Length(l)	全長 Overall Length(L)
E008-001	3.0	6	12	75
E008-002	4.0	6	16	75
E008-003	5.0	6	20	75
E008-004	6.0	6	25	75
E008-005	8.0	8	30	75
E008-006	3.0	6	15	100
E008-007	4.0	6	20	100
E008-008	5.0	6	25	100
E008-009	6.0	6	30	100
E008-010	8.0	8	35	100
E008-011	10.0	10	40	100
E008-012	12.0	12	45	100
E008-013	8.0	8	40	150
E008-014	12.0	10	50	150
E008-015	12.0	12	50	150
E008-016	16.0	16	70	150
E008-017	20.0	20	80	150

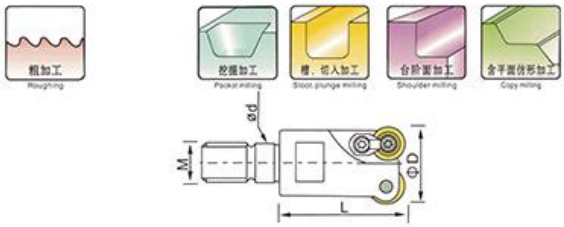
Boring Bar/Face Mill

Tungsten Boring Bars MFT



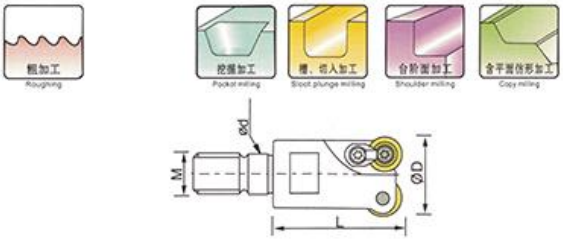
編號 Serial number	型號 Cat.No		L	M	D2	D
B001-001	MFT16	-16-100-M08	100	M8×1.25	8.5	16
B001-002		-16-150-M08	150			
B001-003		-16-200-M08	200			
B001-004		-16-250-M08	250			
B001-005	MFT19	-19-200-M10	200	M10×1.5	10.5	19
B001-006	MFT20	-20-100-M10	100			20
B001-007		-20-150-M10	150			
B001-008		-20-200-M10	200			
B001-009		-20-250-M10	250			
B001-010		-20-300-M10	300			
B001-011	MFT24	-24-200-M12	200	M12×1.75	12.5	24
B001-012	MFT25	-25-100-M12	100			25
B001-013		-25-150-M12	150			
B001-014		-25-200-M12	200			
B001-015		-25-250-M12	250			
B001-016		-25-300-M12	300			
B001-017	MFT29	-29-250-M16	250	M16×2.0	17	29
B001-018	MFT32	-32-150-M16	150			32
B001-019		-32-200-M16	200			
B001-020		-32-250-M16	250			
B001-021		-32-300-M16	300			
B001-022		-32-400-M16	400			

Round Dowel End Mill Arbor EMRM-R



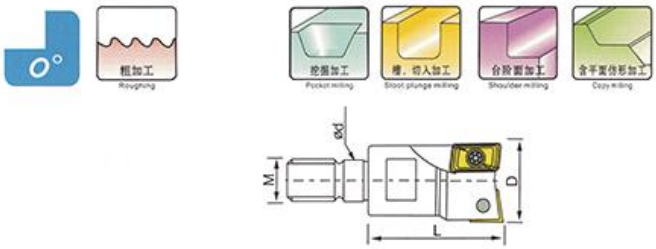
編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	壓板 clamp piece	螺釘 clamp screw	扳手 wrench
B002-001	EMRM	-4R-16-M8	16	35	8.5	M8	2	RPMT0802MO	Y-4R	M3x7	T10
B002-002		-4R-20-M10	20		10.5	M10					
B002-003		-5R-25-M12	25	40	12.5	M12		RPMT1003MO	Y-5R	M4x10/M3.5x10	T15
B002-004		-5R-30-M16	30		17	M16					
B002-005		-5R-35-M16	35								
B002-006		-6R-30-M16	30					RPMT1204MO	Y-6R	M4x10	
B002-007		-6R-35-M16	35				3				

Round Dowel End Mill Arbor TRSM-R



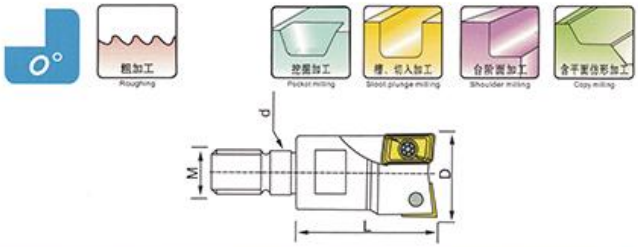
編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	壓板 Insert	螺釘 clamp screw	扳手 wrench
B003-001	TRSM	-4R-16-M8	16	35	8.5	M8	2	RPMT0802MO	Y-4R	M3x7	T8
B003-002		-4R-20-M10	20		10.5	M10					
B003-003		-5R-25-M12	25	40	12.5	M12		RPMT10T3MO	Y-5R	M3.5x10/M4x9	T15
B003-004		-5R-30-M16	30		17	M16					
B003-005		-5R-35-M16	35				3				

Indexable Right Angle Shoulder End Mill BAPM



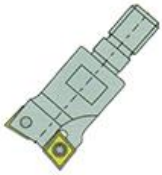
編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	壓板 Insert	螺釘 clamp screw	扳手 wrench
B004-001	BAPM	-16-M8-11	16	35	8.5	M8	2	APMT1135PDER	—	M2.5X6.5	T8
B004-002		-20-M10-11	20		10.5	M10					
B004-003		-25-M12-11	25	40	12.5	M12	3				
B004-004		-25-M12-16					2	APMT1604PDER		M4×9	T15
B004-005		-30-M16-16	30		17	M16					
B004-006		-35-M16-16	35				3				

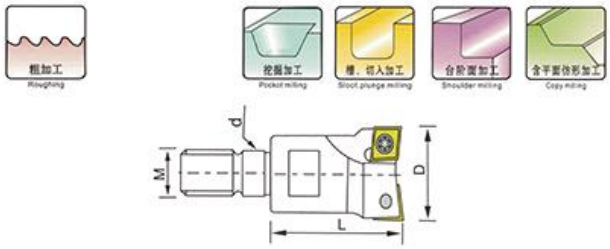
Indexable Right Angle Shoulder End Mill AHUM



編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	螺釘 clamp screw	扳手 wrench
B005-001	AHUM	-16-M8-11	16	35	8.5	M8	2	JDMT100308	M2.5X6	T8
B005-002		-20-M10-11	20		10.5	M10				
B005-003		-25-M12-11	25	40	12.5	M12	3			
B005-004		-25-M12-16	25				2	JDMT150408	M4X9	T15
B005-005		-30-M16-16	30		17	M16				
B005-006		-35-M16-16	35				3			

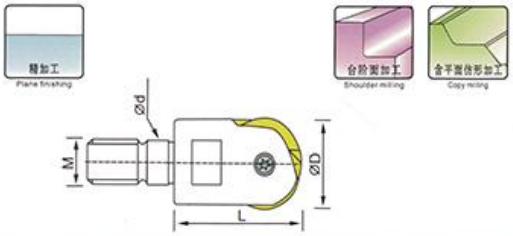
Drilling Milling Cutter TJUM





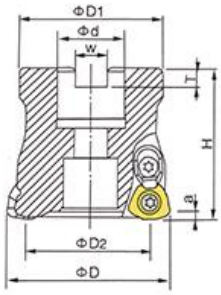
編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	螺釘 clamp screw	扳手 wrench
B006-001	TJUM	-16-2T-M8	16	35	8.5	M8	2	CCMT060204 CPMT080204Z	M2.5x6	T8
B006-002		-20-2T-M10	20	35	10.5	M10		CCMT060204 CPMT090204Z	M2.5x6/M3.5x8	T8/T15
B006-003		-25-2T-M12	25	40	12.5	M12		CCMT090308 CPMT120308Z	M4x9	T15
B006-004		-32-2T-M16	32	40	17	M16		CCMT120408 CPMT160408Z	M5x12	T20

indexable ball mose end mill T2139M



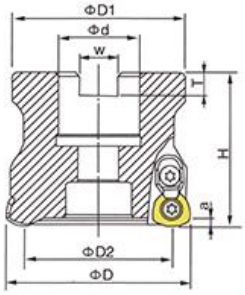
編號 Serial number	型號 Cat.No		尺寸 Size D	L	d	M	Teeth	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B007-001	T2139M	-6R-M6	12	35	6.5	M6	1	P 320□-D 12	T2139-6R	T20
B007-002		-8R-M8	16		8.5	M8		P 320□-D 16	T2139-8R	
B007-003		-10R-M10	20		10.5	M10		P 320□-D 20	T2139-10R	
B007-004		-12.5R-M12	25	40	12.5	M12		P 320□-D 25	T2139-12.5R	T30
B007-005		-15R-M16	30		17	M16		P 320□-D 30	T2139-15R	
B007-006		-16R-M16	32					P 320□-D 32	T2139-16R	

Hi-Feed Face Mill AJX



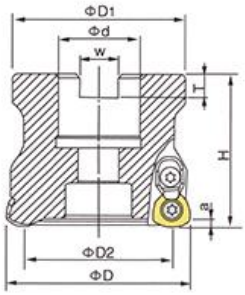
編號 Serial number	型號 Cat.No	D	D1	D2	d	H	W	T	a
B008-001	AJX12-50-22-3T	50	47	38.3	22	50	10.4	6.3	1.5
B008-002	AJX12-50-22-4T	50	47	38.3	22	50	10.4	6.3	1.5
B008-003	AJX12-63-22-4T	63	60	51.3	22	50	10.4	6.3	1.5
B008-004	AJX12-63-22-3T	63	60	51.1	22	50	10.4	6.3	2
B008-005	AJX12-63-22-4T	63	60	51.1	22	50	10.4	6.3	2
B008-006	AJX12-80-22-4T	80	76	68.1	27	50	10.4	7	2
B008-007	AJX12-100-22-5T	100	96	88.1	32	50	10.4	8	2

Hi-Feedrate Face Mill TXP



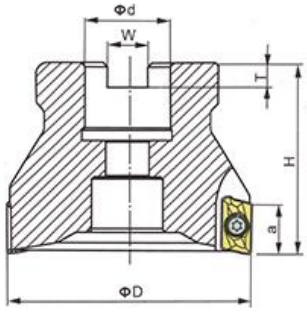
編號 Serial number	型號 Cat.No	D	D1	D2	d	H	W	T	a
B009-001	TXP06-50-22-4T	50	47	41.4	22	50	10.4	6.3	1.5
B009-002	TXP06-50-22-3T	50	47	38.6	22	50	10.4	6.3	1.5
B009-003	TXP06-63-22-4T	63	59	51.6	22	50	10.4	6.3	1.5
B009-004	TXP06-80-27-4T	80	70	68.6	27	50	12.4	7	1.5
B009-005	TXP06-100-32-6T	100	90	88.6	32	50	14.4	8	1.5

Hi-Feedrate Face Mill SKS



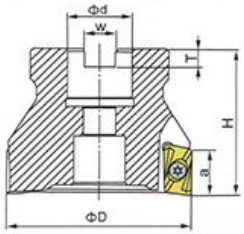
編號 Serial number	型號 Cat.No	D	D1	d	H	W	T
B010-001	SKS80-50-22-4T	50	47	22	50	10.4	6.3
B010-002	SKS80-63-22-4T	63	60	22	50	10.4	6.3
B010-003	SKS80-66-27-4T	66	60	27	50	12.4	7
B010-004	SKS80-80-27-5T	80	70	27	55	12.4	7
B010-005	SKS80-100-32-6T	100	90	32	55	14.4	8

Right Angle Shoulder Face Mill AHUB



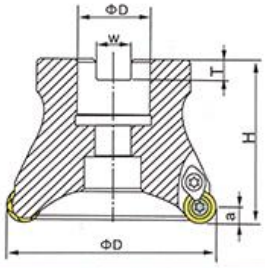
編號 Serial number	型號 Cat.No	D	d	H	W	T	a
B011-001	AHUB-50-22-4T	50	22	50	10.4	6.3	16
B011-002	AHUB-63-22-4T	63	22	50	10.4	6.3	16
B011-003	AHUB-80-27-6T	80	27	50	12.4	7	16
B011-004	AHUB-100-32-6T	100	32	50	14.4	8	16

Right Angle Shoulder Face Mill BAP



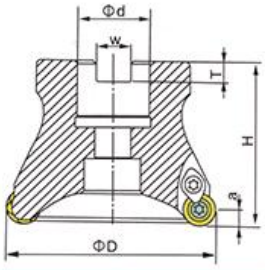
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B012-001	BAP300R	-40-16-5T	40	16	40	8.4	APMT 1135 PDER	M2.5×6	T8
B012-002		-50-22-6T	50	22	50	10.4			
B012-003	BAP400R	-50-22-4T	50				APMT 1604 PDER APKT 1604 PDSR	M4×10	T15
B012-004		-63-22-4T	63						
B012-005		-80-27-6T	80	27		12.4			
B012-006		-100-32-6T	100	32		14.4			
B012-007		-125-40-7T	125	40	63	16.4			
B012-008		-160-40-8T	160						
B012-009		-200-47.625-9T	200	47.625		25.7			
B012-010		-63-25.4-4T	63	25.4	50	10			
B012-011		-80-25.4-6T	80						
B012-012		-100-31.75-6T	100	31.75		13			
B012-013		-125-38.1-8T	125	38.1	63	16.2			
B012-014		-160-50.8-9	160	50.8		19.3			

Rounded Face Mill EMR



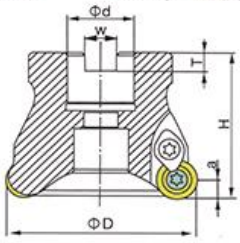
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	螺釘 Clamp screw	螺釘 Clamp screw	扳手 wrench
B013-001	EMR-5R	-50-22-4T	50	22	50	10.4	RPMW 1003 MO RPMT 10T3 MOE	Y-5R	M4×10 M3.5×10	T15
B013-002		-63-22-4T	63							
B013-003		-80-27-6T	80	27		12.4				
B013-004		-100-32-6T	100	32		14.4				
B013-005		-125-40-7T	125	40	63	16.4				
B013-006		-160-40-8T	160							
B013-007		-63-25.4-4T	63	25.4	50	10				
B013-008		-80-25.4-6T	80							
B013-009		-100-31.75-6T	100	31.75		13				

Rounded Face Mill EMRW



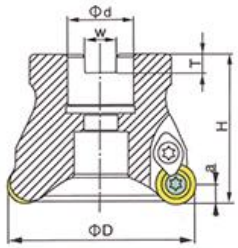
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	壓板 Clamp piece	螺釘 clamp screw	扳手 wrench
B014-001	EMRW-6R	-50-22-4T	50	22	50	10.4	RPMW/T 1204 MO	Y-6R	M4×10	T15
B014-002		-63-22-4T	63							
B014-003		-80-27-6T	80	27		12.4				
B014-004		-100-32-6T	100	32		14.4				
B014-005		-125-40-7T	125	40	63	16.4				
B014-006		-160-40-8T	60							
B014-007		-200-47.625-9T	200	47.625		25.4				
B014-008		-63-25.4-4T	63	25.4	50	10				
B014-009		-80-25.4-6T	80							
B014-010		-100-31.75-6T	100	31.75		13				

Rounded Face Mill R200



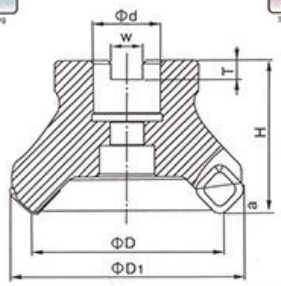
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	壓板 Clamp piece	螺釘 clamp screw	扳手 wrench
B015-001	R200-5R	-50-22-4T	50	22	50	10.4	RC□T 10T3 MO	Y-5R	M3.5×8.5 M3.5×10	T15
B015-002		-63-22-4T	63							
B015-003		-80-27-6T	80	27		12.4				
B015-004		-100-32-6T	100	32		14.4				
B015-005	R200-6R	-50-22-4T	50	22		10.4	RC□T 1204 MO	Y-6R	M4×10	
B015-006		-63-22-4T	63							
B015-007		-80-27-6T	80	27		12.4				
B015-008		-100-32-6T	100	32		14.4				
B015-009	R200-8R	-63-22-4T	63	22		10.4	RC□T 1606 MO	Y-8R	M5×12	T20
B015-010		-80-27-6T	80	27		12.4				
B015-011		-100-32-6T	100	32		14.4				
B015-012		-125-40-6T	125	40	63	16.4				
B015-013		-160-40-8T	160							
B015-014		-200-47.625-9T	200	47.625		25.7				
B015-015	R200-10R	-100-32-5T	100	32		14.4	RC□T 2006 MO		M5×12/M6×18	T20/T30
B015-016		-125-40-6T	125	40		16.4				

Rounded Face Milli TRS



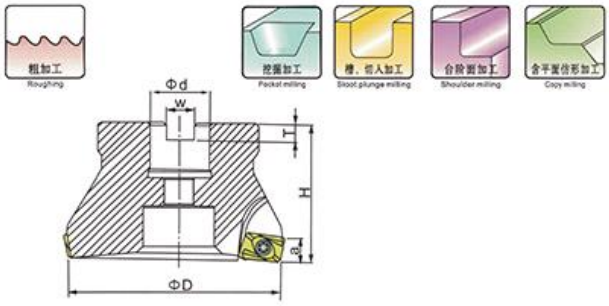
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	壓板 Clamp piece	螺釘 clamp screw	扳手 wrench
B016-001	TRS-5R	-50-22-4T	50	22	50	10.4	RD□□ 10T3 MO	Y-5R	M4×9 M3.5×10	T15
B016-002		-63-22-4T	63							
B016-003		-80-27-6T	80	27		12.4				
B016-004		-100-32-6T	100	32		14.4				
B016-005	TRS-6R	-50-22-4T	50	22		10.4	RD□□ 1204 MO	Y-6R	M4×10	
B016-006		-63-22-4T	63							
B016-007		-80-27-6T	80	27		12.4				
B016-008		-100-32-6T	100	32		14.4				
B016-009	TRS-8R	-63-22-4T	63	22		10.4	RD□□ 1604 MO	Y-8R	M5×11.5	T20
B016-010		-80-27-5T	80	27		12.4				
B016-011		-100-32-6T	100	32		14.4				

Face Milling Cutter KM-45°



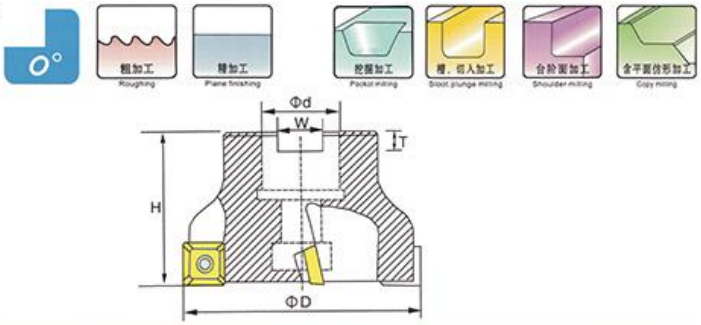
編號 Serial number	型號 Cat.No		尺寸 Size D	D_1	d	H	W	刀片 Insert	螺釘 clamp screw	扳手 wrench
B017-001	KM12	-50-22-4T	50	64	22	50	10.4	SEHT 1204 SEHW 1204	M5×11	T20
B017-002		-63-22-4T	63	77						
B017-003		-80-27-5T	80	94	27		12.4			
B017-004		-100-32-5T	100	114	32		14.4			
B017-005		-125-40-6T	125	139	40	60	16.4			
B017-006		-160-40-6T	160	174						
B017-007		-200-47.625-8T	200	210	47.625		25.7			
B017-008		-250-47.625-10T	250	260						
B017-009		-63-25.4-4T	63	77	25.4	50	10			
B017-010		-80-25.4-5T	80	94						
B017-011		-100-31.75-5T	100	114	31.75		13			

Face Milling Cutter RAP-75°



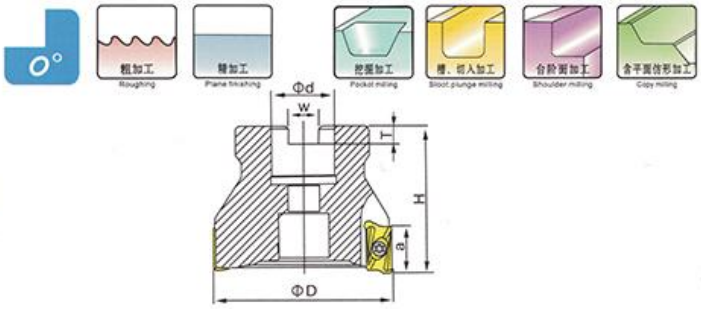
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	M	刀片 Insert	螺釘 clamp screw	扳手 wrench
B018-001	RAP400R	-63-22-4T	63	22	50	10.4	APGT 1604 APMT 1604 PDER APKT 1604	M4×10	T15
B018-002		-80-27-5T	80	27		12.4			
B018-003		-100-32-6T	100	32		14.4			

Face Milling Cutter FM90°



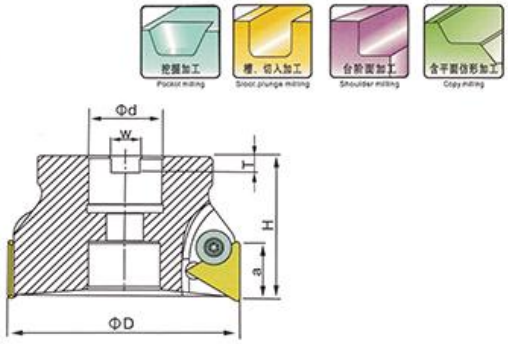
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	螺釘 clamp screw	扳手 wrench
B019-001	SFM09	-50-22-4T	50	22	50	10.4	SCMT09T308	M3×7	T8
B019-002		-63-22-5T	63						
B019-003		-80-27-6T	80	27		12.4			
B019-004		-100-32-8T	100	32		14.4			

Right Angle Shoulder Face Mill R390



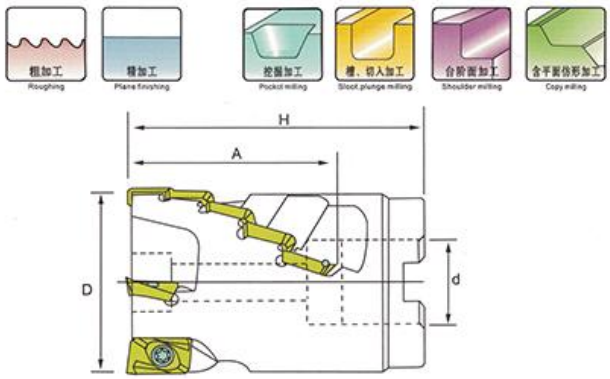
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	螺釘 clamp screw	扳手 wrench
B020-001	R390-11	-50-22-4T	50	22	50	10.4	R390-11T308	M2.5×6	T8
B020-002		-63-22-4T	63						
B020-003	R390-17	-63-22-4T					R390-170408	M3.5×10	T15
B020-004		-80-27-6T	80	27		12.4			
B020-005		-100-32-6T	100	32		14.4			
B020-006		-125-40-6T	125	40	63	16.4			
B020-007		-160-40-8T	160						

Right Angle Shoulder Face Mill TP



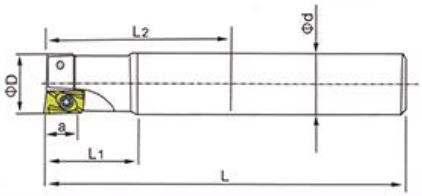
編號 Serial number	型號 Cat.No		尺寸 Size D	d	H	W	刀片 Insert	壓板 Clamp piece	螺釘 clamp screw	扳手 wrench
B021-001	TP11	-40-16-4T	40	16	45	8.4	TP□N 10T3	TP-11	3/16拿型	L3
B021-002		-50-22-4T	50	22	50	10.4				
B021-003	TP16	-50-22-4T					TP□N 1603	TP-16	1/4拿型	L4
B021-004	TP22	-63-22-3T	63				TPKN2204 TPMN20408	TP-22	5/16拿型	L5
B021-005		-80-27-4T	80	27		12.4				
B021-006		-100-32-5T	100	32		14.4				
B021-007		-125-40-6T	125	40	63	16.4				
B021-008		-160-40-7T	160							
B021-009		-200-60-8T	200	60		25.7				
B021-010		-63-25.4-3T	63	25.4	50	10				
B021-011		-60-25.4-4T	60							
B021-012		-100-31.75-5T	100	31.75		13				
B021-013		-125-38.1-6T	125	38.1	60	16.2				
B021-014		-160-38.1-7T	160		63					
B021-015		-200-47.625-8T	200	47.625		25.4				

Tubular Coarse-textured Gear Face Mill APC



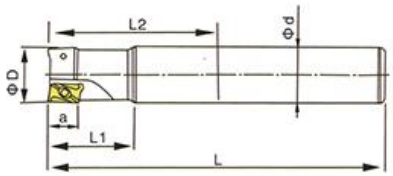
編號 Serial number	型號 Cat.No		尺寸 Size D	d	A	H	刀片 Insert	刀片數 T	螺釘 clamp screw	扳手 wrench
B022-001	APC	-50-22-45L	50	22	45	64	APKT1604	9	M4	T15
B022-002		-63-25.4-45L	63	25.4	45	64		12		
B022-003		-63-25.4-68L	63	25.4	68	90		20		

Right Angle Shoulder End Mill BAP



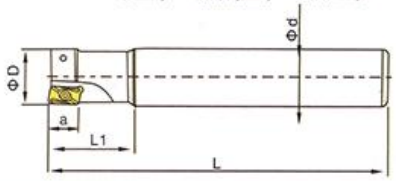
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	刃數 NO.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B023-001	BAP300R	-10×130-C10	10	10	130	30	1	APMT 1135 PDER	M2.5×6	T8
B023-002		-11×130-C10	11							
B023-003		-12×130-C12	12	12						
B023-004		-13×130-C12	13							
B023-005		-16×130-C16	16	16		40	2			
B023-006		-16×160-C16			160					
B023-007		-16×200-C16			200					
B023-008		-16×160-C15		15	160					
B023-009		-17×160-C16	17	16						
B023-010		-17×200-C16			200					
B023-011		-20×130-C16	20		130					
B023-012		-20×160-C20		20	160					
B023-013		-20×160-C19		19						
B023-014		-20×200-C19			200	50				
B023-015		-20×200-C20		20						
B023-016		-21×160-C20	21	20	160					
B023-017		-21×200-C20			200					
B023-018		-25×120-C25		25	120		3			
B023-019		-25×160-C25			160					
B023-020		-25×200-C25			200					
B023-021	BAP400R	-25×160-C25	25		160	40	2			
B023-022		-25×160-C24		24						
B023-023		-25×200-C25		25	200	75				
B023-024		-25×200-C24		24		50				
B023-025		-25×250-C25		25	250					
B023-026		-26×160-C25	26	25	160	40		APMT 1604 PDER APKT 1604 PDSR	M4×9	T15
B023-027		-26×200-C25			200	50				
B023-028		-26×250-C25			250					
B023-029		-32×160-C32	32	32	160					
B023-030		-32×200-C32			200	80				
B023-031		-32×250-C32			250	60				
B023-032		-32×300-C32			300					
B023-033		-35×160-C32	35		160		3			
B023-034		-35×200-C32			200					
B023-035		-35×250-C32			250					
B023-036		-35×300-C32			300					
B023-037		-35×350-C32			350					
B023-038		-35×400-C32			400					
B023-039		-40×200-C32	40		200					
B023-040		-40×250-C32			250					
B023-041		-40×300-C32			300					
B023-042		-40×350-C32			350					
B023-043		-40×400-C32			400					

Right Angle Shoulder End Mill AHU



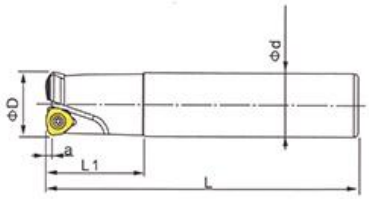
編號 Serial number	型號 Cat.No	尺寸 Size D	d	L	L1	刃數 NO.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B024-001	AHU10-16 X 160	16	16	160	40	2	JDMT1003	M2.5X6	T8
B024-002	AHU10-16 X 200	16	16	200	40				
B024-003	AHU10-17 X 160-C16	17	16	160	40				
B024-004	AHU10-17 X 200-C16	17	16	200	40				
B024-005	AHU10-20 X 160	20	20	160	50				
B024-006	AHU10-20 X 200	20	20	200	50				
B024-007	AHU10-21 X 160-C20	21	20	160	40				
B024-008	AHU10-21 X 200-C20	21	20	200	50				
B024-009	AHU15-25 X 160	25	25	160	50		JDMT1505	M4X9	T15
B024-010	AHU15-25 X 200	25	25	200	75				
B024-011	AHU15-26 X 160	26	25	160	50				
B024-012	AHU15-26 X 200	26	25	200	75				

Right Angle Shoulder End Mill T217.69



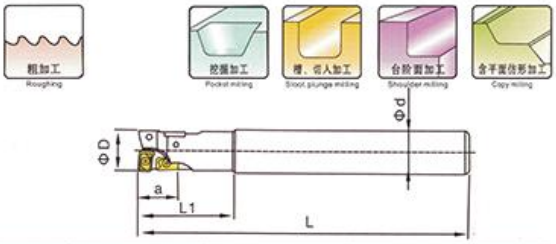
編號 Serial number	型號 Cat.No	尺寸 Size D	d	L	L1	刃數 NO.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B025-001	T217.69-8x100-C8-1T	8	8	100	25	2	XOMX060208 XOMX090308 XOMX120408	M1.8X4 M2.5X5.5 M3.5X8	T6 T8 T15
B025-002	T217.69-10x130-C10-2T	10	10	130	30				
B025-003	T217.69-11x130-C10-2T	11	10	130	--				
B025-004	T217.69-12x130-C12-2T	12	12	130	30				
B025-005	T217.69-13x130-C12-2T	13	12	130	--				
B025-006	T217.69-16x160-C16-2T	16	16	160	40				
B025-007	T217.69-17x160-C16-2T	17	16	160	--				
B025-008	T217.69-20x160-C20-2T	20	20	160	40				
B025-009	T217.69-21x160-C20-2T	21	20	160	--				
B025-010	T217.69-25x160-C25-2T	25	25	160	50				
B025-011	T217.69-25x200-C25-2T	25	25	200	60				
B025-012	T217.69-26x160-C25-2T	26	25	160	--				
B025-013	T217.69-26x200-C25-2T	26	25	200	--				

Hi-Feedrate AJX



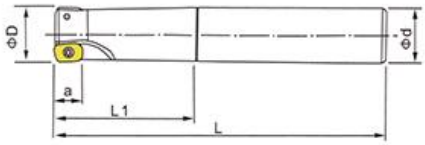
編號 Serial number	型號 Cat.No	尺寸 Size D	d	L	L1	刃數 NO.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B026-001	AJX06-17 x 160-C16	17	16	160	--	2	JOMW06T215 JOMW08320 JDMW09T320 JDMT120420	M2.5X6 M3X7 M4X10	T8 T10 T15
B026-002	AJX06-21 x 160-C20	21	20	160	--				
B026-003	AJX06-26 x 200-C32	26	25	200	--				
B026-004	AJX06-33 x 160-C32	33	32	160	--				
B026-005	AJX06-33 x 200-C32	33	32	200	--				
B026-006	AJX06-33 x 250-C32	33	32	250	--				

Drilling Milling Cutter ASJ-4P



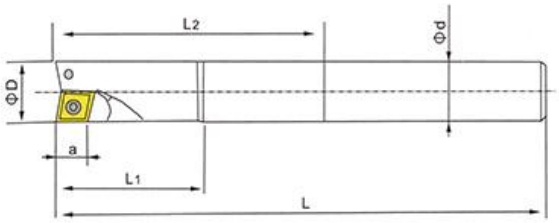
編號 Serial number	型號 Cat.No	尺寸 Size D	d	L	L1	刃數 NO.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B027-001	ASJ-17 x 160-C16-4T	17	16	160	40	4	ADMT080308L ADMT1003 ADMT12T3 ATMT1604 APMT090208 ACMT1003 APMT12T3 APMT1504	M2.5X6 M2X5 M3X7.5 M4X9	T6 T8 T10 T15
B027-002	ASJ-20 x 160-C20-4T	20	20	160	40				
B027-003	ASJ-20 x 200-C20-4T	20	20	200	40				
B027-004	ASJ-21 x 160-C20-4T	21	20	160	35				
B027-005	ASJ-21 x 200-C20-4T	21	20	200	35				
B027-006	ASJ-25 x 160-C25-4T	25	25	160	50				
B027-007	ASJ-25 x 200-C25-4T	25	25	200	75				
B027-008	ASJ-25 x 250-C25-4T	25	25	250	75				
B027-009	ASJ-26 x 160-C25-4T	26	25	160	50				
B027-010	ASJ-26 x 200-C25-4T	26	25	200	50				
B027-011	ASJ-26 x 250-C25-4T	26	25	250	50				
B027-012	ASJ-30 x 160-C25-4T	30	25	160	80				
B027-013	ASJ-30 x 220-C25-4T	30	25	200	80				
B027-014	ASJ-30 x 250-C25-4T	30	25	250	80				
B027-015	ASJ-33 x 160-C32-4T	33	32	160	80				
B027-016	ASJ-33 x 200-C32-4T	33	32	200	90				
B027-017	ASJ-33 x 250-C32-4T	33	32	250	120				
B027-018	ASJ-35 x 160-C32-4T	35	32	160	80				
B027-019	ASJ-35 x 200-C32-4T	35	32	200	90				
B027-020	ASJ-35 x 250-C32-4T	35	32	250	120				
B027-021	ASJ-35 x 300-C32-4T	35	32	300	120				
B027-022	ASJ-35 x 350-C32-4T	35	32	350	120				
B027-023	ASJ-35 x 400-C32-4T	35	32	400	120				

Hi-Feedrate End Mill ASR



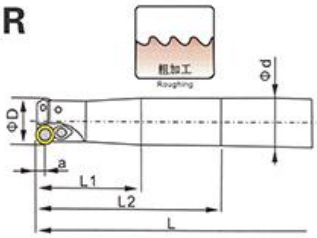
編號 Serial number	型號 Cat.No	尺寸 Size D	d	L	L1	刃數 N0.Of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B028-001	ASR2016 x 160-C16-2T	16	16	160	50	2	EPMT0603 EPNW0103	M2.5X6	T8
B028-002	ASR2017 x 160-C16-2T	17	16	160	—				
B028-003	ASR2020 x 160-C16-2T	20	20	160	50				
B028-004	ASR2021 x 160-C16-2T	21	20	160	50				
B028-005	ASR2025 x 160-C16-3T	25	25	160		3			
B028-006	ASR2025 x 200-C16-3T	25	25	200	50				
B028-007	ASR2026 x 200-C16-3T	26	25	200	—				
B028-008	ASR2032 x 160-C16-4T	32	32	160	75	4			
B028-009	ASR2033 x 160-C16-4T	33	32	160	—				
B028-010	ASR2033 x 200-C16-4T	33	32	200	—				

Drilling Milling Cutter TJU



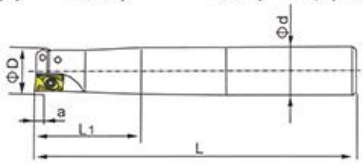
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	L2	a	刃數 No.of flutes	刀片 Insert	螺釘 Clamp screw	扳手 wrench
B029-001	TJU	-8x100	8	8	100	30	--	6	1	CCMT 060204 CPMT 080204Z	M2.5x6	T8
B029-002		-10x130	10	10	130							
B029-003		-12x130	12	12								
B029-004		-16x130	16	16					2	CCMT 060204 CPMT 090204Z	M2.5x6 M3.5X8	T8 T15
B029-005		-16x160			160	40	100					
B029-006		-16x200			200							
B029-007		-17x160-C16	17		160							
B029-008		-17x200-C16			200							
B029-009		-20x160	20	20	160		--					
B029-010		-20x200			200	50	100					
B029-011		-21x160-C20	21		160	40						
B029-012		-25x160	25	25		50	--	9		CPMT 090308 CPMT 120308Z	M4X9	T15
B029-013		-25x200			200	60						
B029-014		-25x250			250		115					
B029-015		-26x160-C25	26		160		--					
B029-016		-26x200-C25			200		115					
B029-017		-32x160	32	32	160		--	12		CPMT 120408 CPMT 160408Z	M5x12	T20
B029-018		-32x200			200							
B029-019		-32x250			250							
B028-020		-32x300			300		165					

Rounded End Mill EMR



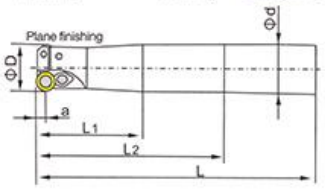
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	刃數 No.of flutes	刀片 Insert	壓板 Insert	螺釘 Insert	扳手 Insert
B030-001	EMR-4R	-4Rx12x130-C12	12	12	130	40	1	RPMT 08T2 RPMW 0802	Y-4R	M3x7	T10
B030-002		-4Rx12x130-C12	13								
B030-003		-4Rx16x130-C16	16	16			2				
B030-004		-4Rx16x160-C16			160						
B030-005		-4Rx16x160-C15		15							
B030-006		-4Rx16x200-C16		16	200						
B030-007		-4Rx16x200-C15		15		50					
B030-008		-4Rx17x160-C16	17	16	160	40					
B030-009		-4Rx17x200-C16			200	50					
B030-010		-4Rx20x160-C20	20	20	160						
B030-011		-4Rx20x160-C19		19							
B030-012		-4Rx20x200-C20		20	200						
B030-013		-4Rx20x200-C19		19							
B030-014	EMR-5R	-5Rx20x160-20		20	160			RPMT 10T3 RPMW1003	Y-5R	M3.5x10 M4x9	T15
B030-015		-5Rx20x200-20			200						
B030-016		-5Rx21x160-C20	21		160						
B030-017		-5Rx21x200-C20			200						
B030-018		-5Rx25x160-C25	25	25	160						
B030-019		-5Rx25x160-C20		20							
B030-020		-5Rx25x160-C24		24							
B030-021		-5Rx25x200-C25		25	200	75					
B030-022		-5Rx25x250-C25			250	60					
B030-023		-5Rx25x200-C20		20	200	50					
B030-024		-5Rx25x200-C24		24							
B030-025		-5Rx25x250-C24			250						
B030-026		-5Rx26x160-C25	26	25	160						
B030-027		-5Rx26x200-C25			200						
B030-028		-5Rx26x250-C25			250						
B030-029		-5Rx30x110-C20	30	20	110	40					
B030-030		-5Rx30x110-C3/4		19.05							
B030-031		-5Rx30x160-C25		25	160	50					
B030-032		-5Rx30x200-C25			200						
B030-033		-5Rx30x250-C25			250	60					
B030-034		-5Rx30x300-C25			300						
B030-035		-5Rx30x300-C32		32							
B030-036		-5Rx35x160-C32	35		160	50	2/3				
B030-037		-5Rx35x200-C32			200						
B030-038		-5Rx35x250-C32			250	60					
B030-039		-5Rx35x300-C32			300		3				
B030-040		-5Rx35x350-C32			350						
B030-041		-5Rx35x400-C32			400						
B030-042		-5Rx40x160-C32	40		160	50	4				
B030-043		-5Rx40x200-C32			250	60					
B030-044		-5Rx40x250-C32									
B030-045		-5Rx40x300-C32			300						
B030-046		-5Rx40x350-C32			350						

Right Angle Shoulder Micro-End Mill R390



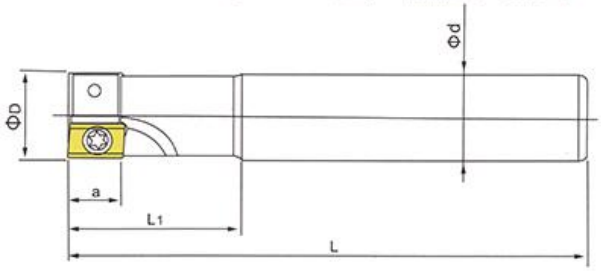
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	刀片 Insert	螺釘 clamp screw	扳手 wrench
B031-001	R390-11	-16×160-C16-2T	16	16	160	40	R390-11T308	M2.5×6	T8
B031-002		-16×200-C16-2T			200	50			
B031-003		-20×160-C20-2T	20	20	160	40			
B031-004		-20×200-C20-2T			200	50			
B031-005		-25×160-C25-2T	25	25	160	40			
B031-006		-25×200-C25-2T			200	50			
B031-007	R390-17	-25×160-C25-2T			160	40	R390-170408	M3.5×8	T15
B031-008		-25×200-C25-2T			200	50			
B031-009		-32×200-C25-2T	32						

Rounded End Mill EMRW



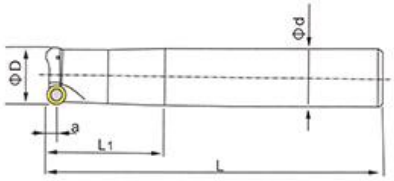
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	刃數 No.of flutes	刀片 Insert	壓板 clamp piece	螺釘 clamp screw	扳手 wrench
B032-001	EMRW	-6Rx32x160-C25	32	25	160	50	2	RPMW\T 1204 MO	Y-6R	M4X10	T15
B032-002		-6Rx32x160-C32		32							
B032-003		-6Rx32x200-C25		25	200						
B032-004		-6Rx32x200-C32		32		80					
B032-005		-6Rx32x250-C25		25	250	120					
B032-006		-6Rx32x250-C32		32		100					
B032-007		-6Rx35x160-C32	35	32	160	50	3				
B032-008		-6Rx35x200-C32			200						
B032-009		-6Rx35x250-C32			250	60					
B032-010		-6Rx35x300-C32			300						
B032-011		-6Rx35x350-C32			350						
B032-012		-6Rx35x400-C32			400						
B032-013		-6Rx40x160-C32	40		160	50					
B032-014		-6Rx40x200-C32			200						
B032-015		-6Rx40x250-C32			250	60					
B032-016		-6Rx40x300-C32			300						
B032-017		-6Rx40x350-C32			350						
B032-018		-6Rx50x200-C32	50		200		4				
B032-019		-6Rx50x250-C32			250						

Indexable Right Angle Shoulder End Mill Milling Holder UEX



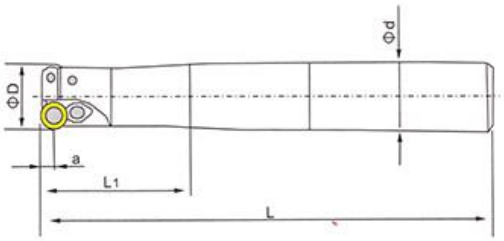
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	L2	a	刀片 Insert	螺釘 clamp screw	扳手 wrench
B033-001	UEX12	-16x160-C16	16	16	160	50	--	12	AP□T1202	M3.5x8	T15
B033-002		-17x160-C16	17			40					
B033-003		-20x160-C20	20	20		50					
B033-004		-20x200-C20			200		100				
B033-005		-21x160-C20	21		160	40	--				
B033-006	UEX16	-25x160-C25	25	25		50		15	AD□T1603	M4X7.5	
B033-007		-25x200-C25			200	75					
B033-008		-26x200-C25	26			50					
B033-009		-26x250-C25	25		250	75					

Rounded End Mill R200



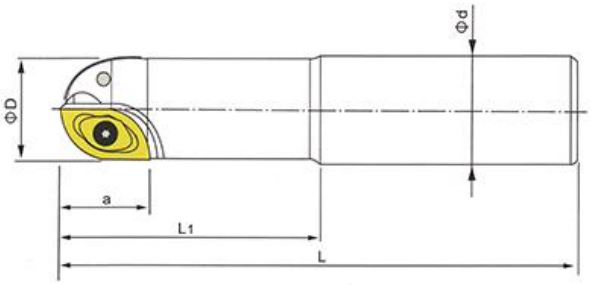
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	刃數 No.of flutes	刀片 Insert	螺釘 clamp screw	扳手 wrench
B034-001	R200-5R	x25x160-C20	25	20	160	2	RC□T 1204 MO	M3.5x8.5	T15
B034-002		x25x160-C24		24					
B034-003		x25x200-C25		25	200				
B034-004		x25x200-C24		24					
B034-005	R200-6R	x32x160-C25	32	25	160		RC□T 10T3 MO	M3.5X10	
B034-006		x32x200-C25			200				
B034-007		x32x250-C25			250				
B034-008		x33x160-C32	33	32	160				
B034-009		x33x200-C32			200				
B034-010		x33x250-C32			250				

Rounded End Mill TRS



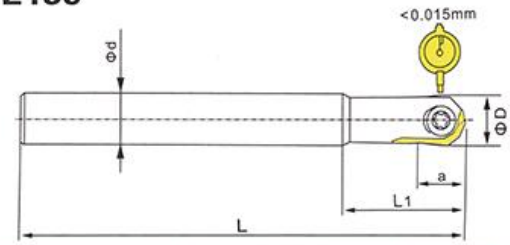
编號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	刃數 No.of flutes	刀片 Insert	壓板 clamp piece	螺釘 clamp screw	扳手 wrench
B035-001	TRS-4R	-4Rx12x130-C12	12	12	130	40	1	RDMT 0802	Y-4R	M3x7	T8
B035-002		-4Rx13x130-C12	13								
B035-003		-4Rx16x160-C16	16	16	160		2				
B035-004		-4Rx16x160-C15		15							
B035-005		-4Rx16x200-C16		16	200						
B035-006		-4Rx16x200-C15		15		50					
B035-007		-4Rx17x160-C16	17	16	160	40					
B035-008		-4Rx17x200-C16			200	50					
B035-009		-4Rx20x160-C20	20	20	160						
B035-010		-4Rx20x160-C19		19							
B035-011		-4Rx20x200-C20		20	200						
B035-012		-4Rx20x200-C19		19							
B035-013		-4Rx21x160-C20	21	20	160						
B035-014		-4Rx21x200-C20			200						
B035-015		-5Rx20x160-C20	20		160						
B035-016	TRS-5R	-5Rx20x200-C20			200			RDMT 10T3	Y-5R	M3.5x10 M4x9	T15
B035-017		-5Rx25x160-C25	25	25	160						
B035-018		-5Rx25x160-C20		20							
B035-019		-5Rx25x160-C24		24							
B035-020		-5Rx25x200-C25		25	200	60					
B035-021		-5Rx25x250-C25			250						
B035-022		-5Rx26x160-C25	26		160	50					
B035-023		-5Rx26x200-C25			200	60					
B035-024		-5Rx30x160-C25	30		160	50					
B035-025		-5Rx30x200-C25	30		200	50					
B035-026		-5Rx30x250-C25			250	60					
B035-027		-5Rx35x160-C32	35	32	160	50	3				
B035-028		-5Rx35x200-C32			200						
B035-029		-5Rx35x250-C32			250	60					
B035-030	TRS-6R	-6Rx32x160-C25	32	25	160	50	2				
B035-031		-6Rx32x200-C25			200			RDMT 1204	OY-6R	M4x10	
B035-032		-6Rx32x250-C25			250	60					
B035-033		-6Rx40x160-C32	40	32	160	50	3				
B035-034		-6Rx40x200-C32			200						
B035-035		-6Rx40x250-C32			250	60					
B035-036		-6Rx40x300-C32			300						

Indexable Ball Mose End Mill BCF/BCFL



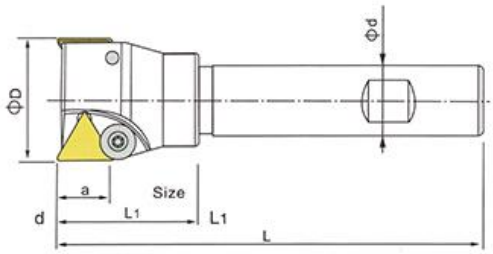
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	a	刃數 No.of flutes	刀片Insert 親刃(1刃)	子刃(1刃)	外周刃(2刃)	螺釘 clamp screw	扳手 wrench
B036-001	10R	x150-C20	20	20	150	70	30	2/4	ZCEW /T100CE	ZCEW /T100SE	CPMT 080204	M3X9.5 M2.5X6	T10 T8
B036-002		x150-C25		25									
B036-003		x200-C25			200	80							
B036-004		x250-C25			250	100							
B036-005		x300-C25		32	300	150							
B036-006	12.5R	x150-C25	25	25	150	70	39		ZCEW /T125CE	ZCEW /T125SE	CPMT 090308	M4X9	T15
B036-007		x200-C25			200	100							
B036-008		x200-C32		32									
B036-009		x250-C32			250	150							
B036-010		x300-C32			300								
B036-011	15R	x160-C32	30		160	70	43		ZCEW /T150CE	ZCEW /T150SE		M5X12 M4X9	T20 T15
B036-012		x200-C32			200	100							
B036-013		x250-C32			250	150							
B036-014		x300-C32			300								
B036-015		x350-C32			350	200							
B036-016	16R	x160-C32	32		160	70			ZCET 160CE	ZCET 160SE		M5X12 M4X9	T20 T15
B036-017		x200-C32			200	100							
B036-018		x250-C32			250	150							
B036-019		x300-C32			300								
B036-020		x350-C32			350	200							
B036-021	20R	x200-C42	40	42	200	100	50		ZCEW 200CE	ZCEW 200SE		M6X18 M4X9	T30 T15
B036-022		x250-C42			250	150							
B036-023		x300-C42			300								
B036-024		x350-C42			350	200							
B036-025		x200-MT5		MT5	200	100							
B036-026		x250-MT5			250	150							
B036-027	25R	x200-C50.8	50	50.8	200	100			ZCEW 250CE	ZCEW 250SE		M6X18 M4X9	T30 T15
B036-028		x250-C50.8			250	150							
B036-029		x300-C50.8			300								
B036-030		x350-C50.8			350	200							
B036-031		x400-C50.8			400								
B036-032		x200-MT5		MT5	200	100							
B036-033		x250-MT5			250	150							

Indexable Ball Mose Micro-End Mill T2139



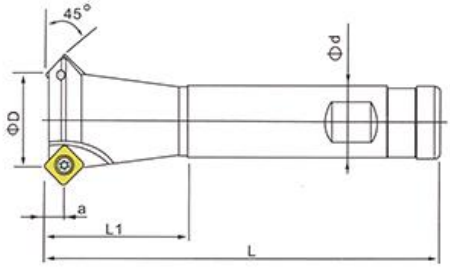
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	a	刀片 Insert	螺釘 clamp screw	扳手 wrench
B037-001	T2139	-4Rx110-C8	8	8	110	25	5	P320□-D 08	T2139-4R	T8
B037-002		-4Rx110-C10		10						
B037-003		-4Rx140-C12		12	140	55				
B037-004		-5Rx130-C10	10	10	130	30	7	P320□-D 10	T2139-5R	T15
B037-005		-5Rx160-C12		12	160					
B037-006		-6Rx130-C12	12		130	32	8	P320□-D 12	T2139-6R	T20
B037-007		-6Rx160-C16		16	160	58.5				
B037-008		-8Rx160-C16	16			65	10	P320□-D 16	T2139-8R	T20
B037-009		-8Rx200-C20		20	200					
B037-010		-10Rx160-C20	20		160	45	12.5	P320□-D 20	T2139-10R	T20
B037-011		-10Rx200-C20			200	76				
B037-012		-10Rx250-C25		25	250	120				
B037-013		-12.5Rx160-C25	25		160	45	15	P320□-D 25	T2139-12.5R	T30
B037-014		-12.5Rx200-C25			200	76				
B037-015		-12.5Rx200-C32		32		98				
B037-016		-12.5Rx250-C32			250	120				
B037-017		-15Rx200-C32	30		200	80	18	P320□-D 30	T2139-15R	T30
B037-018		-15Rx250-C40		40	250	121				
B037-019		-16Rx200-C32	32	32	200	80	19	P320□-D 32	T2139-15R	T30
B037-020		-16Rx250-C40		40	250	121				

Shoulder Micro End Mill TP



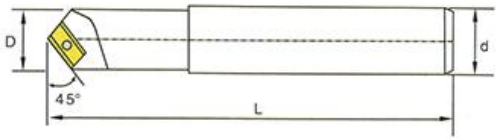
編號 Serial number	型號 Cat.No		尺寸 Size D	d	L	L1	a	刀片 Insert	壓板 Clamp piece	螺絲 Clamp screw	扳手 wrench
B038-001	TP11	-16x100-C16	16	16	100	45	14	TP□N1103	Tp11	3/16傘型	L3
B038-002		-20x100-C20	20	20							
B038-003	TP16	-30x100-C20	30					TP□N1603	Tp16	1/4傘型	L4
B038-004		-35x100-C20	35								
B038-005		-35x110-C32		32	110						
B038-006		-40x110-C20	40	20							
B038-007		-40x110-C25		25							
B038-008		-40x115-C32		32	115						
B038-009		-50x110-C20	50	20	110						
B038-010	TP22	-50x110-C20				42	20	TP□N2204	Tp22	5/16傘型	L5
B038-011		-50x115-C32		32	115						

SD-45 Degree Chamfer End Mill



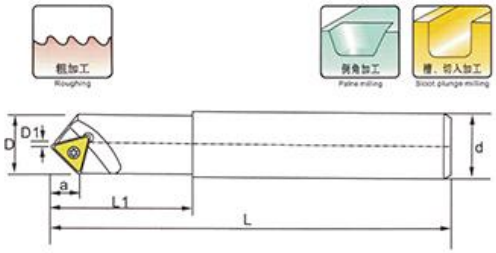
編號 Serial number	型號 Cat.No		刃數 No.of flutes	尺寸 Size D	d	L	L1	a	刀片 Insert	螺釘 clamp screw	扳手 wrench
B039-001	SD-25	x110-C20	2	25	20	110	40	4.6	SDMB26152	M3x7	T10
B039-002		x150-C20				150	45				
B039-003		x110-C3/4			19.05	110	40				
B039-004	SD-30	x110-C20		30	20						
B039-005		x150-C20				150	45				
B039-006		x110-C3/4			19.06	110	40				

45 Degree Chamfer End Mill



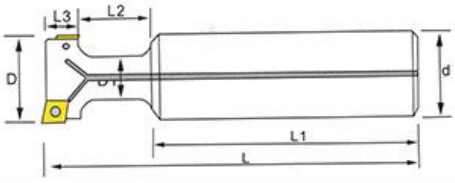
編號 Serial number	型號 Cat.No	刃數 NO.of flutes	倒角范围 Chamfering range	角度 Angle	D	d	L
B040-001	SSK C20-20-130	1	ϕ3~ϕ20	45	20	20	130

45 Degree Chamfer End Mills



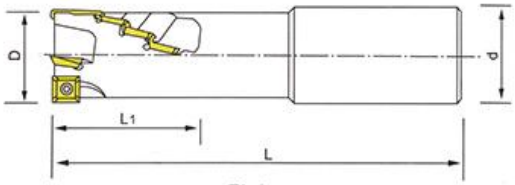
	型號 Cat.No	刃數 NO.of flutes	倒角范围 Chamfering range	角度 Angle	D	d	D1	a	L1	L
B041-001	SSP C20-20-130	1	ϕ0~ϕ20	45	20	20	0	11.3	20	130

Indexable ATS T-Slot End Mill

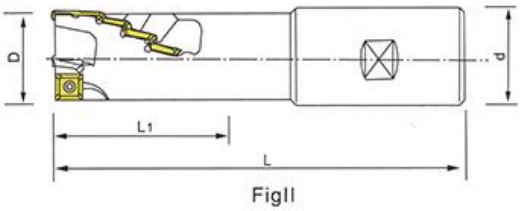


編號 Serial number	型號 Cat.No	刃數 No.of flutes	尺寸 Size D	d	D1	L	L1	L2	L3	刀片 Insert	螺釘 clamp screw	扳手 wrench
B042-001	ATS-25-11	2	25	25	12.5	112	80	21	11	CCMT060204	M2.5x6	T8
B042-002	ATS-32-14	4	32	32	16	120	77	30	14	CCMT080304	M3x7	T10
B042-003	ATS-40-18		40		20	130	80	32	18	CCMT09T308	M4x10	T15
B042-004	ATS-50-22		50		26	140		39	22	CCMT120408	M5x11	T20

Roughing Cut Corn End Mill SPM



FigI



FigII

編號 Serial number	型號 Cat.No		圖示 Figure	刃數 No.of flutes	尺寸 Size D	d	L1	L	刀片Insert	螺釘 Clamp screw	扳手 wrench
B043-001	SPM-40	-150-50L-C32	I	4	40	32	50	150	P27215-3 SDMT090308	M4	T15
B043-002		-170-56L-C42		2		42	56	170		M5	T20
B043-003	SPM-50	-200-77L-C42	II	4	50		77	200	LP0171124 SPM71204		
B043-004		-250-158L-C42					158	250			

National free service hotline：**86-527-86299899**

For more information,web：**http://ssunnytools.com**

Jiangsu SSunny CNC Tools Co.,Ltd

Add: Ningbo Road Machinery Parts Manufacturing Industrial Park Sihong County, Jiangsu Province

Tel : 86-527-86299889

Fax: 86-527-86529699

Email ssunnytools.anne@gmail.com

Web: http://ssunnytools.com