



 car  Aviation  Ships  Mechanical  electronic



2025

Live Tools for CNC Lathes/
Tools for CNC Lathes

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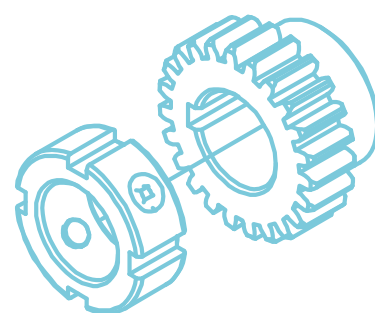
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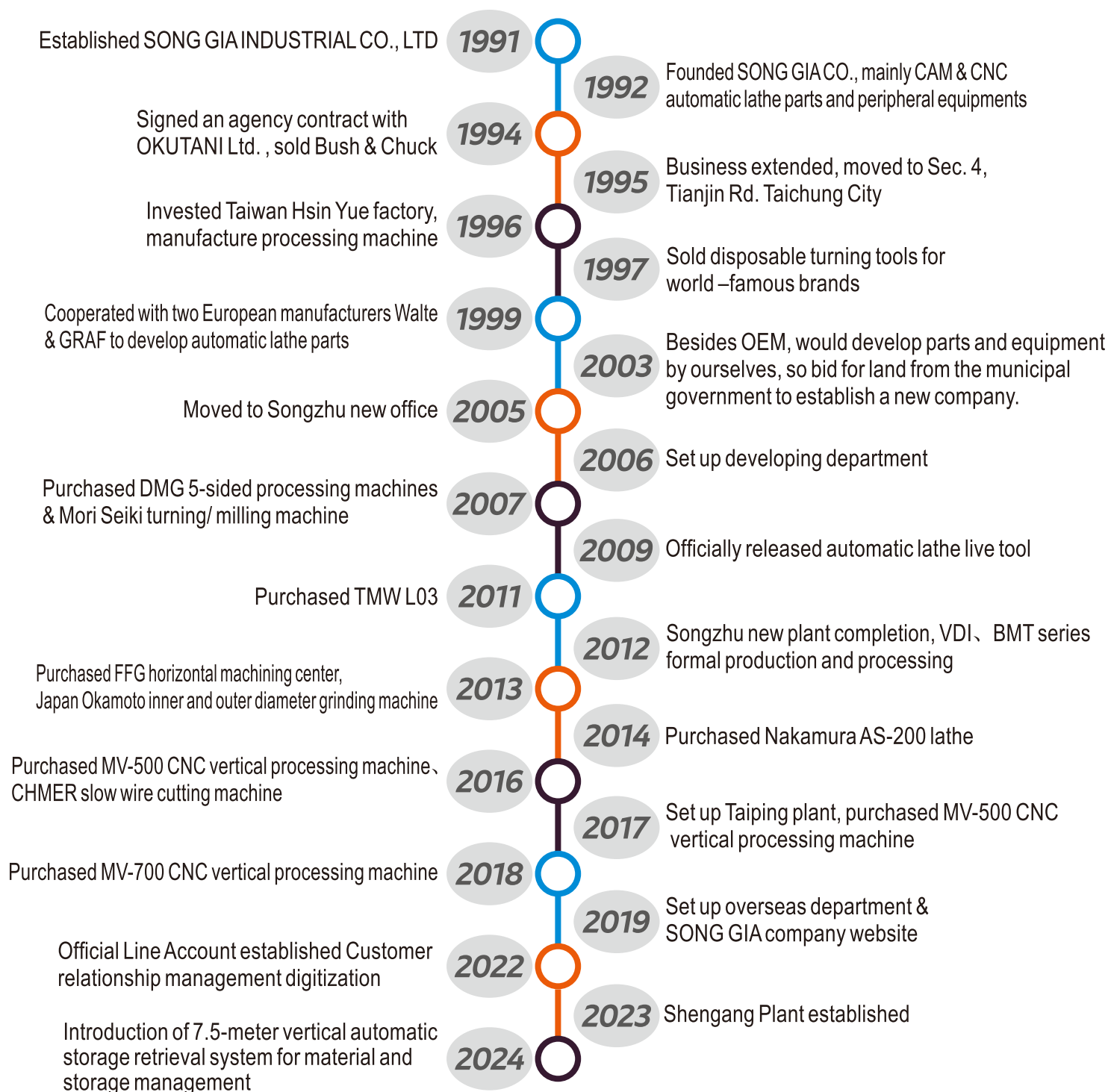


GOODWAY
P61





Company History

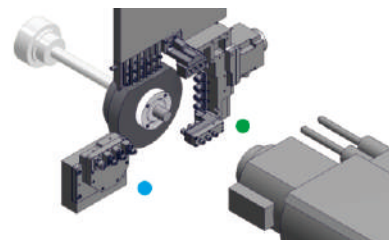


Agents

Area	Company	Address	Tel.
Taiwan	 Song Gia Industrial Co., Ltd.	No.148, Songzhu 2nd Rd., Beitun Dist. Taichung City 40644, Taiwan	+886 4 22396869
Asean	 PK Industrial Supply Pte Ltd	48 Toh Guan Rd East #02 -116 Enterprise Hub Singapore 608586	+65 6449 3088
China	Dongguan Song Gia Industrial Co., Ltd	No.5, West 4 Lane, Xinan new countryside, Changan town, Dongguan city, Guangdong	+86 769 8188 2701
Italy and Turkey	 DAL LAGO TTC srl	Via Piave 16 36077 Altavilla Vicentina (VI) - Italy	+39 0444 349030
France	 TTC France SAS	55, Avenue Du Stade, Forum 74 74950 Scionzier - France	+33 787408154
Rest of Europe	 KGT-EU srl	Via Piave 16 36077 Altavilla Vicentina (VI) - Italy	+39 0444 349941
U.S.A.	 TTC North America LLC	2201 E. 46Th Street, #125 Indianapolis, IN 46205 – U.S.A.	+1 317-208-0502
Canada	 Tool Holder Shop Inc.	200 - 30 Via Renzo Drive, Richmond Hill, ON, L4S 0B8 Canada	+1 905 7872299



ECAS, SB, SR, SW

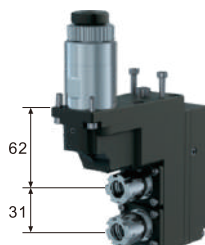


Drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STRA2A1203

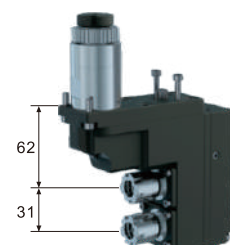
57151
1:1
6000
ER16M



2-spindle drilling/milling unit

STRA2A2204

54151
1:1
6000
ER16M



2-spindle double drilling/milling unit

STRA2B2202

66159
1:1
6000
ER16M/ER11M

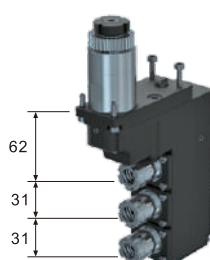


2-spindle double drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STWA2B2101

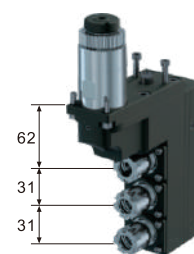
10156
1:1
12000
ER11M/ER8M



3-spindle drilling/milling unit

STRA2A3204

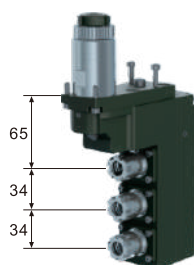
—
1:1
6000
ER16M



3-spindle drilling/milling unit

STRA2A3201

66151
1:1
6000
ER16M

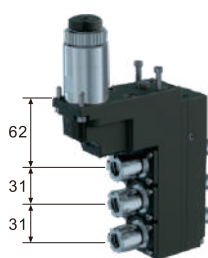


3-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STRA2A3301

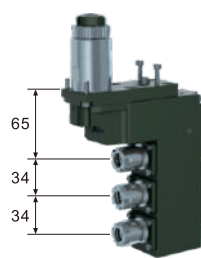
67151
1:1
6000
ER16M



3-spindle double drilling/milling unit

STRA2B3201

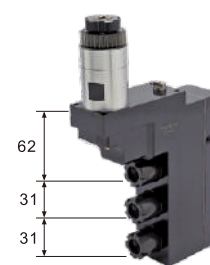
67161
1:1
6000
ER16M/ER11M



3-spindle double drilling/milling unit

STRA2B3301

67159
1:1
6000
ER16M/ER11M

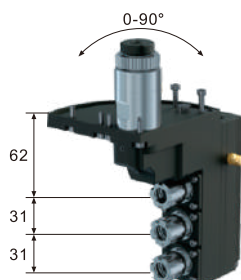
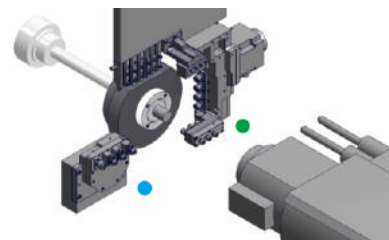


3-spindle double drilling/milling unit

STRA2B3203

—
1:1
6000
ER16M/ER11M

ECAS, SB, SR, SW



3-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

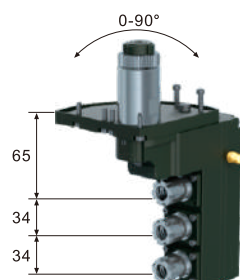
STRA2A3202

—

1:1

6000

ER16M



3-spindle drilling/milling unit

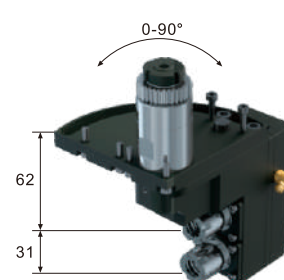
STRA2A3302

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1:1

6000

ER16M



2-spindle drilling/milling unit

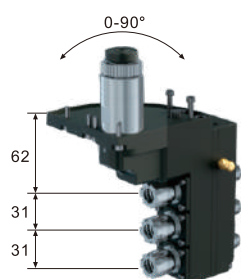
STRA2A2202

—

1:1

6000

ER16M



3-spindle double drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

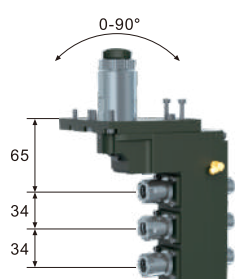
STRA2B3202

—

1:1

6000

ER16M/ER11M



3-spindle double drilling/milling unit

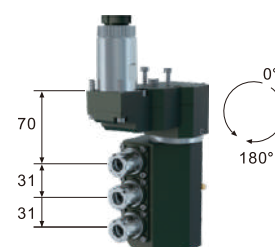
STRA2B3302

—

1:1

6000

ER16M/ER11M



3-spindle drilling/milling unit

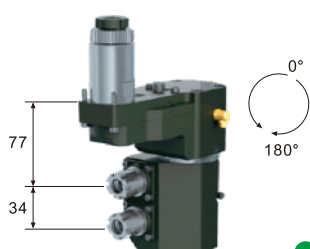
STRA2A3207

—

1:1

6000

ER16M



2-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

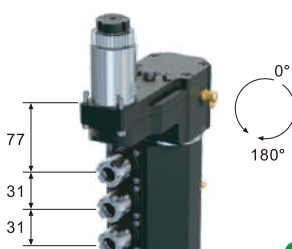
STRA2A2303

—

1:1

6000

ER16M



3-spindle drilling/milling unit

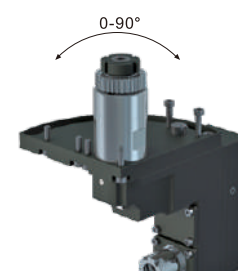
STRA2A3203

—

1:1

6000

ER16M



Drilling/milling unit, Angle adj. 0-90°

STRA2A1205

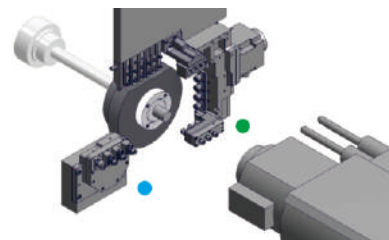
—

1:1

6000

ER16M

ECAS, SB, SR, SW



Axial drilling/milling unit

Product No.	STRA116204
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Ø 10.5/M10x1.5



Cross drilling/milling unit

Product No.	STRA116201
Ref. No.	57155
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



Cross drilling/milling unit

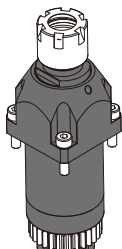
Product No.	STRA116202/STRA120201
Ref. No.	33150
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M / ER20M

high speed



Cross drilling/milling unit

Product No.	STRA111202
Ref. No.	—
Speed ratio	1:3 
RPM Max.	18000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	STRA116209
Ref. No.	57155
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	STRA116210
Ref. No.	331-50-00
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



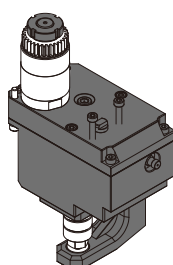
Cross drilling/milling unit, 3-spindle

Product No.	STRA111201
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M



Slotting unit

Product No.	STRA706201/STRA712201/STRA713201
Ref. No.	54153
Speed ratio	1:0.374 
RPM Max.	4000
Tool clamping	鋸片 Ø6/Ø12.7/Ø13xØ50



Slotting unit

Product No.	STRA712204
Ref. No.	—
Speed ratio	1:0.374 
RPM Max.	4000
Tool clamping	Ø50



Slotting unit

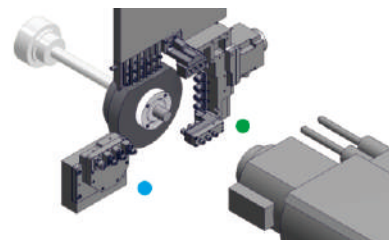
Product No.	STRA713202
Ref. No.	—
Speed ratio	1:0.375 
RPM Max.	4000
Tool clamping	鋸片 Ø13xØ50



Thread whirling unit 

Product No.	STRA545203
Ref. No.	68172
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287

ECAS, SB, SR, SW

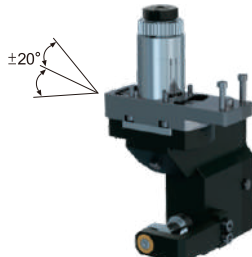


※Option: cutter

Polygon unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STRA400201
OT191
1:1
3000
—



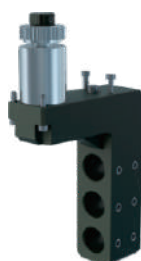
Gear hobbing unit

STRA613201/STRA610201
—
1:1
6000
滾齒刀 Ø13xØ30x20/Ø10



Boring bar holder

STRA803309
—
—
—
Ø22



Boring bar holder

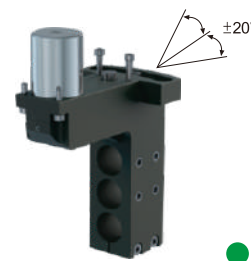
Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STRA803307
—
—
—
Ø22



Idler shaft

STRA100000
57189
—
—
—



Air tool holder

STRA0002
—
—
—
Ø22



Air tool holder

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

STBA0004
—
—
—
Ø22



Air tool holder

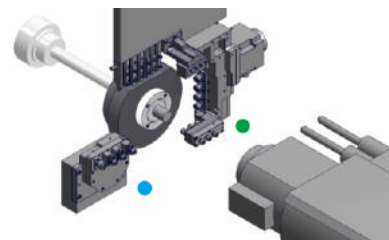
STRA0014
—
—
—
Ø 25



Air tool holder for sub spindle

STRB0003
—
—
—
Ø20

ECAS, SB, SR, SW



Air tool holder for sub spindle

Product No. **STRB0001**
 Ref. No. —
 Speed ratio —
 RPM Max. —
 Tool clamping Ø22.8



Slotting unit for sub spindle

STRB700201
 69166/69165
 1:0.55 ⚙️
 4000
 Ø5/6/8/10/12.7/13xØ50



Slotting unit for sub spindle

STRB700202
 0R165
 1:0.55 ⚙️
 4000
 Ø5/6/8/10/12.7/13xØ50



Drilling/milling unit for sub spindle

Product No. **STRB111210**
 Ref. No. 54161
 Speed ratio 1:4 ⚙️
 RPM Max. 24000
 Tool clamping ER11A



Drilling/milling unit for sub spindle

STRB111213
 0R161
 1:1
 6000
 ER11M



Drilling/milling unit for sub spindle

STRB116205
 —
 1:1
 8000
 M6X1



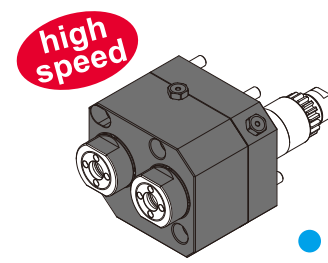
Drilling/milling unit for sub spindle

Product No. **STRB116206**
 Ref. No. 10181
 Speed ratio 1:1
 RPM Max. 6000
 Tool clamping ER16M



Drilling/milling unit for sub spindle

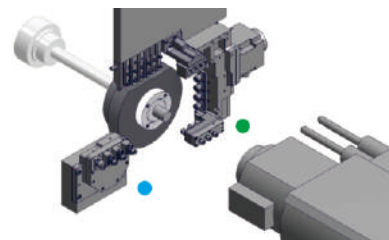
STRB111208
 54161
 1:1
 6000
 ER11M



Drilling/milling unit for sub spindle

STRB111209
 —
 1:3 ⚙️
 18000
 ER11

ECAS, SB, SR, SW



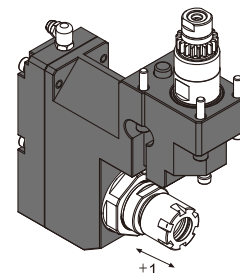
Drilling/milling unit for sub spindle

Product No.	STRB116201
Ref. No.	0R161
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Drilling/milling unit for sub spindle

Product No.	STRB116202/STRB116203
Ref. No.	57161
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER16A



Cross drilling/milling unit for sub spindle

Product No.	STRB316204
Ref. No.	0R151
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



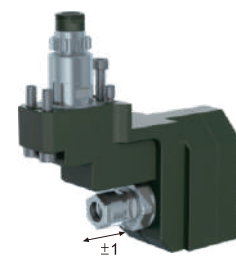
Drilling/milling unit for sub spindle, 3-spindle

Product No.	STRB1108101
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER8M



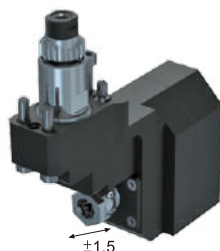
Drilling/milling unit for sub spindle, 3-spindle

Product No.	STRB111201
Ref. No.	0E151
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M



Cross drilling/milling unit for sub spindle

Product No.	STRB311201
Ref. No.	69166
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

Product No.	STRB311205
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

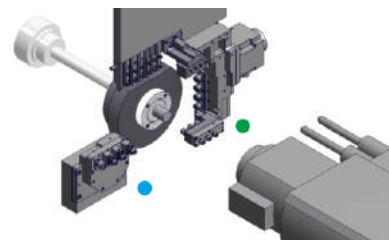
Product No.	STRB316201
Ref. No.	0R151
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Cross drilling/milling unit for sub spindle

Product No.	STRB316202
Ref. No.	—
Speed ratio	1:0.77
RPM Max.	4000
Tool clamping	ER16A

ECAS, SB, SR, SW



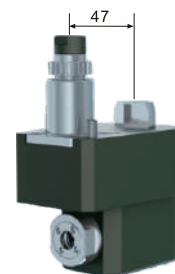
Cross drilling/milling unit for sub spindle

Product No.	STRB311101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11



Cross drilling/milling unit for sub spindle

Product No.	STRB311204
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11



Cross drilling/milling unit for sub spindle

Product No.	STRB311301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11



Cross drilling/milling unit for sub spindle

Product No.	STRB311203
Ref. No.	OE152
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M



Cross drilling/milling unit for sub spindle

Product No.	STRB320301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER-20M



Drilling/milling unit for sub spindle

Product No.	STRB111101
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11



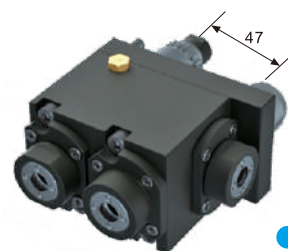
Drilling/milling unit for sub spindle

Product No.	STRB111203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11(内螺帽)



Drilling/milling unit for sub spindle

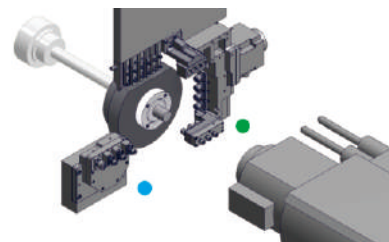
Product No.	STRBB111201
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11



Drilling/milling unit for sub spindle

Product No.	STRB111301
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11

ECAS, SB, SR, SW



Cross drilling/milling unit for sub spindle, angle adjustable 15°~45°

Product No.	STRB316207
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



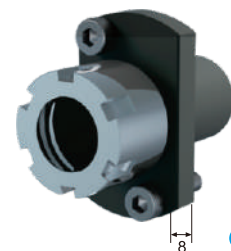
Drill holder for sub spindle 

STRB81Q303
9D291
—
—
ER20M



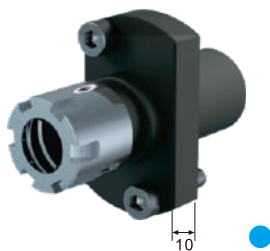
Drill holder for sub spindle 

STRB81Q304
—
—
—
ER16M



Drill holder for sub spindle

STRB81Q305
54121-8L
—
—
ER20M



Drill holder for sub spindle

STRB81Q307
54121
—
—
ER16M



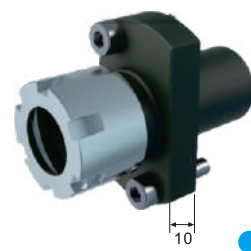
Drill holder for sub spindle

STRB81Q309
—
—
—
ER16M



Drill holder for sub spindle

STRB81Q312
—
—
—
ER25UM



Drill holder for sub spindle

STRB81Q313
67122
—
—
ER20M



Drill holder for sub spindle 

STRB81E202
0R123
—
—
ER16M



Drill holder for sub spindle

STRB81E204
—
—
—
ER16M



Drill holder for sub spindle

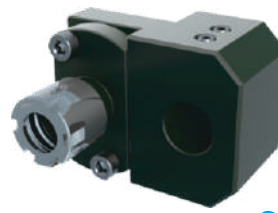
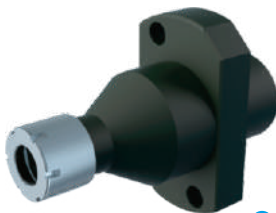
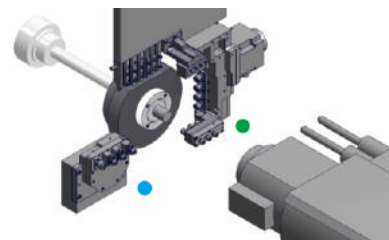
STRB81E205
—
—
—
ER16M



Drill holder for sub spindle 

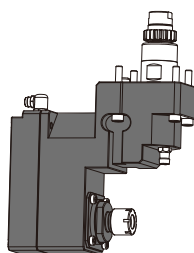
STRB81S301
10119
—
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ER20M

ECAS, SB, SR, SW



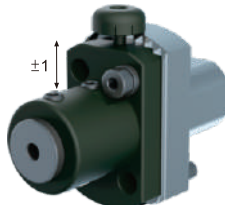
※ER drill holder not included

	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle
Product No.	STRB81Q101	STRB81Q201	STRB82Q201	STRB81Q105
Ref. No.	69125	69124	—	—
Speed ratio	—	—	—	—
RPM Max.	—	—	—	—
Tool clamping	ER11M	ER11M	Ø16	ER11M



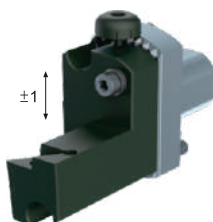
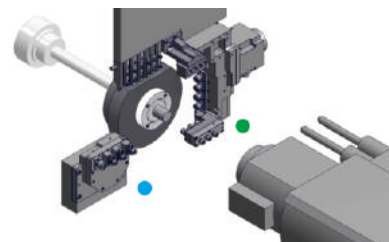
※ER drill holder not included

	Drill holder for sub spindle	Cross drilling/milling unit for sub spindle	Boring bar holder for sub spindle	Boring bar holder for sub spindle
Product No.	STRB82Q202	STRB311206	STRB82EI00	STRB82FI38/STRB82FI12
Ref. No.	9D271	10165	—	—
Speed ratio	—	1:1	—	—
RPM Max.	—	6000	—	—
Tool clamping	Ø16	ER11M	Ø 1/2 1/4 3/8 5/8 5/16	Ø 3/8 1/2



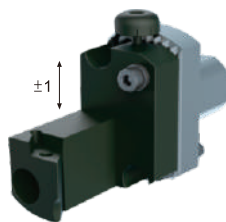
	Boring bar holder for sub spindle	Boring bar holder for sub spindle	Boring bar holder for sub spindle	Boring bar holder for sub spindle
Product No.	STRB82Q200/STRB82QI34	STRBA 22000+COMBAB0000	STRB82E200	STRB82E200
Ref. No.	—	—	—	—
Speed ratio	—	—	—	—
RPM Max.	—	—	—	—
Tool clamping	Ø3/4/5/6/8/9/10/12/16/20 Ø3/4	Ø3/4/5/6/8/9/10/12/16	Ø6/8/9/10/12/16	Ø3 1/8 4 3/16 5

ECAS, SB, SR, SW



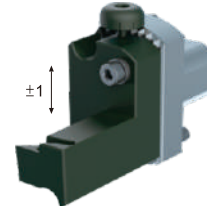
Turning holder for sub spindle ↕

Product No.	STRBA22000+COMBADL550
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	 DC.T11T3



Turning holder for sub spindle ↕

Product No.	STRBA22000+COMBADR550
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	 DC.T11T3



Turning holder for sub spindle ↕

Product No.	STRBA22000+COMBADL350
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	 VC.T1103



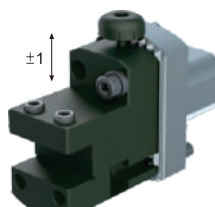
Turning holder for sub spindle

Product No.	STRB912201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø12



Turning holder for sub spindle

Product No.	STRB910202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□10



Turning holder for sub spindle ↕

Product No.	STRBA22000+COMBAC1000
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□10



Boring bar holder

Product No.	STRA803310
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø22



Turning holder for sub spindle

Product No.	STRB910201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□10



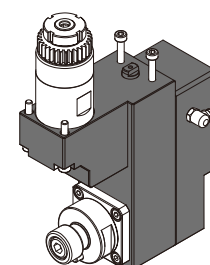
Turning holder for sub spindle

Product No.	STRB912204
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□12



Cutter width:5mm
Polygon unit for sub spindle

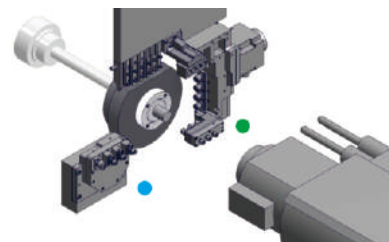
Product No.	STRB412201
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø12.7



Polygon unit

Product No.	STRA400301
Ref. No.	—
Speed ratio	1:0.6 ↕
RPM Max.	4000
Tool clamping	Ø85 Ø60

SV32JII, SV12, SV20, ECAS20T



Axial drilling/milling unit

Product No.	STVC120201
Ref. No.	22150
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	STVC116201
Ref. No.	22150
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



2 spindle axial drilling/milling unit

Product No.	STVC116202
Ref. No.	42151
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Universal drilling/milling unit 

Product No.	STVC2A1201
Ref. No.	42155
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	STVC2B2201
Ref. No.	42159
Speed ratio	1:1.16 
RPM Max.	6000
Tool clamping	ER11M



Thread whirling unit 

Product No.	STVC545202
Ref. No.	59172
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287



Cross drilling/milling unit

Product No.	STRA108202
Ref. No.	7.071.600
Speed ratio	1:2 
RPM Max.	16000
Tool clamping	ER8M



Axial drilling/milling unit

Product No.	STVC111202
Ref. No.	—
Speed ratio	1:2.52 
RPM Max.	15120
Tool clamping	ER8M

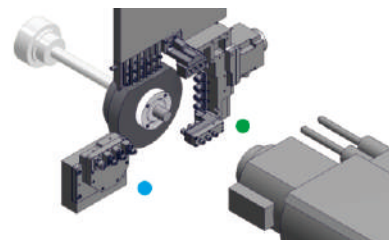


※Longitudinally adj. ±1mm

Turning holder 

Product No.	STVC916201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16

SV32JII, SV12, SV20, ECAS20T



※Longitudinally adj. ±1mm

Turning holder 

Product No.	STVC916202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



※Longitudinally adj. ±1mm

Turning holder for sub spindle

Product No.	STVC916205
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



※Longitudinally adj. ±1mm

Turning holder for sub spindle 

Product No.	STVC916206
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



Boring bar holder 

Product No.	STVC803205
Ref. No.	42111
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



2-Station turning holder Ø16

Product No.	STVC916204
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



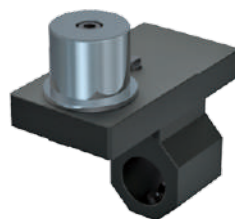
3-Station turning holder Ø12

Product No.	STVC912201
Ref. No.	42102
Speed ratio	—
RPM Max.	—
Tool clamping	□ 12



3-Station turning holder for sub spindle Ø12

Product No.	STVC912202
Ref. No.	42103
Speed ratio	—
RPM Max.	—
Tool clamping	□ 12



Boring bar holder

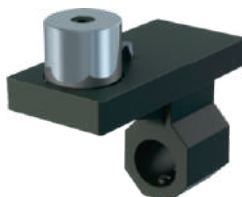
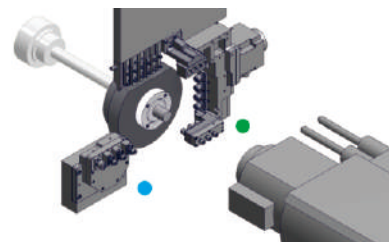
Product No.	STVC801201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	STVC801202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32

SV32JII, SV12, SV20, ECAS20T



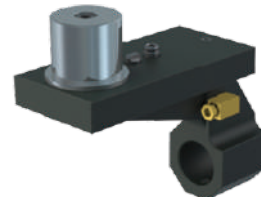
Boring bar holder

Product No.	STVC801204
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	STVC801205
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	STVC801206
Ref. No.	58113
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	STVC801207
Ref. No.	22110
Speed ratio	—
RPM Max.	—
Tool clamping	Ø22



Boring bar holder 

Product No.	STVC803203
Ref. No.	42112
Speed ratio	—
RPM Max.	—
Tool clamping	Ø22



Boring bar holder 

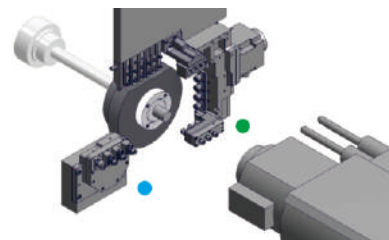
Product No.	STVC803206/STVC803207
Ref. No.	43111
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32 Ø22



Boring bar holder

Product No.	STVC802201
Ref. No.	44112
Speed ratio	—
RPM Max.	—
Tool clamping	Ø22

SV32, ECAS32T, SV-38R



Axial drilling/milling unit

Product No.	STVC120301
Ref. No.	58151
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	STVC116302
Ref. No.	20150
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Axial drilling/milling unit

Product No.	STVC125301
Ref. No.	43161
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Axial drilling/milling unit

Product No.	STVC111301
Ref. No.	431-52-00
Speed ratio	1:1.67 
RPM Max.	6000
Tool clamping	ER11A



Axial drilling/milling unit

Product No.	STVC116301
Ref. No.	43151
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	STVC2B2301
Ref. No.	43159
Speed ratio	1:1.16 
RPM Max.	6000
Tool clamping	ER11M



Radial drilling/milling unit

Product No.	STVC2B2303
Ref. No.	43159
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Radial drilling/milling unit

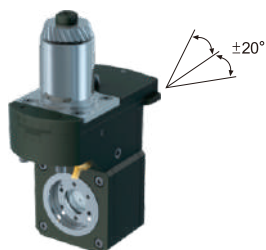
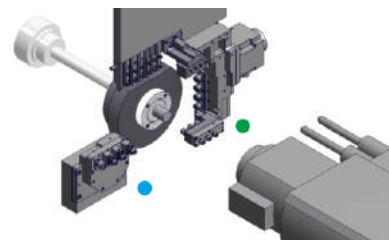
Product No.	STVC2B2304
Ref. No.	43159
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



2-spindle drilling/milling unit 

Product No.	STVC2A2303
Ref. No.	19101
Speed ratio	1:1 B axis speed ratio: 80:1 
RPM Max.	5700
Tool clamping	ER16M

SV32, ECAS32T,SV-38R



Thread whirling unit 

Product No.	STVC545301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287



Universal drilling/milling unit

43155
1:1
5700
ER11A



※Longitudinally adj. ±1mm
Turning holder for sub spindle

STVC920303

43104
—
—
□ 20



※Longitudinally adj. ±1mm

Turning holder for sub spindle

Product No. STVC916301

Ref. No.	78171
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



※Longitudinally adj. ±1mm

Turning holder for sub spindle

STVC920301

78171
—
—
□ 20



※Longitudinally adj. ±1mm

Turning holder for sub spindle

STVC916302

—
—
—
□ 16



2 spindle radial drilling/milling unit

Product No. STVC2A2301

Ref. No.	43157
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20M

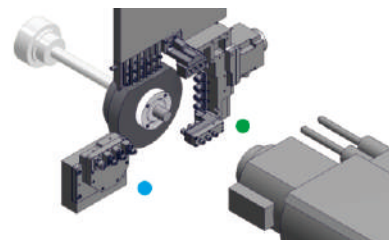


2 spindle radial drilling/milling unit

STVC2B1302

20156
1:1
6000
ER16A

SX38



Drill holder for sub spindle

Product No.	STXB81E302
Ref. No.	10139
Speed ratio	—
RPM Max.	—
Tool clamping	ER25UM



Axial drilling/milling unit

STXC120301
12181
1:1
6000
ER20A



Boring bar holder 

STXC801301
—
—
—
Ø38



Universal drilling/milling unit

STXC120302
—
1:1
6000
ER20M



Radial drilling/milling unit

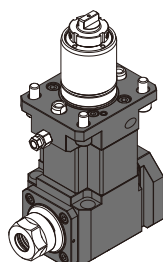
STXC2A1301
—
1:1
6000
ER20NUT



Double drilling/milling unit

STWA2B1101
—
1:1
12000
ER11M/ER8M

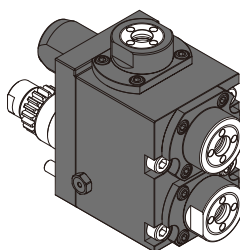
SK51



Radial drilling/milling unit 

STKC2A1501
—
1:1
6000
ER20A

SP23



Drilling/milling unit for sub spindle

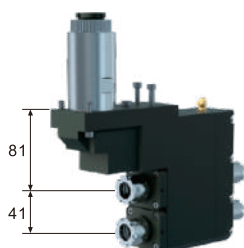
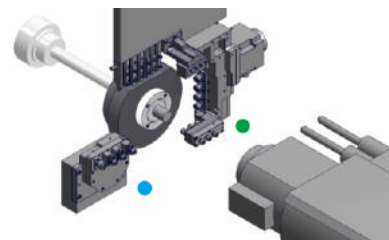
STPB111201
—
1:1
8000
ER11



2-spindle drilling/milling unit

STRA2A3211
—
1:1
6000
ER16M

SR38



2-spindle double drilling/milling unit

Product No.	STRA2B2302
Ref. No.	10169
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER20M/ER16M



Drill holder

STRA802303
10123
—
—
Ø32



Cross drilling/milling unit

Product No.	STRA120301
Ref. No.	10168
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20M



Turning holder for sub spindle

STRB955301
—
—
—
DC.T11T3

SL10



Cross drilling/milling unit

Product No.	STRA111101
Ref. No.	10152
Speed ratio	1:1
RPM Max.	12000
Tool clamping	ER11M

BO205



Tool holder

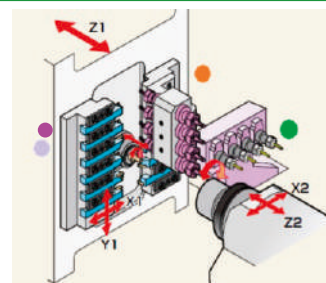
Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBA0001
3220-T520
—
—
Ø20



Cross drilling/milling unit for sub spindle

TSBB311201
3220-Y7074
1:1
8000
ER11A



Drilling/milling unit for sub spindle

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBB116201
3220-Y7072
1:1
8000
ER16M



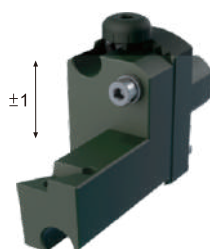
Drill holder for sub spindle

TSBB81Q202
D35
—
—
ER11A



Drill holder for sub spindle

TSBB82Q201
3220-Y7073
—
—
Ø20



Turning holder for sub spindle

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBB20000+COMBADL550
—
—
—
DC.T11T3



Air tool holder for sub spindle

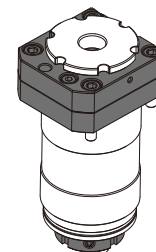
TSBB0001
—
—
—
NR-303



Turning holder for sub spindle

TSBB912201
—
—
—
□ 12

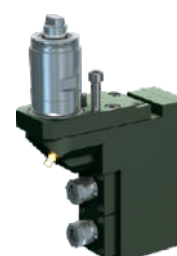
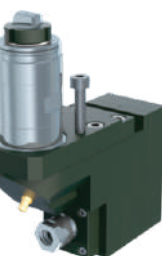
BO265,BO266,BO325,BO326,BO385



	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
Product No.	TSBA116301	TSBA120301	TSBA111301	TSBA116306
Ref. No.	3268-T051	3268-T051-ER20	3290-Y670	—
Speed ratio	1:1	1:1	1:2 	1:1
RPM Max.	6000	6000	12000	6000
Tool clamping	ER16A	ER20A	ER11A	M12x1.75

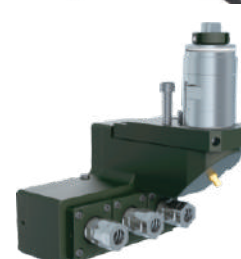
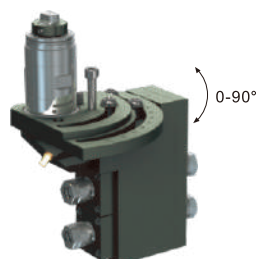
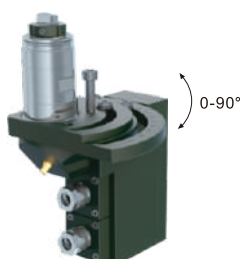


	Cross drilling/milling unit, 2-spindle	Thread whirling unit	Drilling unit (deep hole)
Product No.	TSBA116304	TSBA545301	TSBA116302
Ref. No.	—	3268-Y450	3290-Y010
Speed ratio	1:1	1:1	1:1
RPM Max.	6000	5000	8000
Tool clamping	ER16AM	Utilis no.119287	ER16A



	Drilling/milling unit	2-spindle drilling/milling unit	2-spindle double drilling/milling unit
Product No.	TSBA2A1301	TSBA2A2304	TSBA2B2303
Ref. No.	—	—	3282-Y901
Speed ratio	1:1	1:1	1:1
RPM Max.	6000	6000	6000
Tool clamping	ER16AM	ER16AM	ER16AM

BO265,BO266,BO325,BO326,BO385



2-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBA2A2301

3282-Y900
1:1
6000
ER16AM

2-spindle double drilling/milling unit

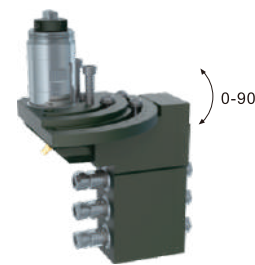
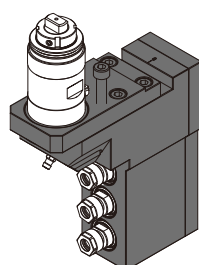
TSBA2B2302

3282-Y921
1:1
6000
ER16AM

3-spindle drilling/milling unit

TSBA2A3301

—
1:1
5000
ER16AM



3-spindle double drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBA2B3305

—
1:1
6000
ER11A

3-spindle double drilling/milling unit

TSBA2B3302

—
1:1
6000
ER11A

3-spindle double drilling/milling unit

TSBA2B3301

—
1:1
6000
ER11A



high speed



Drilling/milling unit for sub spindle

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

TSBB116301

3282-Y041
1:1
6000
ER16A

Drilling/milling unit for sub spindle

TSBB111301

3290-Y680
1:2 
12000
ER11A

2-spindle drilling/milling unit for sub spindle

TSBB116302

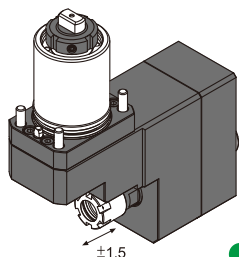
—
1:1
6000
ER16AM

Cross drilling/milling unit for sub spindle

TSBB316301

3290-Y041
1:1
6000
ER16M

BO265,BO266,BO325,BO326,BO385



Cross drilling/milling unit for sub spindle

Product No.	TSBB316302
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Slotting unit

Product No.	TSBA716301
Ref. No.	—
Speed ratio	2:1 
RPM Max.	3000
Tool clamping	Ø16xØ100



Slotting unit for sub spindle 

Product No.	TSBB712301
Ref. No.	—
Speed ratio	1:1
RPM Max.	3000
Tool clamping	Ø12.7xØ70



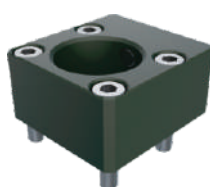
Drill holder for sub spindle 

Product No.	TSBB82Q304
Ref. No.	3282-Y212
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Drill holder for sub spindle

Product No.	TSBB82Q303
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Drill holder for sub spindle

Product No.	TSBB82Q302
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Drill holder for sub spindle 

Product No.	TSBB81Q301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER20M



Boring bar holder

Product No.	TSBA802301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø 25



Turning holder for sub spindle

Product No.	TSBB912301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□12



Turning holder for sub spindle

Product No.	TSBB910301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□10



Turning holder for sub spindle

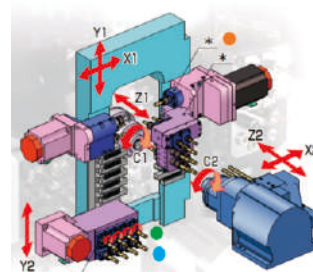
Product No.	TSBB912302
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□12



Boring bar holder for sub spindle 

Product No.	TSBBA42000+COMBAB0000
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø3/4/5/6/8/9/10/12/16

S205, S206



Cross drilling/milling unit

Product No.	TSSA111202
Ref. No.	3220-Y7551-0101
Speed ratio	1:4 
RPM Max.	24000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	TSSA116201
Ref. No.	3281-T050
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	TSSA116202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	TSSA116203
Ref. No.	—
Speed ratio	2:1 
RPM Max.	3000
Tool clamping	ER16M



2-spindle double drilling/milling unit

Product No.	TSSA2B2201
Ref. No.	3281-Y240
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM/ER11A



2-spindle double drilling/milling unit

Product No.	TSSA2B2203
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000RPM
Tool clamping	ER16AM/ER11A



3-spindle drilling/milling unit

Product No.	TSSA2A3201
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



3-spindle drilling/milling unit

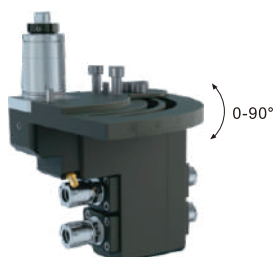
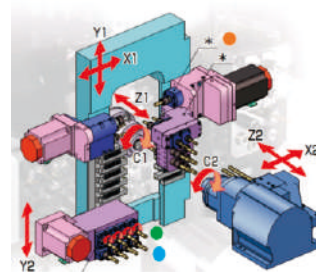
Product No.	TSSA2A3204
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM



3-spindle double drilling/milling unit

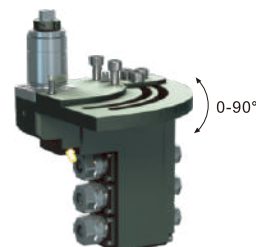
Product No.	TSSA2B3203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM/ER11A

S205, S206



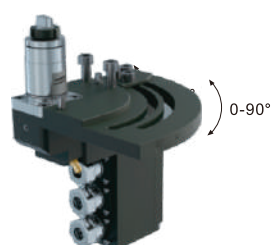
2-spindle double drilling/milling unit 

Product No.	TSSA2B2202
Ref. No.	3281-Y280
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM/ER11A



3-spindle double drilling/milling unit 

Product No.	TSSA2B3202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM/ER11A



3-spindle drilling/milling unit 

Product No.	TSSA2A3203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM



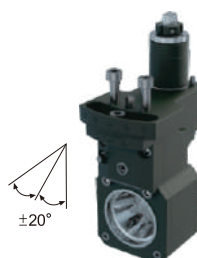
3-spindle double drilling/milling unit

Product No.	TSSA2B3208
Ref. No.	3281-Z79290-9012
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16AM/ER11A



3-spindle drilling/milling unit 

Product No.	TSSA2A3205
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16AM



Thread whirling unit 

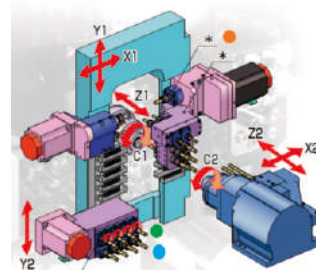
Product No.	TSSA545201
Ref. No.	3281-Y450
Speed ratio	1:1
RPM Max.	5000
Tool clamping	Utilis no.119287



Polygon unit for sub spindle

Product No.	TSSB412201
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø12.7

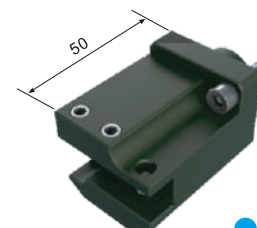
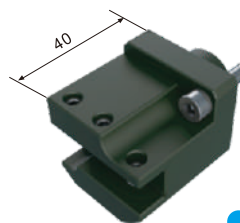
S205,S206



	Cross drilling/milling unit for sub spindle	Cross drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle	Drill holder for sub spindle
Product No.	TSSB316201	TSSB316204	TSSB116201	TSSB82Q202/TSSB82Q205
Ref. No.	3281-Y460	—	3281-S080	3281-S060
Speed ratio	1:1	1:1	1:1	—
RPM Max.	6000	6000	8000	—
Tool clamping	ER16M	ER16M	ER16M	Ø20 / Ø16

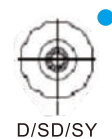
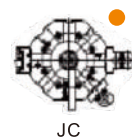


	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle
Product No.	TSSB81Q201	TSSB81Q202	TSSB82Q203
Ref. No.	—	—	—
Speed ratio	—	—	—
RPM Max.	—	—	—
Tool clamping	ER20M	ER16M	Ø20



	Drill holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle
Product No.	TSSB82Q204	TSSB912201	TSSB910201	TSSB910202
Ref. No.	—	—	—	—
Speed ratio	—	—	—	—
RPM Max.	—	—	—	—
Tool clamping	Ø20	□12	□10	□10

M06, M08



Axial drilling/milling unit

Product No.	TSMC125001
Ref. No.	3295-Z92511-0101
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	TSMC2A2001
Ref. No.	3259-Y171
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER20A



Turning holder

Product No.	TSMC925003
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□25



Turning holder (cut-off)

Product No.	TSMC925001
Ref. No.	3295-H250
Speed ratio	—
RPM Max.	—
Tool clamping	□25



Turning holder

Product No.	TSMC925002
Ref. No.	3295-H210
Speed ratio	—
RPM Max.	—
Tool clamping	□25



Boring bar holder 

Product No.	TSMC801002
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	TSMC801001
Ref. No.	3295-H202
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32



Boring bar holder

Product No.	TSMC802001
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	TSMC802004
Ref. No.	3297-H020
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder (offset, for main spindle)

Product No.	TSMC802003 / TSMC802005
Ref. No.	3295-H270
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25 / Ø32



Boring bar holder (offset, for sub spindle)

Product No.	TSMC802002
Ref. No.	3295-H280
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder (offset, for sub spindle)

Product No.	TSMC802007
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25

M32



Axial drilling/milling unit

Product No.	CTMC116301
Ref. No.	KSC110-2X
Speed ratio	1:2 
RPM Max.	10000
Tool clamping	ER16A



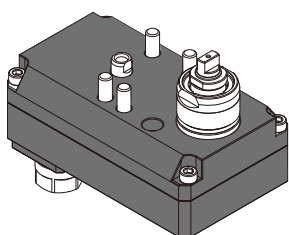
Axial drilling/milling unit

Product No.	CTMC116302
Ref. No.	KSC110
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER16A



Axial drilling/milling unit 

Product No.	CTMC116309
Ref. No.	—
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER16A



Axial drilling/milling unit

Product No.	CTMC116314
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Axial drilling/milling unit

Product No.	CTMC120301
Ref. No.	KSC213
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER-20A



Axial drilling/milling unit  120bar

Product No.	CTMC120303
Ref. No.	KSC213
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER-20A



Radial drilling/milling unit

Product No.	CTMC2A1301
Ref. No.	KSE110
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	CTMC2A1302
Ref. No.	KSE310
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



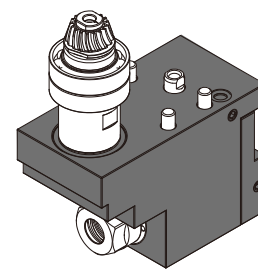
Radial drilling/milling unit  25bar

Product No.	CTMC2A1305
Ref. No.	KSE310
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	CTMC2A1307
Ref. No.	KSE113
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Radial drilling/milling unit  120bar

Product No.	CTMC2A1310
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A

M32



3-spindle drilling/milling unit

Product No.	CTMC2A3301
Ref. No.	GSE-1510
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16AM



Drilling/milling unit

Product No.	CTMC116303
Ref. No.	KSM110
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER16A



Boring bar holder

Product No.	CTMC801301
Ref. No.	CDF101
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4



Boring bar holder 

Product No.	CTMC801303
Ref. No.	CDF301
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4



Boring bar holder 

Product No.	CTMC801304
Ref. No.	CDF-1201
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4



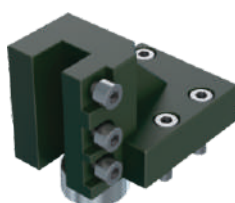
Boring bar holder

Product No.	CTMC802301
Ref. No.	CDF401
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4



Boring bar holder

Product No.	CTMC802302
Ref. No.	CDF-1201
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



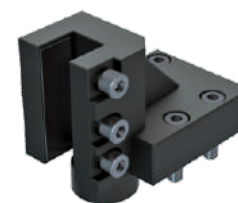
Turning holder

Product No.	CTMC916301
Ref. No.	CTF116
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



2-Station turning holder 

Product No.	CTMC916302
Ref. No.	CTF1116
Speed ratio	—
RPM Max.	—
Tool clamping	□ 16



Turning holder

Product No.	CTMC919301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 19.05

M16



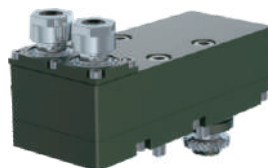
Axial drilling/milling unit

Product No.	CTMC111101
Ref. No.	MSC106
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Axial drilling/milling unit

Product No.	CTMC111102
Ref. No.	MSC107BT
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Axial drilling/milling unit

Product No.	CTMC111103
Ref. No.	MSC407
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Slotting unit

Product No.	CTMC712101
Ref. No.	MSS345
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø12.7xØ70



Radial drilling/milling unit

Product No.	CTMC2A1102
Ref. No.	MSE106
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	CTMC2A1103
Ref. No.	MST306
Speed ratio	1:1
RPM Max.	3000
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	CTMC2A1105
Ref. No.	MSE106-K
Speed ratio	1:1
RPM Max.	6000RPM
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	CTMC2A1106
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000RPM
Tool clamping	ER11A



Turning holder

CTMC910101
VTF110
□ 10



Turning holder (cut-off)

CTMC910102
VTF1310
□ 10



Boring bar holder

CTMC801102
VDF201
Ø19.05



Boring bar holder

CTMC801101
VDF501
Ø19.05



Boring bar holder

CTMC802101
VDF401
Ø19.05

L Series



2-spindle double drilling/milling unit

Product No.	CTLA2B2301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



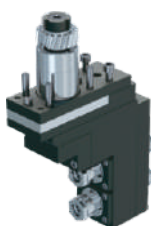
3-spindle drilling/milling unit

Product No.	CTLA2A3301
Ref. No.	BSE307/BSE407/BSE607
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



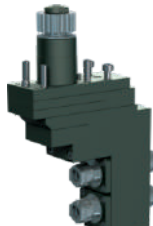
3-spindle double drilling/milling unit

Product No.	CTLA2B3302
Ref. No.	BSE507/BSE707
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



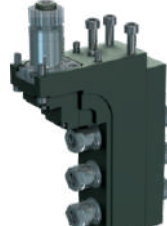
2-spindle double drilling/milling unit

Product No.	CTLA2B2201
Ref. No.	GSE3107
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



2-spindle double drilling/milling unit

Product No.	CTLA2B2202
Ref. No.	GSE3707
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



3-spindle double drilling/milling unit

Product No.	CTLA2B3301
Ref. No.	GSE1810
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16AM



3-spindle double drilling/milling unit

Product No.	CTLA2B3202
Ref. No.	GSE3207
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



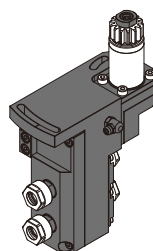
3-spindle double drilling/milling unit

Product No.	CTLA2B3207
Ref. No.	GSE1007
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER16AM/ER11A



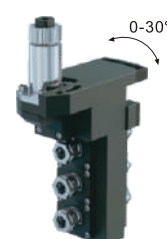
3-spindle double drilling/milling unit

Product No.	CTLA2B3206
Ref. No.	GSE3807
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



2-spindle double drilling/milling unit

Product No.	CTLA2B2101
Ref. No.	GSE3607
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



3-spindle double drilling/milling unit

Product No.	CTLA2B3101
Ref. No.	GSE3607
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A

L Series



Thread whirling unit 

Product No.	CTLA545201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287



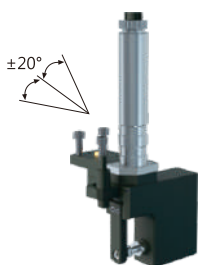
Drilling/milling unit

Product No.	CTLA2A3202
Ref. No.	GSE3210
Speed ratio	1:1
RPM Max.	—
Tool clamping	Ø31



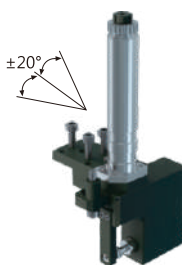
Gear hobbing unit

Product No.	CTAA608201
Ref. No.	—
Speed ratio	1:1
RPM Max.	3000
Tool clamping	Ø8xØ25x15



Gear hobbing unit 

Product No.	CTLA608201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	滾齒刀 Ø8xØ25x12



Gear hobbing unit 

Product No.	CTLA608202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	滾齒刀 Ø8xØ25x12



4-spindle double drilling/milling unit

Product No.	CTLA2B4301
Ref. No.	GSE-2010
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16AM



Drilling/milling unit

Product No.	CTLA2A1201
Ref. No.	GSE306
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Drilling/milling unit

Product No.	CTLA2A1205
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Double drilling/milling unit

Product No.	CTLA2B1302
Ref. No.	—
Speed ratio	1:3 
RPM Max.	15000
Tool clamping	ER11A



Double drilling/milling unit

Product No.	CTLA2B1201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A/ER11M

L Series



Double drilling/milling unit

Product No.	CTLA2B1203
Ref. No.	—
Speed ratio	1:3 
RPM Max.	15000
Tool clamping	ER11A



Double drilling/milling unit

Product No.	CTLA2B1301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A/ER11M



2-spindle drilling/milling unit

Product No.	CTLA2A2202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



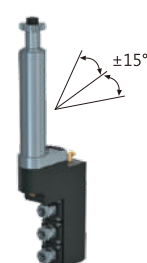
3-spindle drilling/ milling unit

Product No.	CTLA2A3201
Ref. No.	GSE910
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER16M



3-spindle drilling/ milling unit

Product No.	CTLA2A3204
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



3-spindle drilling/ milling unit 

Product No.	CTLA2A3205
Ref. No.	GSA107
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



3-spindle double drilling/ milling unit

Product No.	CTLA2B3203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A/ER11M



3-spindle double drilling/ milling unit

Product No.	CTLA2B3204
Ref. No.	GSE1007
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11A



3-spindle double drilling/ milling unit

Product No.	CTLA2B3205
Ref. No.	GSE1307
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11A



2 spindle axial drilling/ milling unit

Product No.	CTLA111203
Ref. No.	GSC-1607
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11A

L Series



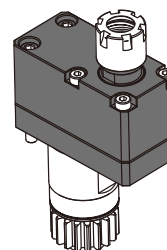
Cross drilling/milling unit

Product No.	CTAA116201
Ref. No.	GSC1310/GSC1110
Speed ratio	1:1
RPM Max.	7000
Tool clamping	ER16AM



Cross drilling/milling unit

Product No.	CTAA116202
Ref. No.	GSC1310
Speed ratio	1:1
RPM Max.	7000
Tool clamping	Ø10.5/M10x1.5



Axial drilling/milling unit

Product No.	CTAA116206
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	CTLA116201
Ref. No.	GSC1210
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	CTLA116202
Ref. No.	GSC510/GSC1010
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Cross drilling/milling unit

Product No.	CTLA116203
Ref. No.	GSC1210
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16



Cross drilling/milling unit

Product No.	CTLA116301
Ref. No.	GSC310
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Cross drilling/milling unit

Product No.	CTLA111202
Ref. No.	GSC907
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	CTLA111206
Ref. No.	GSC507-3X
Speed ratio	1:3 ⚙️
RPM Max.	18000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	CTLA111208
Ref. No.	GSE307
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER11A

L Series



Cross drilling/milling unit

Product No.	CTAA111201
Ref. No.	GSC1310/GSC1110
Speed ratio	1:4 
RPM Max.	24000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	CTAA116301
Ref. No.	GSC1310
Speed ratio	1:1
RPM Max.	7000
Tool clamping	Ø10.5/M10x1.5



Cross drilling/milling unit

Product No.	CTAA120301
Ref. No.	GSC1310
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Cross drilling/milling unit

Product No.	CTLA111101
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



Cross drilling/milling unit

Product No.	CTLA111303
Ref. No.	—
Speed ratio	1:3 
RPM Max.	18000
Tool clamping	ER11A



Boring bar holder

Product No.	CTLA802206
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder 

Product No.	CTLA803208
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA804101
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA804301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Drill holder

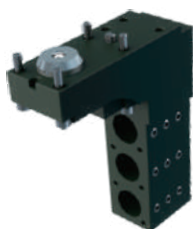
Product No.	CTLA804302
Ref. No.	GDF1601
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Drill holder

Product No.	CTLA804303
Ref. No.	GDF1601
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4

L Series



Boring bar holder

Product No.	CTLA803305/CTLA803304
Ref. No.	GDF1601
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4 / Ø25



Boring bar holder

Product No.	CTLA803302
Ref. No.	GDF1207
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA803303
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø20



Boring bar holder

Product No.	CTLA802202
Ref. No.	GDF508
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA801201
Ref. No.	GDF506
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA802201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA803202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA803203/CTLA803210
Ref. No.	GDF506
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05 / Ø20



Boring bar holder

Product No.	CTLA803204/CTLA803206
Ref. No.	GDF507
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05 / Ø20



Boring bar holder

Product No.	CTLA803205/CTLA803207
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø20 / Ø19.05



Boring bar holder

Product No.	CTLA803101
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Boring bar holder

Product No.	CTLA803201
Ref. No.	GDF607
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05

L Series



Sub Spindle Boring Bar Holder

Product No.	CTLB82B206~216
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø6/8/10/12/16



Sub Spindle Boring Bar Holder

Product No.	CTLB82Q206~216
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø6/8/10/12/16



Sub Spindle Boring Bar Holder

Product No.	CTLB82C206~216
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø6/8/10/12/16



Drill holder for sub spindle

Product No.	CTLB81Q201
Ref. No.	GDS107
Speed ratio	—
RPM Max.	—
Tool clamping	ER11A



Drill holder for sub spindle

Product No.	CTLB81Q202
Ref. No.	GDS210
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M



Drill holder for sub spindle

Product No.	CTLB81Q203
Ref. No.	GDS210
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M



Drill holder for sub spindle

Product No.	CTLB81Q204
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER20M



Drill holder for sub spindle

Product No.	CTLB82Q201/CTLB82Q202
Ref. No.	SAU919
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05/Ø20



Drill holder for sub spindle

Product No.	CTLB81Q301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER16A



Drill holder for sub spindle

Product No.	CTLB82Q301/CTLB82Q302
Ref. No.	SAU825
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25.4/Ø16



Drill holder for sub spindle

Product No.	CTLB82Q306
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø16



Drill holder for sub spindle

Product No.	CTLB81C201
Ref. No.	GDE10254
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M

L Series



Turning holder

Product No.	CTLA900035
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	 VC.T1103



Turning holder

Product No.	CTLA900055
Ref. No.	GTF3712
Speed ratio	—
RPM Max.	—
Tool clamping	 DC.T1103



Turning holder

Product No.	CTLA900060
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	TGF32R 175 PR930



Turning holder

Product No.	CTLA910101
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 10



Turning holder

Product No.	CTLA912201
Ref. No.	GTF6312
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 12



Turning holder

Product No.	CTLA912301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 12



Turning holder

Product No.	CTLA913201
Ref. No.	GTF6313
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 12.7



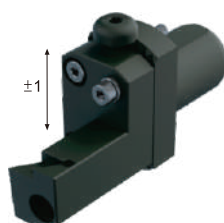
Turning holder for sub spindle

Product No.	CTLB912201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 12



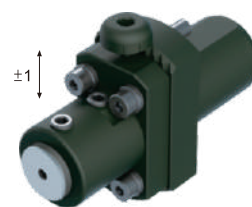
Turning holder for sub spindle

Product No.	CTLB912301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 12



Turning holder for sub spindle

Product No.	CTLBA25000+COMBADL550
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	 DC.T11T3



Boring bar holder for sub spindle

Product No.	CTLBA25000+COMBAB0000
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø3/4/5/6/8/9/10/12/16

L Series



Drilling/milling unit for sub spindle 1:2

Product No.	CTLB111203
Ref. No.	MSC-507
Speed ratio	1:2 
RPM Max.	12000
Tool clamping	ER11A



Drilling/milling unit for sub spindle

Product No.	CTLB111202
Ref. No.	GSE3307/GSE3507/MSC507
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11A



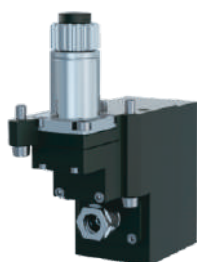
Drilling/milling unit for sub spindle

Product No.	CTLB111206
Ref. No.	MSC507
Speed ratio	1:4 
RPM Max.	24000
Tool clamping	ER11A



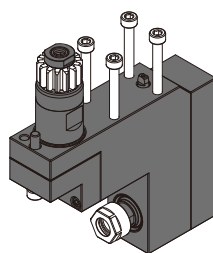
Drilling/milling unit for sub spindle

Product No.	CTLB116201
Ref. No.	MSC512
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Cross drilling/milling unit for sub spindle

Product No.	CTLB311205
Ref. No.	GSS1330/GSS1430/GSS1530
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

Product No.	CTLB311207
Ref. No.	—
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

Product No.	CTLB316202
Ref. No.	GSC1507
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER16A



Cross drilling/milling unit for sub spindle

Product No.	CTLB316301
Ref. No.	GSE1910
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16AM



Slotting unit for sub spindle

Product No.	CTLB700201
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø6/ 8 /12.7xØ35



Idler shaft

Product No.	CTLA100000
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	—



Idler shaft

Product No.	CTLA100001
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	—

A Series



Drill holder (deep hole)

Product No.	CTAA802201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M



3-spindle double drilling/milling unit

Product No.	CTAA2B3301
Ref. No.	GSE1710
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER16AM



Drilling/milling unit for sub spindle

Product No.	CTLB111208
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



※Option: cutter

Polygon unit

Product No.	CTAA400201
Ref. No.	—
Speed ratio	1:1
RPM Max.	5000
Tool clamping	—



Boring bar holder

Product No.	CTAA803201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø20



Boring bar holder

Product No.	CTAA803202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø19.05



Gear hobbing unit

Product No.	CTAA608202
Ref. No.	—
Speed ratio	—
RPM Max.	3000
Tool clamping	Ø25xØ8x15



Drill holder for sub spindle 

Product No.	CTAB81Q201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M



Sub Spindle Boring Bar Holder

Product No.	CTAB82Q201/CTAB82Q202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø 25.4/25



MIYANO

■ BND,BNE,BNJ,ABX



Axial drilling/milling unit

Product No.	BM45MI1A0101
Ref. No.	2X785600
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	BM45MI1A0106
Ref. No.	1X783000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	BM45MI1A0202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



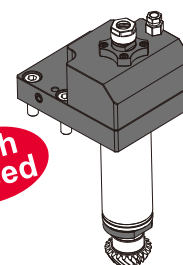
Radial drilling/milling unit 25bar

Product No.	BM45MI1B0101
Ref. No.	2X785600/2W785550
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	BM38MI1A0103
Ref. No.	DV70B001
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



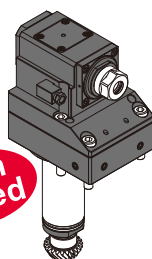
Axial drilling/milling unit

Product No.	BM38MI1A0108
Ref. No.	DV70B001
Speed ratio	1:3
RPM Max.	9000
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	BM38MI1B0104
Ref. No.	DV70A000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	BM38MI1B0109
Ref. No.	DV70A000-3X
Speed ratio	1:3
RPM Max.	9000
Tool clamping	ER16A



Axial drilling/milling unit

Product No.	BM45MI1A0102
Ref. No.	2K700000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	BM45MI1A0108
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM

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Axial drilling/milling unit

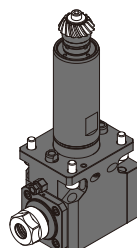
Product No.	BM45MI1A0109
Ref. No.	2X785600
Speed ratio	1:3.05 
RPM Max.	18300
Tool clamping	ER20A



 25bar

Radial drilling/milling unit

Product No.	BM45MI1B0102
Ref. No.	2K701000
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER20A



Double Radial drilling/milling unit

Product No.	BM45MI1B0108
Ref. No.	2K703000
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER20A/ER11A



Radial drilling/milling unit

Product No.	BM45MI1B0202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Universal drilling/milling unit

Product No.	BM45MI1H1802
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20M



Axial drilling/milling unit

Product No.	BM54MI1A0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



 25bar

Radial drilling/milling unit

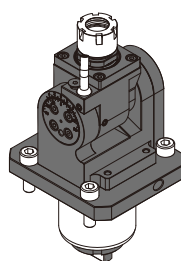
Product No.	BM54MI1B0104
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



 25bar

Radial drilling/milling unit

Product No.	BM54MI1B0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Universal drilling/milling unit

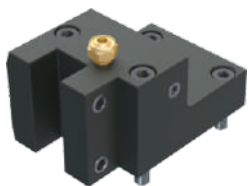
Product No.	BM54MI1H1802
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20M



Boring bar holder 

Product No.	BM45MI2D1302
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø32

BND,BNE,BNJ,ABX



Turning holder

Product No.	BM45MI2A2001
Ref. No.	1X780100
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Turning holder

Product No.	BM45MI2A2005
Ref. No.	1X780200
Speed ratio	—
RPM Max.	—
Tool clamping	□20



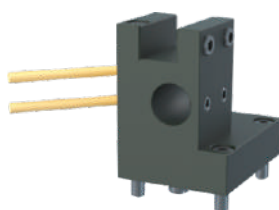
Turning holder

Product No.	BM45MI2B2001
Ref. No.	1X784600
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Turning holder

Product No.	BM45MI2B2002
Ref. No.	1X784100
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Multiple holder

Product No.	BM45MI2E0001
Ref. No.	1X780500
Speed ratio	—
RPM Max.	—
Tool clamping	□20 Ø25



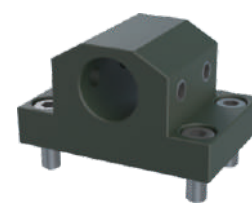
Boring bar holder

Product No.	BM45MI2D2501
Ref. No.	1X780600
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Turning holder

Product No.	BM38MI2A2006
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Boring bar holder

Product No.	BM38MI2D1501
Ref. No.	2K749001
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder for sub spindle

Product No.	BM38MI2D2503
Ref. No.	DV73B000
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Turning holder

Product No.	BM45MI2A2003
Ref. No.	6M780100
Speed ratio	—
RPM Max.	—
Tool clamping	—



Turning holder (cut-off)

Product No.	BM45MI2A2004
Ref. No.	2X782401
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Turning holder (Cut-off)

Product No.	BM45MI2A2006
Ref. No.	2X782401
Speed ratio	—
RPM Max.	—
Tool clamping	□20x12

BNA



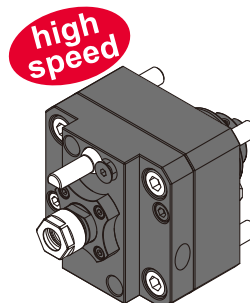
Cross drilling/milling unit

Product No.	BM38MI1A0104
Ref. No.	CG70J000/CG70A000
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Axial drilling/milling unit

Product No.	BM38MI1A0106
Ref. No.	CG70J000
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER20A



Cross drilling/milling unit

Product No.	BM38MI1A0107
Ref. No.	CG70A000
Speed ratio	1:3 ⬆
RPM Max.	24000
Tool clamping	ER11A



Axial drilling/milling unit

Product No.	BM38MI1A0201
Ref. No.	CL70A000/CL70C000
Speed ratio	1:1.66 ⬆
RPM Max.	6000
Tool clamping	ER11A



Radial drilling/milling unit

Product No.	BM38MI1B0101
Ref. No.	CG70D000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit 25bar

Product No.	BM38MI1B0102
Ref. No.	CG70C000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	BM38MI1B0105
Ref. No.	CG70C000 /CG70L000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Double Radial drilling/milling unit

Product No.	BM38MI1B0106
Ref. No.	CG70E000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16-NUT



Radial drilling/milling unit

Product No.	BM38MI1B0201
Ref. No.	CG70E000 /CG70N000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Radial drilling/milling unit

Product No.	BM38MI1B0202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11



Radial drilling/milling unit

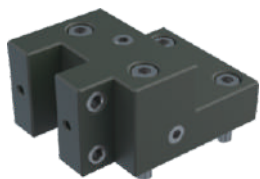
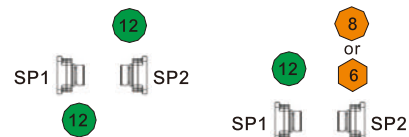
Product No.	BM38MI1B0205
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Turning holder (Cut-off)

Product No.	BM38MI2A2001
Ref. No.	CG73C000
Speed ratio	—
RPM Max.	—
Tool clamping	□20

BNA



Turning holder

Product No.	BM38MI2A2003
Ref. No.	CG73M000
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20



Turning holder

Product No.	BM38MI2B2001
Ref. No.	CL73A001
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20



Turning holder

Product No.	BM38MI2B2002
Ref. No.	CG73L000
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20



Boring bar holder

Product No.	BM38MI2D2501
Ref. No.	CG73P000
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	BM38MI2D2504
Ref. No.	7S780400
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	BM38MI2D3501
Ref. No.	CG73E000
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	BM38MI2D4501
Ref. No.	CL73B000
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25

BNC



Turning holder

Product No.	BM38MI2A2005
Ref. No.	7S780100
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20



Turning holder

Product No.	BM38MI2A2004
Ref. No.	7S780200
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20

BNX



Radial drilling/milling unit

Product No.	BM45MI1B0203
Ref. No.	CG70E000
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16NUT

CB



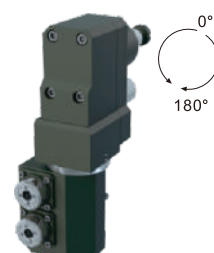
Gear hobbing unit

Product No.	CCBA610301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Ø10xØ30x20



Cross drilling/milling unit, 2-spindle

Product No.	CCBA116301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



2-spindle drilling/milling unit

Product No.	CCBA2A2301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11



4-spindle double drilling/milling unit

Product No.	CCBA2B4301
Ref. No.	—
Speed ratio	1:2 
RPM Max.	6000
Tool clamping	ER20M*4/ER16M*4+Ø25*5



5-spindle double drilling/milling unit

Product No.	CCBA2B5301
Ref. No.	—
Speed ratio	1:2 
RPM Max.	6000
Tool clamping	ER16A*5/ER11A*5+Ø25*5



5-spindle double drilling/milling unit

Product No.	CCBA2B5302
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A*5/ER11A*5+Ø25*5



Slotting unit for sub spindle

Product No.	CCBB700301
Ref. No.	—
Speed ratio	1:0.75 
RPM Max.	3000
Tool clamping	Ø6/12.7xØ45



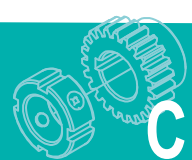
Cross drilling/milling unit for sub spindle

Product No.	CCBB316301
Ref. No.	—
Speed ratio	1:1
RPM Max.	5000
Tool clamping	ER16



Cross drilling/milling unit, 2-spindle

Product No.	CCBA111302
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11A



CB



Turning holder for sub spindle

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

CCBB912301

—
—
—
—
□12



Turning holder for sub spindle

CCBB912302

—
—
—
—
□12



Turning holder for sub spindle

CCBB916301

—
—
—
—
□16



Drill holder for sub spindle

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

CCBB81Q302

—
—
—
—
ER20A



Boring bar holder for sub spindle

CCBB82Q302

—
—
—
—
Ø12



Drill holder for sub spindle

CCBB82Q301

—
—
—
—
Ø25

SY2-45

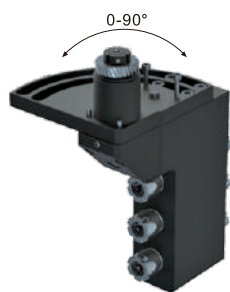


Drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

CCSA2B3401

—
1:1
6000
ER20M



Drilling/milling unit, Angle adj. 0~90°

CCSA2B3402

—
1:1
6000
ER20M



Cross drilling/milling unit for sub spindle

CCSB320401

—
1:1.026
6000
ER20M



Slotting unit for sub spindle

CCSB712401

—
1:1.026
6000
Ø12.7xØ70

CT-52YM



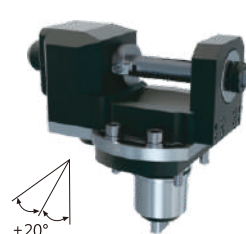
Axial drilling/milling unit

Product No.	BM65NK1A0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



Axial drilling/milling unit

Product No.	BM65NK1A0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



Gear hobbing unit

Product No.	BM65NK1F2221
Ref. No.	—
Speed ratio	2:1
RPM Max.	3000
Tool clamping	Ø22.225xØ80x80



Radial drilling/milling unit

Product No.	BM65NK1B0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



Radial drilling/milling unit

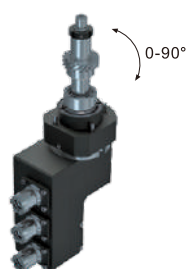
Product No.	BM65NK1B0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



Universal drilling/milling unit

Product No.	BM65NK1H1801
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20

CY2-52



Drilling/milling unit

Product No.	CCYA2A3502
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Drilling/milling unit

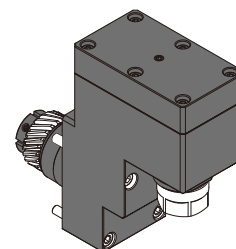
Product No.	CCYA2A3503
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M

SY2-42E



Cross drilling/milling unit for sub spindle

Product No.	CCSB316401
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Cross drilling/milling unit for sub spindle

Product No.	CCSB316402
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A

YB Series



Tool holder

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

NUYA0001

—
—
—
—



Cross drilling/milling unit

NUYA120201

—
1:1
6000
ER20M



2-spindle drilling/milling unit

NUYA2A2301

—
1:1
6000
ER16M



Drill holder for sub spindle (deep hole)

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

NUYB81Q305

—
—
—
ER20M



Drilling/milling unit for sub spindle

NUYB111301

—
1:1
6000
ER11M

Other



3-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

NUJA2A3201

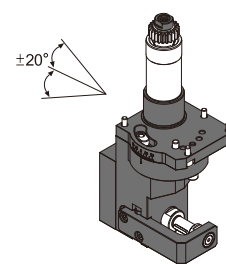
—
1:1
6000
ER11A



Cross drilling/milling unit

NUBA108201

—
1:1
6000
ER8M

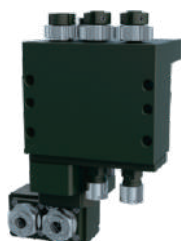


Gear hobbing unit

NUJA610201

—
1:1
4000
Ø 10

SB Series



4-spindle drilling/milling unit

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

NUSA2A4101

—
1:1
6000
ER11



Cross drilling/milling unit, 3-spindle

NUSA111102

—
1:1
6000
ER11M



2-spindle drilling/milling unit

NUSA2A2102

—
1:1
6000
ER11



Cross drilling/milling unit, 2-spindle

NUSA116101

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

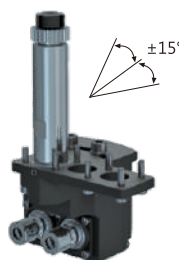
—
1.59:1 
6000
ER16M



Cross drilling/milling unit, 3-spindle

NUSA116102

—
1:1
6000
ER16M



Drilling/milling unit, Angle adj. 0~90°

NUSA2A2101

—
1:1
6000
ER11M



Slotting unit for sub spindle 

NUSB706101

—
1:0.55 
4000
Ø5/Ø6/Ø8/Ø10/Ø12.7/Ø13

UB Series



Drill holder for sub spindle

NUUB81Q202

Product No.
Ref. No.
Speed ratio
RPM Max.
Tool clamping

—
—
—
—
ER16M



Drill holder for sub spindle

NUUB81Q204

—
—
—
—
ER16M



Sub Spindle Boring Bar Holder

NUUB82A200

—
—
—
—
Ø6/8/10/12

■ UB Series



Cross drilling/milling unit

Product No.	NUUA116204
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Cross drilling/milling unit

Product No.	NUUA116201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Idler shaft

Product No.	NUUA100000
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	—



3-spindle drilling/milling unit

Product No.	NUUA2A3202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11M



Sub Spindle Boring Bar Holder

Product No.	NUUB82Q206
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø6



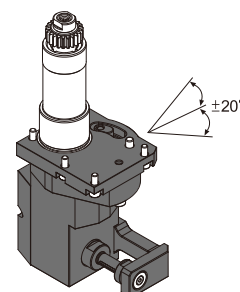
Drilling/milling unit

Product No.	NUJA2A1201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11M



Axial drilling/milling unit

Product No.	NUUA116202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Gear hobbing unit 

Product No.	NUBA606201/NUBA608201
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø6 Ø8

■ Back Processing Static Tool Holder Shaft: Ø22, Ø23



Drill holder for sub spindle

Product No.	NUUB81Q201/NUUB81Q203
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22 / Ø23
Tool clamping	ER16M



Drill holder for sub spindle

Product No.	NUYB81Q301/NUYB81Q302
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22 / Ø23
Tool clamping	ER16M



Drill holder for sub spindle (deep hole)

Product No.	NUYB81Q304/NUYB81Q303
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22 / Ø23
Tool clamping	ER16M



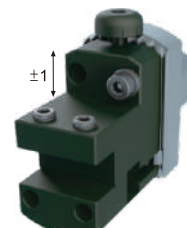
Drill holder for sub spindle

Product No.	KDA22016025MA/KDA23016025M
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22 / Ø23
Tool clamping	ER16M



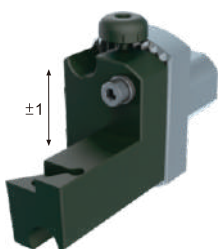
Turning holder for sub spindle

Product No.	NUUB910201/NUUB910202
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22 / Ø23
Tool clamping	□10



Turning holder for sub spindle 

Product No.	NUUBA22000+COMBAC1000
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22
Tool clamping	□10



Turning holder for sub spindle 

Product No.	NUUBA22000+COMBADL550
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22
Tool clamping	 DC..11T3



Turning holder for sub spindle 

Product No.	NUUBA22000+COMBADR550
Ref. No.	—
Speed ratio	—
RPM Max.	Ø22
Tool clamping	 DC..11T3

XD20H



Cross drilling/milling unit

Product No.	HWDA116201
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Cross drilling/milling unit

Product No.	HWDA116203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



2-spindle drilling/milling unit

Product No.	HWDA2A2201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



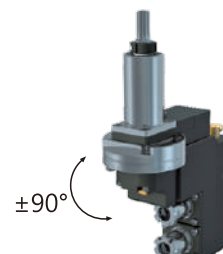
3-spindle drilling/milling unit

Product No.	HWDA2A3201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



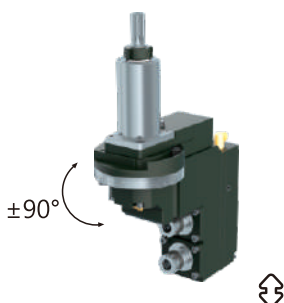
3-spindle double drilling/milling unit

Product No.	HWDA2B3202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M



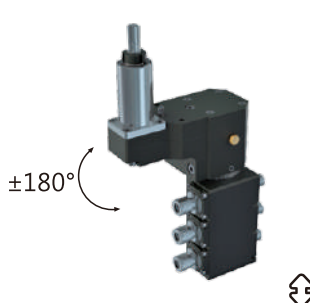
Drilling/milling unit, Angle adj. 0~90°

Product No.	HWDA2A2202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M



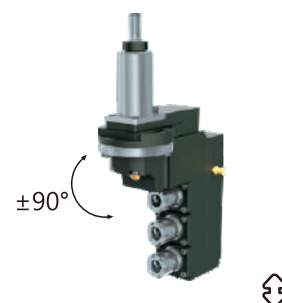
2-spindle drilling/milling unit

Product No.	HWDA2A2203
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M



3-spindle double drilling/milling unit

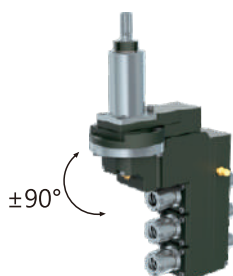
Product No.	HWDA2B3209
Ref. No.	HWX591300
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M/ER8M



3-spindle drilling/milling unit

Product No.	HWDA2A3202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M

XD20H



3-spindle double drilling/milling unit

Product No.	HWDA2B3204
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16M/ER11M



Drilling/milling unit for sub spindle

Product No.	HWDB116201
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A



Cross drilling/milling unit for sub spindle

Product No.	HWDB311201
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

Product No.	HWDB311202
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11A



Cross drilling/milling unit for sub spindle

Product No.	HWDB316202
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	ER16A



Slotting unit for sub spindle

Product No.	HWDB700201
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	鋸片 Ø5/6/8/10/12.7/13xØ50



Thread whirling unit

Product No.	HWDA545205
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287



Boring bar holder

Product No.	HWDA803201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	HWDA803202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Turning holder

Product No.	HWDA912201
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 12



Turning holder

Product No.	HWDA912202
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□ 12

XD20HII



Cross drilling/milling unit

Product No.	HWDA116202
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16A



Cross drilling/milling unit

Product No.	HWDA116204
Ref. No.	—
Speed ratio	1:3 
RPM Max.	18000
Tool clamping	ER11A



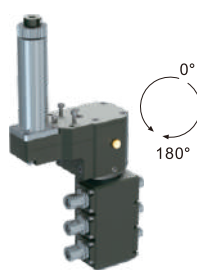
3-spindle drilling/milling unit

Product No.	HWDA2A3203
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



3-spindle double drilling/milling unit

Product No.	HWDA2B3207
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M



3-spindle double drilling/milling unit 

Product No.	HWDA2B3208
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER11M/ER8M



Slotting unit for sub spindle 

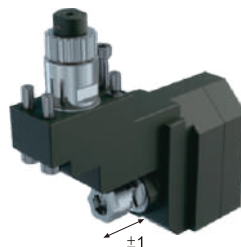
Product No.	HWDB700202
Ref. No.	—
Speed ratio	1:0.55 
RPM Max.	4000
Tool clamping	Ø6/12.7/13xØ50

XD12H



Slotting unit for sub spindle

Product No.	HWDB700101
Ref. No.	—
Speed ratio	1:0.55 
RPM Max.	4000
Tool clamping	Ø5/6/8/10/12.7/13xØ50



Cross drilling/milling unit for sub spindle 

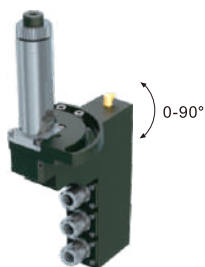
Product No.	HWDB311101
Ref. No.	—
Speed ratio	1:0.55 
RPM Max.	4000
Tool clamping	ER11A



Drilling/milling unit for sub spindle

Product No.	HWDB111101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER11

XD32H



3-spindle drilling/milling unit

Product No.	HWDA2A3301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



3-spindle drilling/milling unit

Product No.	HWDA2A3302
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



3-spindle double drilling/milling unit

Product No.	HWDA2B3302
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M



Cross drilling/milling unit for sub spindle

Product No.	HWDB316301
Ref. No.	—
Speed ratio	1:0.77
RPM Max.	4000
Tool clamping	ER16A



Slotting unit for sub spindle

Product No.	HWDB700301
Ref. No.	—
Speed ratio	1:0.77
RPM Max.	4000
Tool clamping	Ø5/6/8/10/12.7/13xØ60



Slotting unit for sub spindle

Product No.	HWDB700302
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	Ø5/6/8/10/12.7/13xØ50

XD-20IIV



Slotting unit for sub spindle

Product No.	HWDB700202
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	Ø6/8/10/12.7/13xØ50



Cross drilling/milling unit for sub spindle

Product No.	HWDB316203
Ref. No.	—
Speed ratio	1:0.55
RPM Max.	4000
Tool clamping	ER16A



Drilling/milling unit for sub spindle

Product No.	HWDB116202
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER16A

XD-20II/26II

■ XD-35N



3-spindle drilling/milling unit

Product No.	HWDA2A3303
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



3-spindle double drilling/milling unit

Product No.	HWDA2B3304
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M

XD-07



Polygon unit

Product No.	HWDA400101
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	Ø8



Polygon unit

Product No.	HWDA411101
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER11M

XD-20V



Cross drilling/milling unit for sub spindle

Product No.	HWDB316201
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M

XD-10



Drill holder for sub spindle

Product No.	HWDB81Q104
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	ER16M



Sub Spindle Boring Bar Holder

Product No.	HWDB82Q017
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø16

XD-26H



Cross drilling/milling unit

Product No.	HWDA111202
Ref. No.	—
Speed ratio	1:3 ⬆
RPM Max.	18000
Tool clamping	ER11A

JSL-20RB/RBY



3-spindle double drilling/milling unit

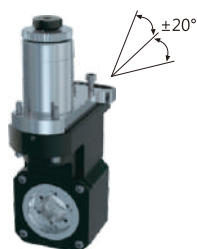
Product No.	JSSA2B3401
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M



3-spindle double drilling/milling unit ↕

Product No.	JSSA2B3402
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M

JSL-42RB/RBY



Thread whirling unit ↕

Product No.	JSSA545401
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Utilis no.119287



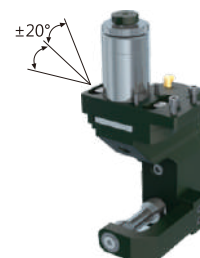
Slotting unit

Product No.	JSSA712401
Ref. No.	—
Speed ratio	1:0.374 ↕
RPM Max.	4000
Tool clamping	Ø12.7xØ100



Slotting unit

Product No.	JSSA725401
Ref. No.	—
Speed ratio	1:0.374 ↕
RPM Max.	4000
Tool clamping	Ø25.4xØ110



Gear hobbing unit ↕

Product No.	JSSA616401
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	Ø16xØ40x42



Drilling/milling unit for sub spindle

Product No.	JSSB120401
Ref. No.	—
Speed ratio	1:1
RPM Max.	8000
Tool clamping	ER20M



Cross drilling/milling unit for sub spindle ↕

Product No.	JSSB316401
Ref. No.	—
Speed ratio	1:1
RPM Max.	4000
Tool clamping	ER16A



Cross drilling/milling unit for sub spindle

Product No.	JSSB316402
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M



Cross drilling/milling unit for sub spindle

Product No.	JSSB316403
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M

BMT-45



Cross drilling/milling unit

Product No.	BM45DS1A0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit  25bar

Product No.	BM45DS1B0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM

BMT-55



 30bar

Radial drilling/milling unit

Product No.	BM55DS1B0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	BM55DS1B0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Axial drilling/milling unit

Product No.	BM55DS1A0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Turning holder (cut-off)

Product No.	BM55DS2A2501
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□25



Turning holder

Product No.	BM55DS2A2503
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□25



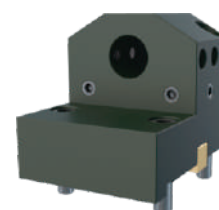
Turning holder

Product No.	BM55DS2A2502
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□25



Boring bar holder

Product No.	BM55DS2D1501
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	BM55DS2D1502
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25

BMT-65



Cross drilling/milling unit ☞ 25bar

Product No.	BM65DS1A0102
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32



Radial drilling/milling unit ☞ 25bar

Product No.	BM65DS1B0104
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32



Radial drilling/milling unit ☞ 25bar

Product No.	BM65DS1B0101
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32



Double Radial drilling/milling unit

Product No.	BM65DS1B0105
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM/ER20M

PUMA ST35G/GS



3-spindle double drilling/milling unit

Product No.	DSTA2B3301
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER16M/ER11M

WT-150,AS-200(BMT-55)



Axial drilling/milling unit

Product No.	BM55NK1A0101
Ref. No.	AC1310
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	BM55NK1B0101
Ref. No.	Z1514
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	BM55NK1B0105
Ref. No.	—
Speed ratio	1:2
RPM Max.	12000RPM
Tool clamping	ER16A



Universal drilling/milling unit

Product No.	BM55NK1H1801
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000RPM
Tool clamping	ER20M



Turning holder

Product No.	BM55NK2A2501
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 25



Turning holder (cut-off)

Product No.	BM55NK2A2001
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	☐ 20

WT-100,WY-100(BMT-44)



Axial drilling/milling unit

Product No.	BM44NK1A0104
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	BM44NK1B0105
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER25UM



Radial drilling/milling unit

Product No.	BM44NK1B0104
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A

■ WT-100,WY-100(BMT-44)



Axial drilling/milling unit

Product No.	BM44NK1A0103
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A



Axial drilling/milling unit

Product No.	BM44NK1A0105
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20A

25bar



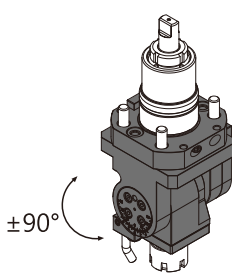
Axial drilling/milling unit

Product No.	BM44NK1A0106
Ref. No.	—
Speed ratio	1:0.5 ↕
RPM Max.	3000
Tool clamping	ER20A



Radial drilling/milling unit

Product No.	BM44NK1B0106
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER32UM



Universal drilling/milling unit

Product No.	BM44NK1H1801
Ref. No.	—
Speed ratio	1:1
RPM Max.	6000
Tool clamping	ER20M

±90°



Double side turning holder 20x20

Product No.	BM44NK2B2002
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Turning holder

Product No.	BM44NK2B2001
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	□20



Boring bar holder

Product No.	BM44NK2D1301
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø 32



Boring bar holder

Product No.	BM44NK2D1501
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Boring bar holder

Product No.	BM44NK2D2501
Ref. No.	—
Speed ratio	—
RPM Max.	—
Tool clamping	Ø25



Turning holder (cut-off)

Product No.	BM44NK2A2001
Ref. No.	C21470
Speed ratio	—
RPM Max.	—
Tool clamping	□20

GLS1500Y/GTW1500Y

SW32/SW42



Sub Spindle Boring Bar Holder

Product No.

GDTB82Q220

Ref. No.

—

Speed ratio

—

RPM Max.

—

Tool clamping

Ø 20



Sub Spindle Boring Bar Holder

GDTB82Q225

—

—

—

Ø 25



Sub Spindle Boring Bar Holder

GDWB82Q306~320

—

—

—

Ø6/8/10/12/16/20

SW32



Cross drilling/milling unit

Product No.

GDWA120301

Ref. No.

LL-30U4A-A00

Speed ratio

1:1

RPM Max.

6000

Tool clamping

ER20



3-spindle drilling/milling unit

GDWA2A3301

—

1:1

8000

ER20M



Drilling/milling unit for sub spindle

GDWB120301

LL-30U4A-A00

1:1

6000

ER20M



Drill holder for sub spindle

GDWB81Q301

—

—

—

ER20M

SW32II



Cross drilling/milling unit for sub spindle

Product No.

GDWB316301

Ref. No.

—

Speed ratio

1:1

RPM Max.

6000

Tool clamping

ER16M

SW20



Drill holder for sub spindle

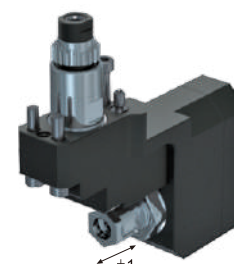
GDWB81Q201

LC-3004

—

—

ER16M



Cross drilling/milling unit for sub spindle

GDWB311201

—

1:1

4000

ER11A



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