



**SONG GIA INDUSTRIAL CO., LTD**












**2021-2022**



***Lathe tool holder ultimate craftsmanship***

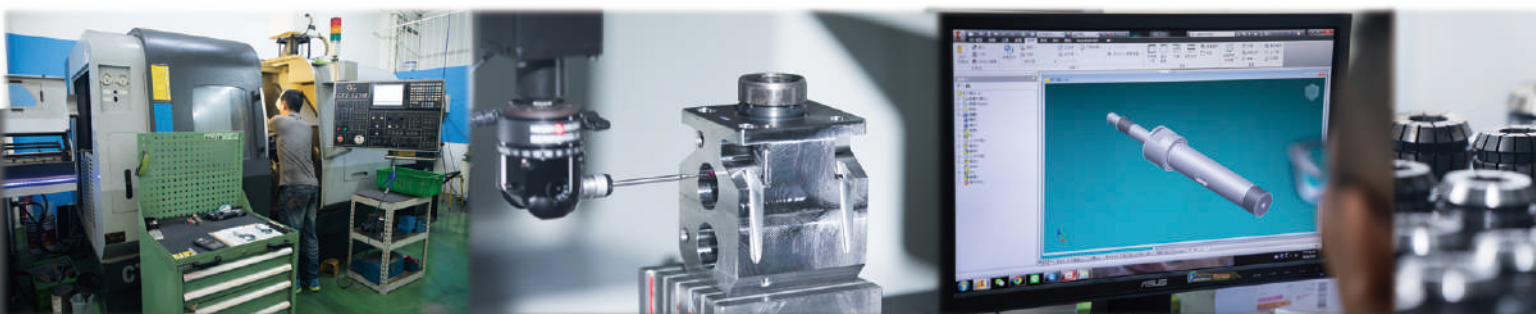
*The combination of quality & efficiency ,  
the challenge of precision & speed*

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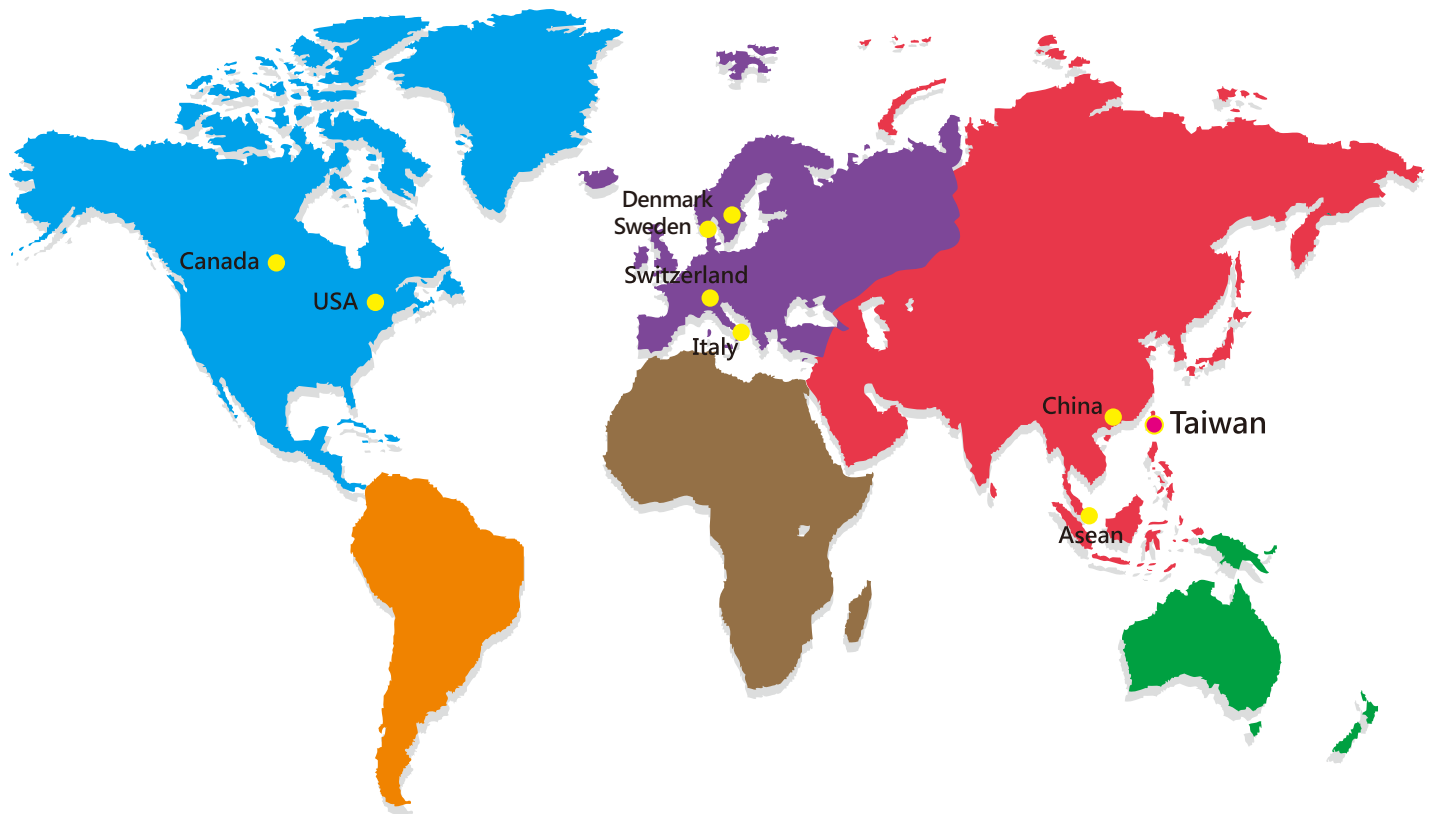
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# Company History

- 1991** ○ Established SONG GIA INDUSTRIAL CO., LTD
- 1992** ○ Founded SONG GIA CO., mainly CAM & CNC automatic lathe parts and peripheral equipments
- 1994** ○ Signed an agency contract with OKUTANI Ltd. , sold Bush & Chuck
- 1995** ○ Business extended, moved to Sec. 4, Tianjin Rd. Taichung City
- 1996** ○ Invested Taiwan Hsin Yue factory, manufacture processing machine
- 1997** ○ Sold disposable turning tools for world –famous brands
- 1999** ○ Cooperated with two European manufacturers Walter & GRAF to develop automatic lathe parts
- 2003** ○ Besides OEM, would develop parts and equipment by ourselves, so bid for land from the municipal government to establish a new company.
- 2005** ○ Moved to Songzhu new office
- 2006** ○ Set up developing department
- 2007** ○ Purchased DMG 5-sided processing machines & Mori Seiki turning/ milling machine
- 2009** ○ Officially released automatic lathe live tool
- 2011** ○ Purchased TMW L03
- 2012** ○ Songzhu new plant completion, VDI、 BMT series formal production and processing
- 2013** ○ Purchased FFG horizontal machining center, Japan Okamoto inner and outer diameter grinding machine
- 2014** ○ Purchased Nakamura AS-200 lathe
- 2016** ○ Purchased MV-500 CNC vertical processing machine、 CHMER slow wire cutting machine
- 2017** ○ Set up Taiping plant, purchased MV-500 CNC vertical processing machine
- 2018** ○ Purchased MV-700 CNC vertical processing machine
- 2019** ○ Set up overseas department & SONG GIA company website

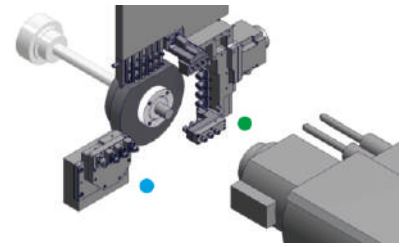


# Agents



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 France Switzerland	 Dal Lago TTC S.r.l.	Via Piave, 16 Altavilla Vicentina (VI), Italia 36077	+39 0444 349030
USA	 Swistek Machinery America	50 Seemans Lane Milford, CT 06460 USA	+1 203 3014848
Canada	 Tool Holder Shop Inc.	200 - 30 Via Renzo Drive, Richmond Hill, ON, L4S 0B8 Canada	+1 905 7872299



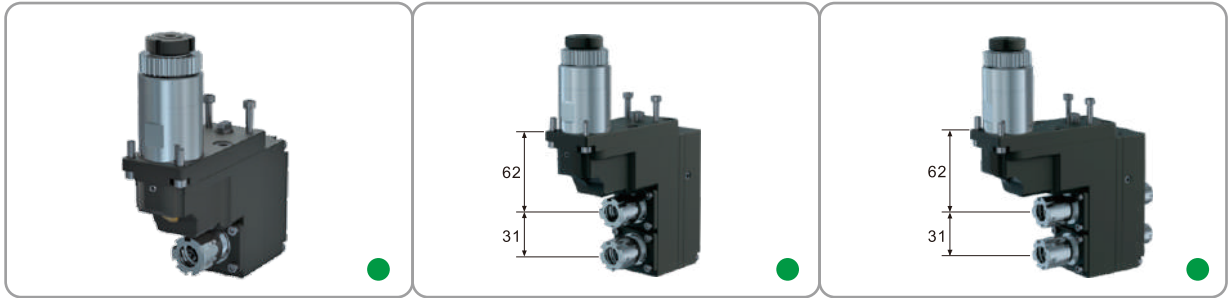


STAR

TSUGAMI

CINCOM

MIYANO



	Drilling/milling unit	2-spindle drilling/milling unit	2-spindle double drilling/milling unit
<b>Product No.</b>	STRA2A1203	STRA2A2204	STRA2B2202
<b>Ref. No.</b>	57151	54151	66159
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M	ER16M/ER11M

CHIAH CHYUN

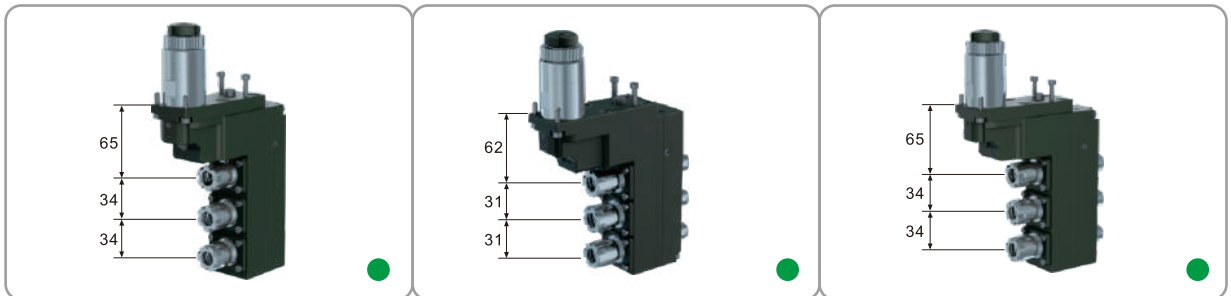
NOMURA



	2-spindle double drilling/milling unit	3-spindle drilling/milling unit	3-spindle drilling/milling unit
<b>Product No.</b>	STRA2B2302	STRA2A3204	STRA2A3201
<b>Ref. No.</b>	10169	—	66151
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	5000	6000	6000
<b>Tool clamping</b>	ER20M/ER16M	ER16M	ER16M

HANWHA

JINNFA

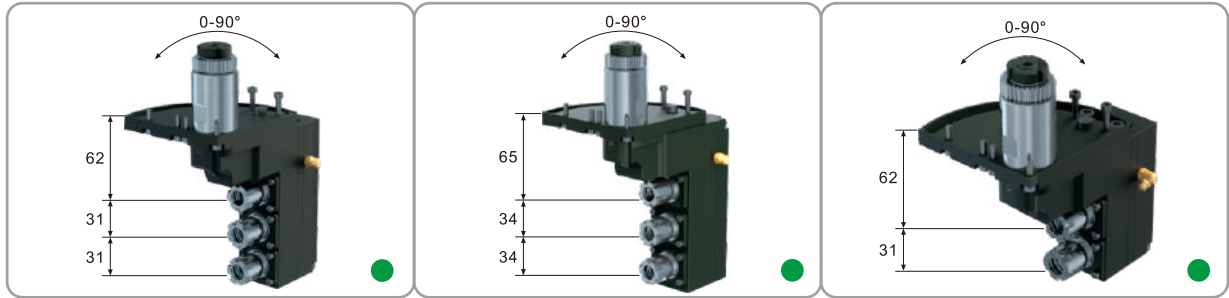
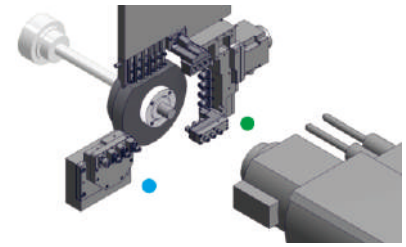


	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	STRA2A3301	STRA2B3201	STRA2B3301
<b>Ref. No.</b>	67151	67161	67159
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M/ER11M	ER16M/ER11M

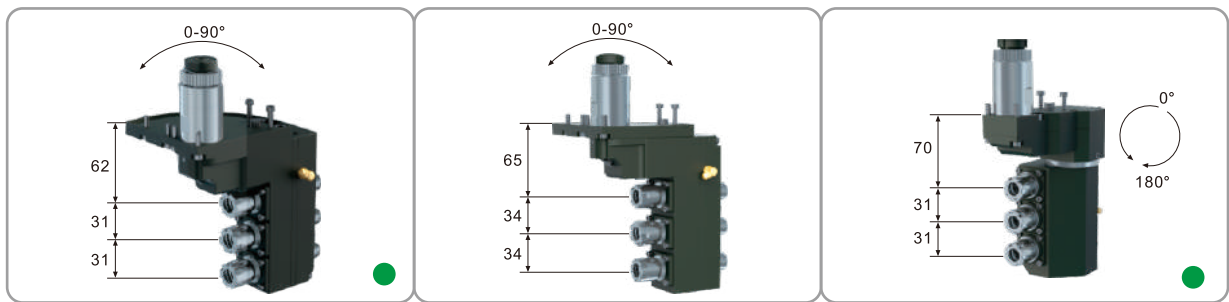
DOOSAN

NAKAMURA

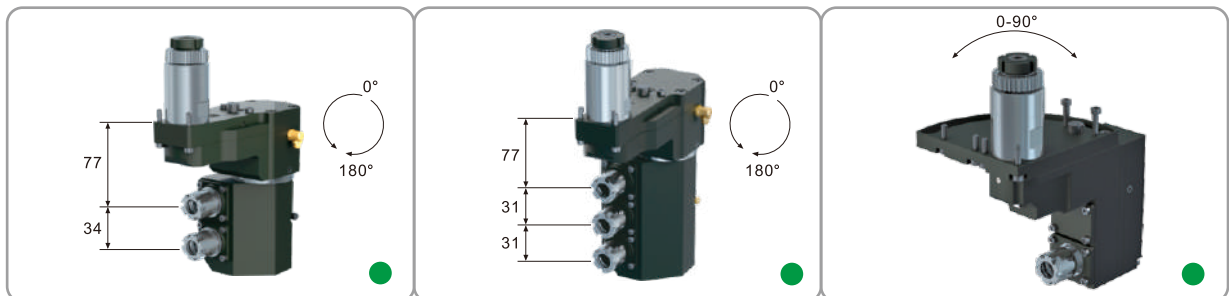
GOODWAY



	<b>3-spindle drilling/milling unit</b> 📏	<b>3-spindle drilling/milling unit</b> 📏	<b>2-spindle drilling/milling unit</b> 📏
<b>Product No.</b>	STRA2A3202	STRA2A3302	STRA2A2202
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M	ER16M

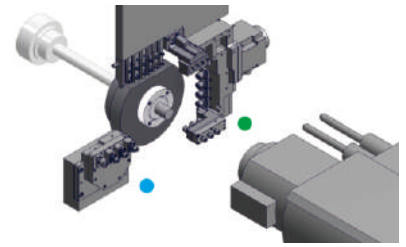


	<b>3-spindle double drilling/milling unit</b> 📏	<b>3-spindle double drilling/milling unit</b> 📏	<b>3-spindle drilling/milling unit</b> 📏
<b>Product No.</b>	STRA2B3202	STRA2B3302	STRA2A3207
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M/ER11M	ER16M/ER11M	ER16M



	<b>2-spindle drilling/milling unit</b> 📏	<b>3-spindle drilling/milling unit</b> 📏	<b>Drilling/milling unit, Angle adj. 0~90°</b> 📏
<b>Product No.</b>	STRA2A2303	STRA2A3203	STRA2A1205
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M	ER16M

STAR  
TSUGAMI  
CINCOM  
MIYANO  
CHIAH CHYUN  
NOMURA  
HANWHA  
JINNFA  
DOOSAN  
NAKAMURA  
GOODWAY



STAR

TSUGAMI

CINCOM

MIYANO

CHIAH  
CHYUN

NOMURA

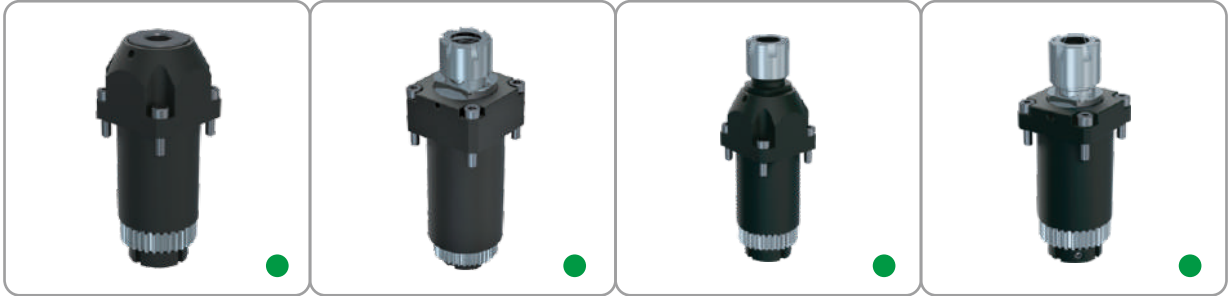
HANWHA

JINNFA

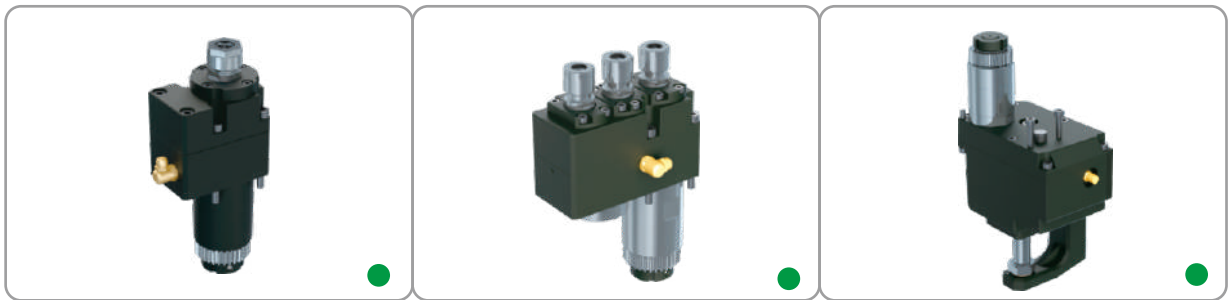
DOOSAN

NAKAMURA

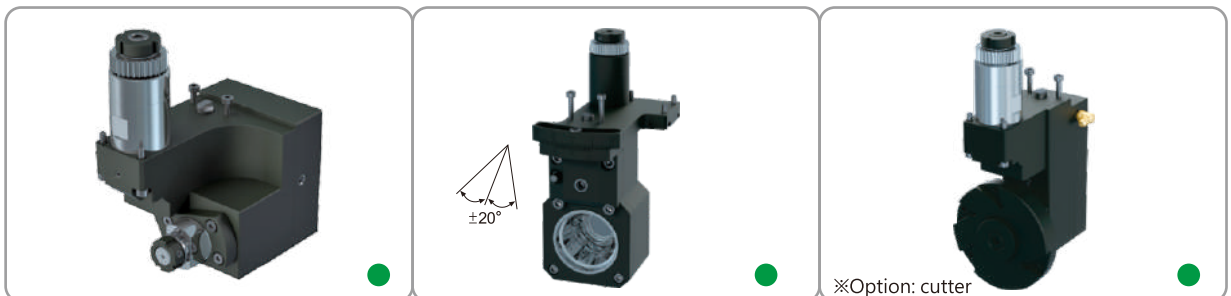
GOODWAY



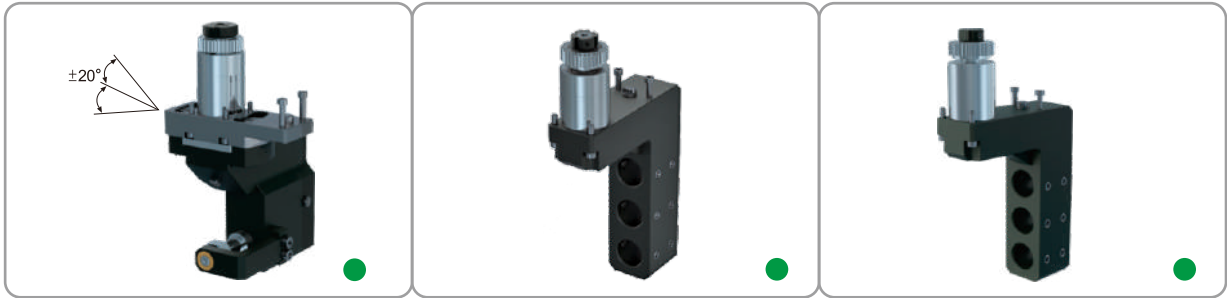
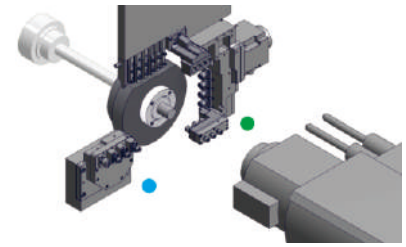
	Axial drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
<b>Product No.</b>	STRA116204	STRA120301	STRA116201	STRA116202 / STRA120201
<b>Ref. No.</b>	—	10168	57155	33150
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	8000	8000
<b>Tool clamping</b>	Ø 10.5/M10x1.5	ER20M	ER16M	ER16M / ER20M



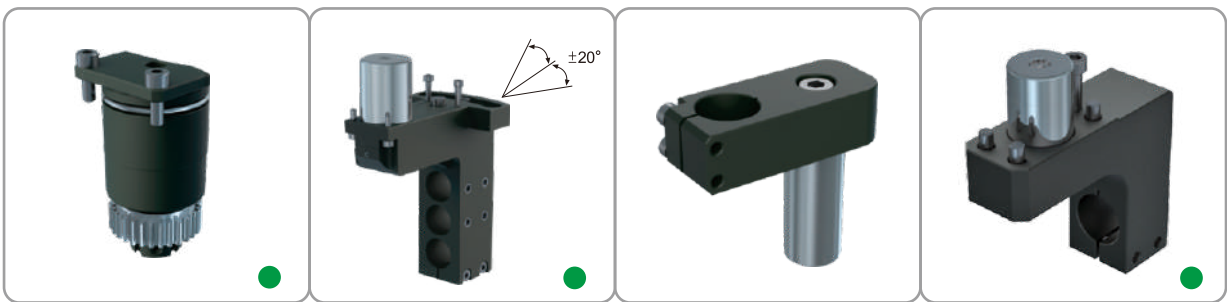
	Cross drilling/milling unit	Cross drilling/milling unit, 3-spindle	Slotting unit
<b>Product No.</b>	STRA111202	STRA111201	STRA712201/STRA706201/STRA713201
<b>Ref. No.</b>	—	—	54153
<b>Speed ratio</b>	1:3 ▲	1:1	1:0.374 ▼
<b>RPM Max.</b>	18000	8000	4000
<b>Tool clamping</b>	ER11A	ER11M	Ø6/Ø12.7/Ø13xØ50



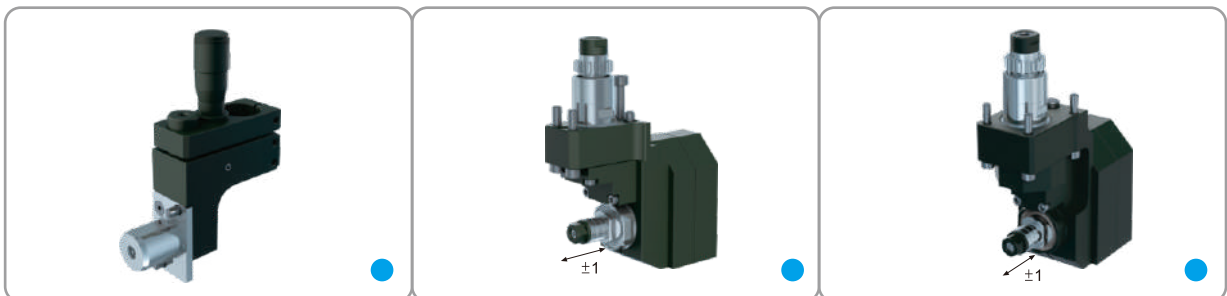
	Slotting unit	Thread whirling unit ▲	Polygon unit
<b>Product No.</b>	STRA713202	STRA545203	STRA400201
<b>Ref. No.</b>	—	68172	54191
<b>Speed ratio</b>	1:0.375	1:1	1:1
<b>RPM Max.</b>	4000	6000	3000
<b>Tool clamping</b>	Ø13xØ50	Utilis no.119287	—



	<b>Gear hobbing unit</b>	<b>Boring bar holder</b>	<b>Boring bar holder</b>
<b>Product No.</b>	STRA613201 /STRA610201	STRA803309	STRA803307
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	—	—
<b>RPM Max.</b>	6000	—	—
<b>Tool clamping</b>	Ø13xØ30x20/Ø10	Ø22	Ø22

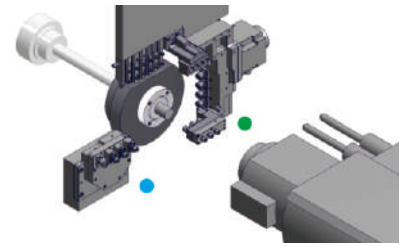


	<b>Idler shaft</b>	<b>Air tool holder</b>	<b>Air tool holder</b>	<b>Air tool holder for sub spindle</b>
<b>Product No.</b>	STRA100000	STRA0002	STBA0004	STRB0003
<b>Ref. No.</b>	57189	—	—	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	—	Ø22	Ø22	Ø20



	<b>Air tool holder for sub spindle</b>	<b>Slotting unit for sub spindle</b>	<b>Slotting unit for sub spindle</b>
<b>Product No.</b>	STRB0001	STRB700201	STRB700202
<b>Ref. No.</b>	—	69166/69165	0R165
<b>Speed ratio</b>	—	1:0.55	1:0.55
<b>RPM Max.</b>	—	4000	4000
<b>Tool clamping</b>	Ø22.8	Ø5/6/8/10/12.7/13xØ50	Ø5/6/8/10/12.7/13xØ50





STAR

TSUGAMI

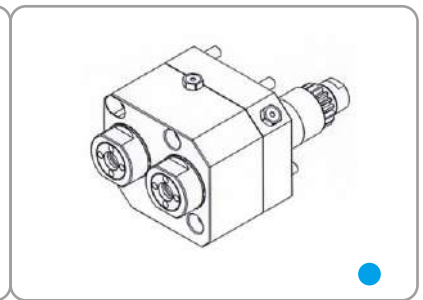
CINCOM

MIYANO



	Drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle
<b>Product No.</b>	STRB116205	STRB111208
<b>Ref. No.</b>	–	54161
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	8000	6000
<b>Tool clamping</b>	M6X1	ER11M

CHIAH CHYUN

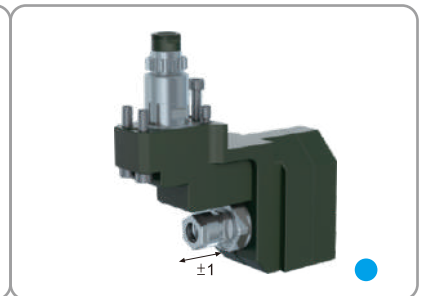


	Drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle
<b>Product No.</b>	STRB116202/STRB116203	STRB116201	STRB111209
<b>Ref. No.</b>	57161	0R161	–
<b>Speed ratio</b>	1:1	1:1	1:3 ↑
<b>RPM Max.</b>	6000	6000	18000
<b>Tool clamping</b>	ER16M/ER16A	ER16M	ER11

NOMURA

HANWHA

JINNFA

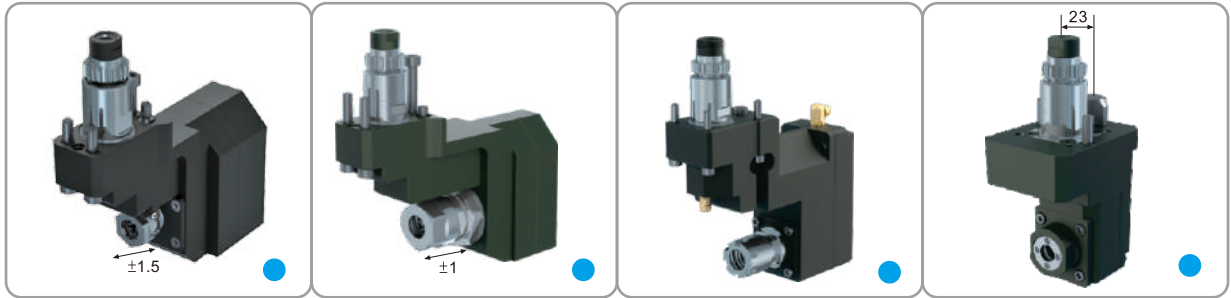
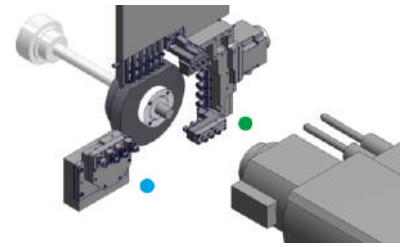


	Drilling/milling unit for sub spindle, 3-spindle	Drilling/milling unit for sub spindle, 3-spindle	Cross drilling/milling unit for sub spindle ⚙
<b>Product No.</b>	STRB108101	STRB111201	STRB311201
<b>Ref. No.</b>	–	0E151	–
<b>Speed ratio</b>	1:1	1:1	1:0.55 ↓
<b>RPM Max.</b>	8000	8000	4000
<b>Tool clamping</b>	ER8M	ER11M	ER11A

DOOSAN

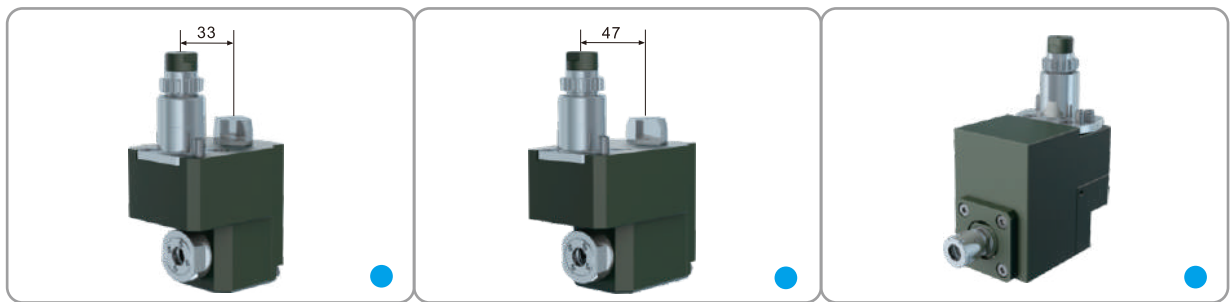
NAKAMURA

GOODWAY



Cross drilling/milling unit for sub spindle    Cross drilling/milling unit for sub spindle ⚙️    Cross drilling/milling unit for sub spindle    Cross drilling/milling unit for sub spindle

<b>Product No.</b>	STRB311205	STRB316202	STRB316201	STRB311101
<b>Ref. No.</b>	—	—	OR151	—
<b>Speed ratio</b>	1:0.55	1:0.77 ↓	1:1	1:1
<b>RPM Max.</b>	4000	4000	6000	6000
<b>Tool clamping</b>	ER11A	ER16A	ER16M	ER11(内螺帽)



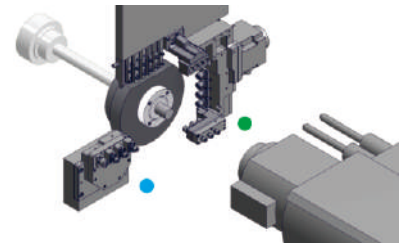
Cross drilling/milling unit for sub spindle    Cross drilling/milling unit for sub spindle    Cross drilling/milling unit for sub spindle

<b>Product No.</b>	STRB311204	STRB311301	STRB311203
<b>Ref. No.</b>	—	—	0E152
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	8000
<b>Tool clamping</b>	ER11	ER11	ER11M



Drilling/milling unit for sub spindle    Drilling/milling unit for sub spindle    Drilling/milling unit for sub spindle

<b>Product No.</b>	STRB111203	STBB111201	STRB111301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	8000
<b>Tool clamping</b>	ER11(内螺帽)	ER11M	ER11

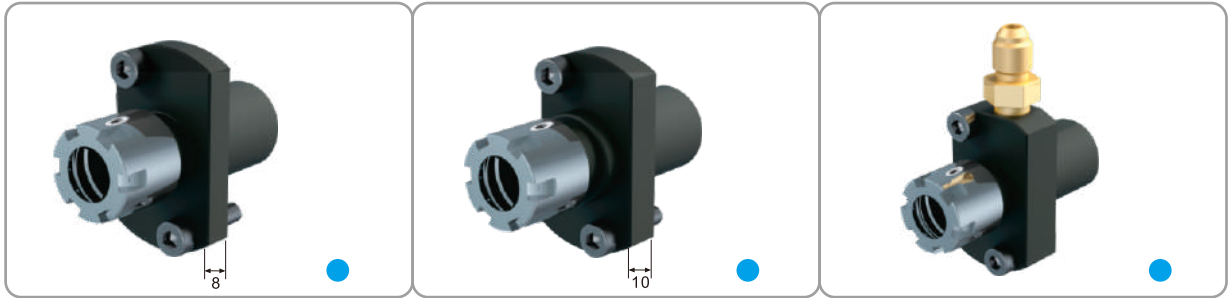



STAR

TSUGAMI

CINCOM

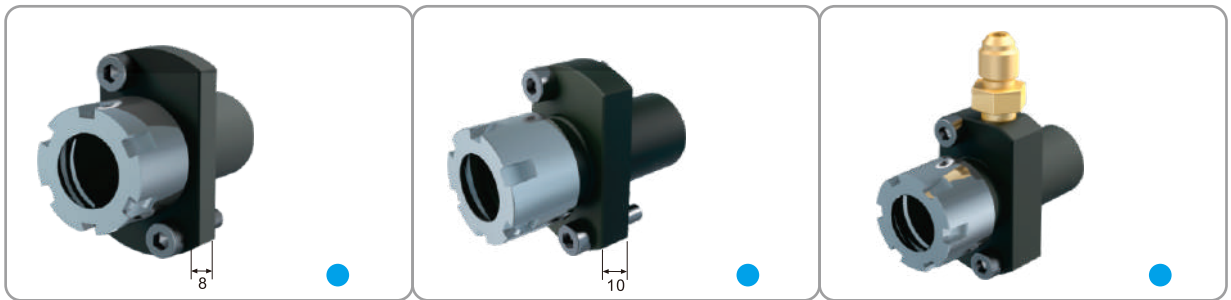
MIYANO




	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle 
<b>Product No.</b>	STRB81Q309	STRB81Q307	STRB81Q304
<b>Ref. No.</b>	—	54121	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	ER16M	ER16M	ER16M

CHIAH CHYUN

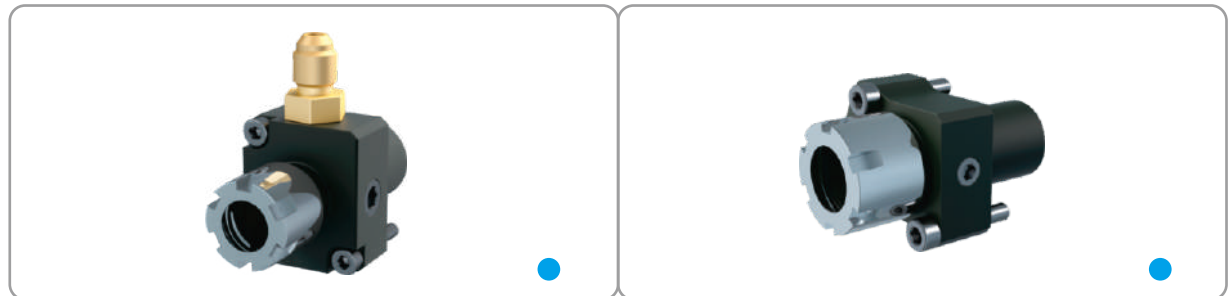
NOMURA



	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle 
<b>Product No.</b>	STRB81Q305	STRB81Q313	STRB81Q303
<b>Ref. No.</b>	—	67122	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	ER20M	ER20M	ER20M

HANWHA

JINNFA

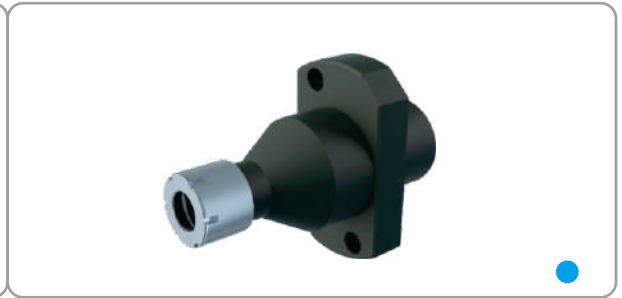
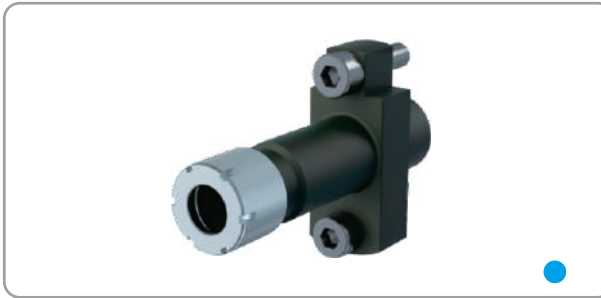
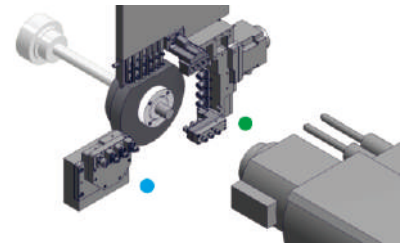


	Drill holder for sub spindle 	Drill holder for sub spindle
<b>Product No.</b>	STRB81E202	STRB81S301
<b>Ref. No.</b>	0R123	10119
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	ER16M	ER20M

DOOSAN

NAKAMURA

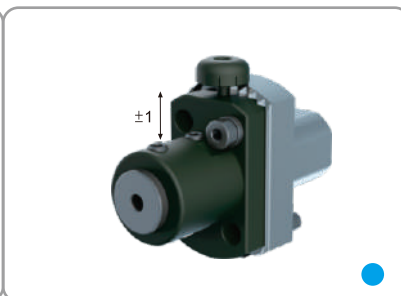
GOODWAY



	Drill holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	STRB81Q101	STRB81Q201
<b>Ref. No.</b>	69125	—
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	ER11M	ER11M

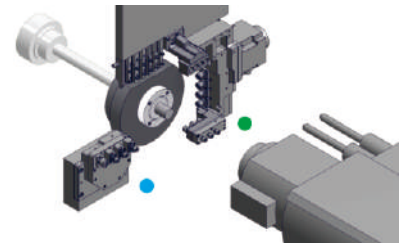


	Drill holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	STRB82Q201	STRB82Q202
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	Ø16	Ø16



	Boring bar holder for sub spindle	Boring bar holder for sub spindle	Boring bar holder for sub spindle  25bar
<b>Product No.</b>	STRB82Q200	STRBA22000+COMBAB0000	STRB82E200
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø3/4/5/6/8/9/10/12/16	Ø3/4/5/6/8/9/10/12/16	Ø6/8/9/10/12/16

- STAR
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- JINNFA
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- GOODWAY



STAR

TSUGAMI

CINCOM

MIYANO

CHIAH  
CHYUN

NOMURA

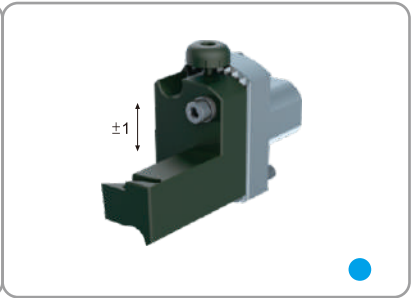
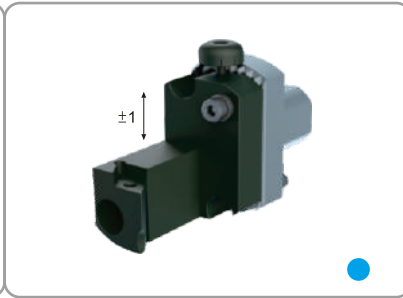
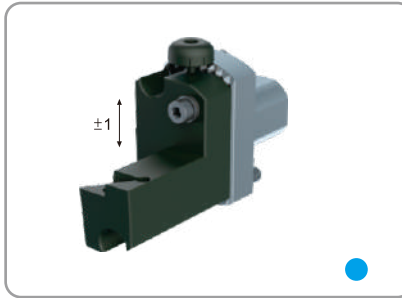
HANWHA

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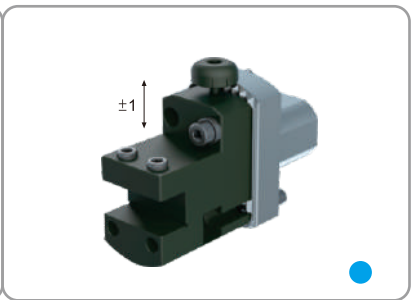
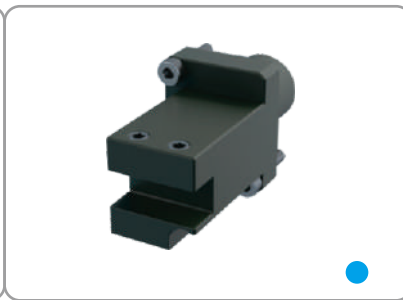
DOOSAN

NAKAMURA

GOODWAY



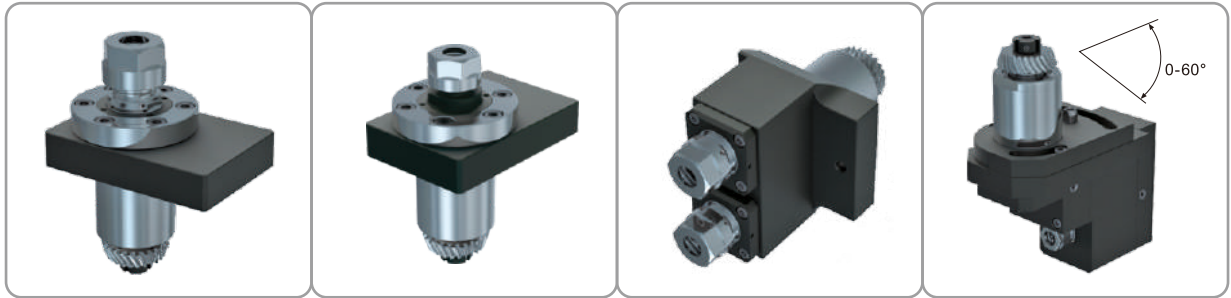
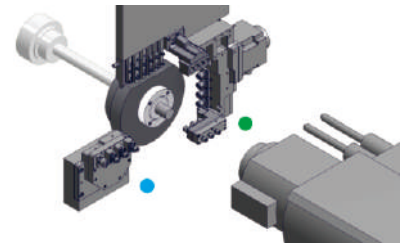
	Turning holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	STRBA22000+COMBADL550	STRBA22000+COMBADR550	STRBA22000+COMBADL350
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	DC.T11T3	DC.T11T3	VC.T1103



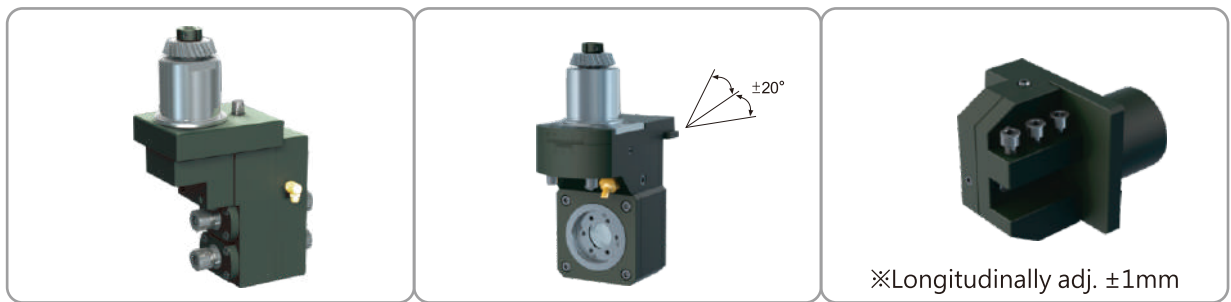
	Turning holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	STRB912201	STRB910202	STRBA22000+COMBAC1000
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	∅12	□10	□10



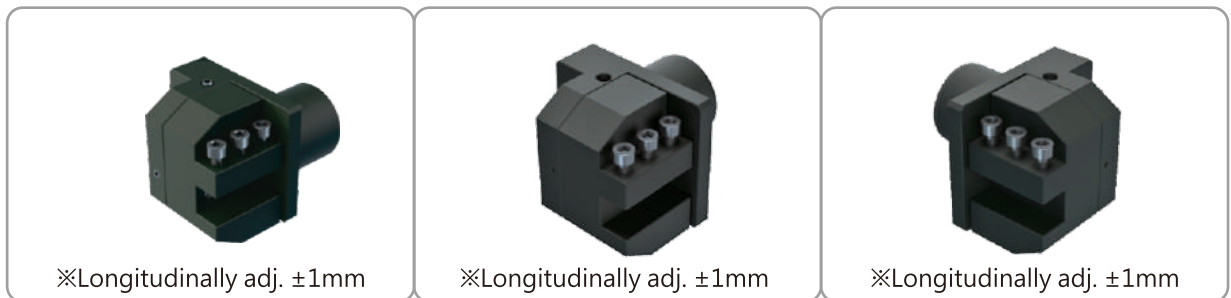
	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	STRB910201	STRB912204
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	□10	□12



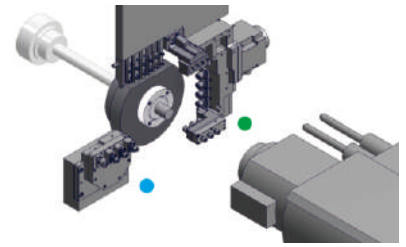
	Axial drilling/milling unit	Axial drilling/milling unit	2 spindle axial drilling/milling unit	Universal drilling/milling unit
<b>Product No.</b>	STVC120201	STVC116201	STVC116202	STVC2A1201
<b>Ref. No.</b>	22150	22150	42151	42155
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000	6000
<b>Tool clamping</b>	ER20A	ER16A	ER16A	ER11A



	Radial drilling/milling unit	Thread whirling unit	Turning holder
<b>Product No.</b>	STVC2B2201	STVC545201	STVC916201
<b>Ref. No.</b>	42159	—	—
<b>Speed ratio</b>	1:1.16	1:1	—
<b>RPM Max.</b>	6000	6000	—
<b>Tool clamping</b>	ER11M	Utilis no.119287	□16



	Turning holder	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	STVC916202	STVC916205	STVC916206
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	□16	□16	□16

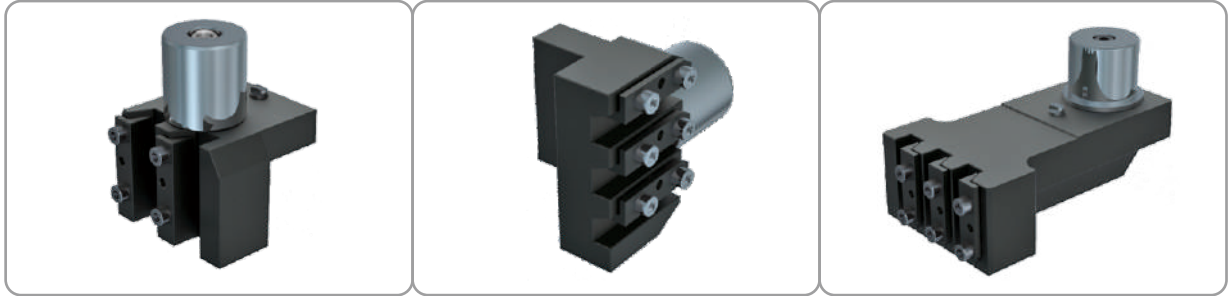


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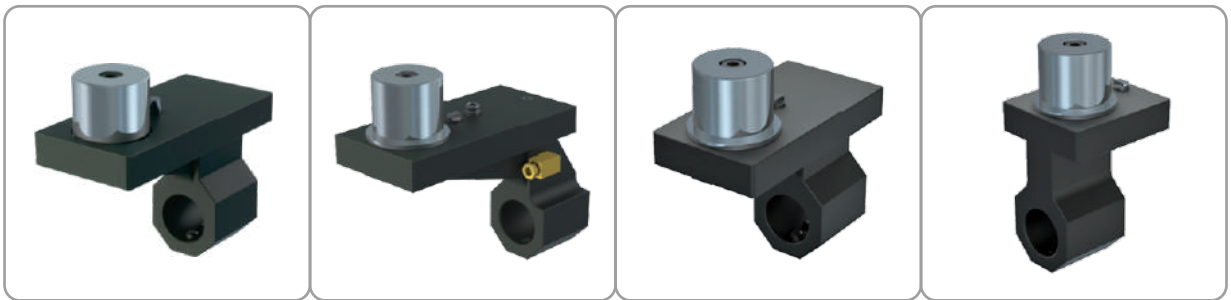
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	2-Station turning holder Ø16	3-Station turning holder Ø12	3-Station turning holder for sub spindle Ø12
<b>Product No.</b>	STVC916204	STVC912201	STVC912202
<b>Ref. No.</b>	–	42102	42103
<b>Speed ratio</b>	–	–	–
<b>RPM Max.</b>	–	–	–
<b>Tool clamping</b>	<input type="checkbox"/> 16	<input type="checkbox"/> 12	<input type="checkbox"/> 12

CHIAH CHYUN

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	Boring bar holder	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	STVC801204	STVC801206	STVC801201	STVC801202
<b>Ref. No.</b>	–	58113	–	–
<b>Speed ratio</b>	–	–	–	–
<b>RPM Max.</b>	–	–	–	–
<b>Tool clamping</b>	Ø32	Ø32	Ø32	Ø32

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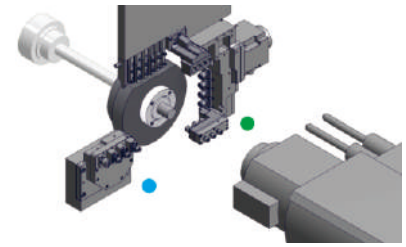


	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	STVC801205	STVC803202	STVC803203
<b>Ref. No.</b>	–	42111	–
<b>Speed ratio</b>	–	–	–
<b>RPM Max.</b>	–	–	–
<b>Tool clamping</b>	Ø32	Ø32	Ø22

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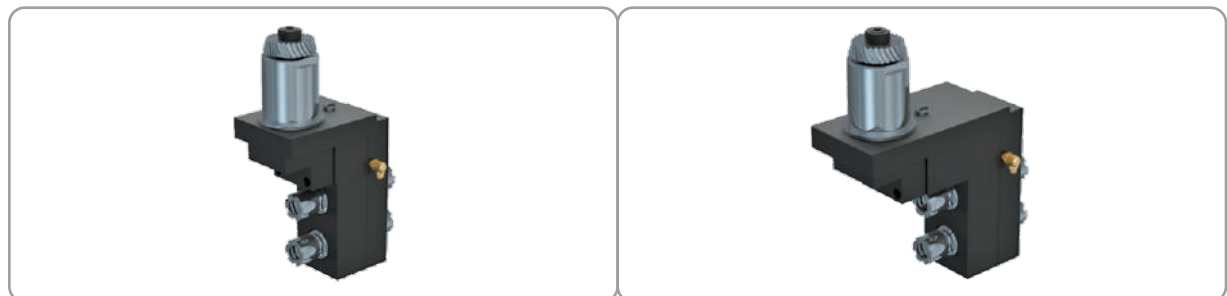
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	Axial drilling/milling unit	Axial drilling/milling unit	Axial drilling/milling unit
<b>Product No.</b>	STVC120301	STVC116302	STVC125301
<b>Ref. No.</b>	58151	—	43161
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER20A	ER16A	ER25-UM

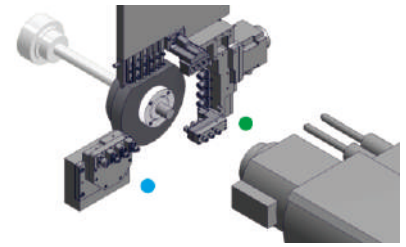


	Axial drilling/milling unit	Axial drilling/milling unit	Radial drilling/milling unit
<b>Product No.</b>	STVC111301	STVC116301	STVC2B2301
<b>Ref. No.</b>	431-52-00	43151	—
<b>Speed ratio</b>	1:1.67	1:1	1:1.16 ▲
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER11A	ER16A	ER11M



	Radial drilling/milling unit	Radial drilling/milling unit
<b>Product No.</b>	STVC2B2303	STVC2B2304
<b>Ref. No.</b>	43159	43159-B
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER16M	ER16M





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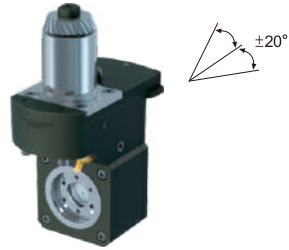
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※Longitudinally adj. ±1mm

### Thread whirling unit

### Turning holder for sub spindle Ø16

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

<b>Product No.</b>	STVC916301
<b>Ref. No.</b>	—
<b>Speed ratio</b>	—
<b>RPM Max.</b>	—
<b>Tool clamping</b>	<input type="checkbox"/> 16



※Longitudinally adj. ±1mm



※Longitudinally adj. ±1mm

### Turning holder for sub spindle Ø16

### Turning holder for sub spindle

<b>Product No.</b>	STVC920301
<b>Ref. No.</b>	78171
<b>Speed ratio</b>	—
<b>RPM Max.</b>	—
<b>Tool clamping</b>	<input type="checkbox"/> 20

<b>Product No.</b>	STVC916302
<b>Ref. No.</b>	—
<b>Speed ratio</b>	—
<b>RPM Max.</b>	—
<b>Tool clamping</b>	<input type="checkbox"/> 16

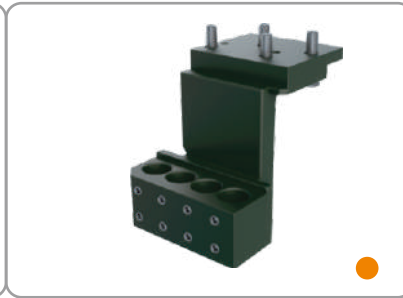
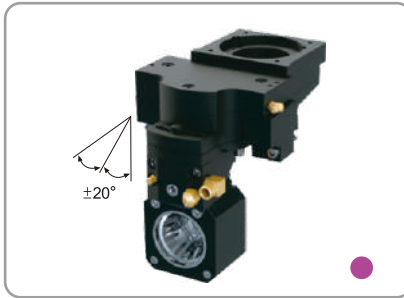
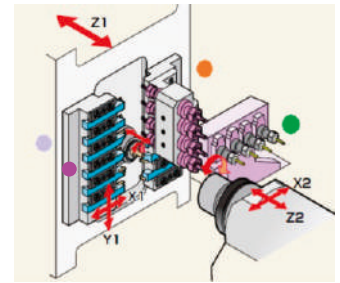


### 2 spindle radial drilling/milling unit

### 2 spindle radial drilling/milling unit

<b>Product No.</b>	STVC2A2301
<b>Ref. No.</b>	—
<b>Speed ratio</b>	1:1
<b>RPM Max.</b>	6000
<b>Tool clamping</b>	ER20M

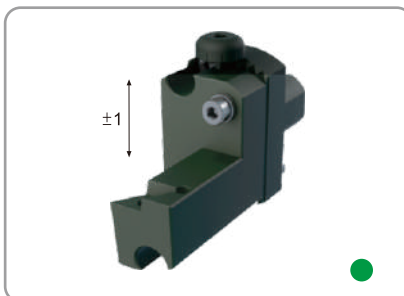
<b>Product No.</b>	STVC2B1302
<b>Ref. No.</b>	—
<b>Speed ratio</b>	1:1
<b>RPM Max.</b>	6000
<b>Tool clamping</b>	ER16A



	Thread whirling unit	Tool holder	Cross drilling/milling unit for sub spindle
<b>Product No.</b>	TSBA545201	TSBA0001	TSBB311201
<b>Ref. No.</b>	—	3220-T520	3220-Y7074
<b>Speed ratio</b>	1:1	—	1:1
<b>RPM Max.</b>	8000	—	8000
<b>Tool clamping</b>	Utilis no.119287	Ø20	ER11A



	Drilling/milling unit for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	TSBB116201	TSBB81Q202	TSBB82Q201
<b>Ref. No.</b>	3220-Y7072	—	3220-Y7073
<b>Speed ratio</b>	1:1	—	—
<b>RPM Max.</b>	8000	—	—
<b>Tool clamping</b>	ER16M	ER11A	Ø20



	Turning holder for sub spindle	Air tool holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	TSBBA20000+COMBADL550	TSBB0001	TSBB912201
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	DC.T11T3	NR-303	□ 12

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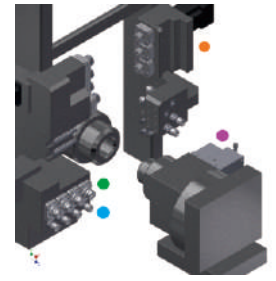
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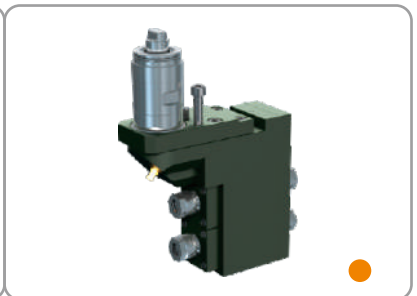
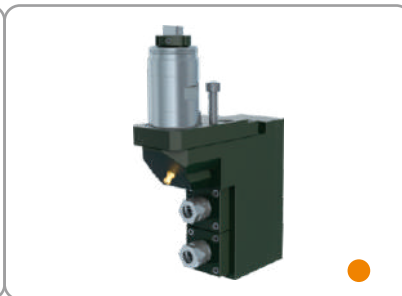
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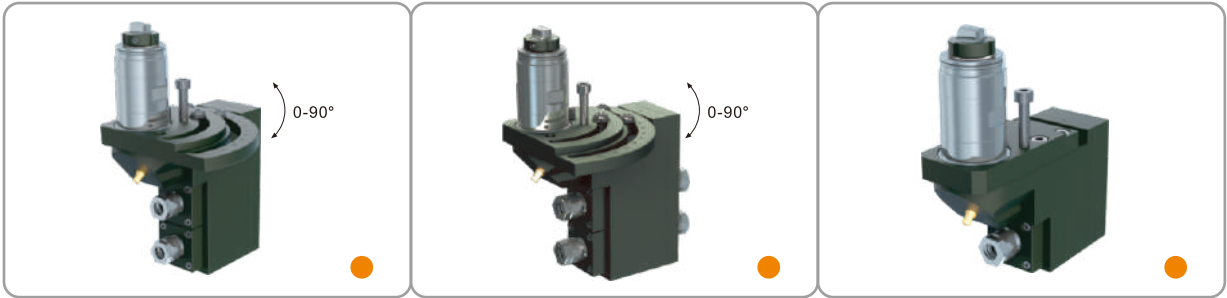
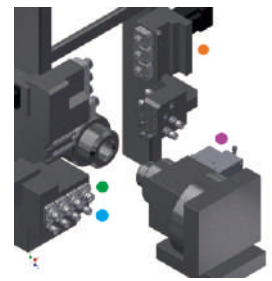
	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
<b>Product No.</b>	TSBA116301	TSBA120301	TSBA111301
<b>Ref. No.</b>	3268-T051	3268-T051-ER20	3290-Y670
<b>Speed ratio</b>	1:1	1:1	1:2
<b>RPM Max.</b>	6000	6000	12000
<b>Tool clamping</b>	ER16A	ER20A	ER11A



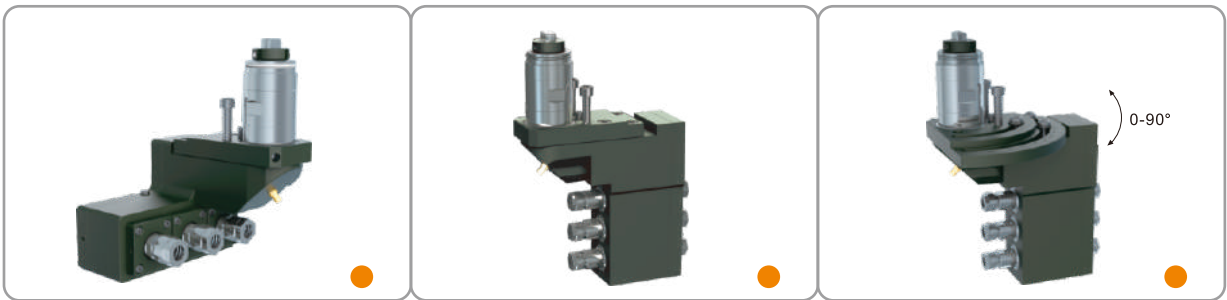
	Cross drilling/milling unit	Cross drilling/milling unit, 2-spindle	Thread whirling unit
<b>Product No.</b>	TSBA116303	TSBA116304	TSBA545301
<b>Ref. No.</b>	—	—	3268-Y450
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	5000
<b>Tool clamping</b>	ER16A	ER16A	Utilis no.119287



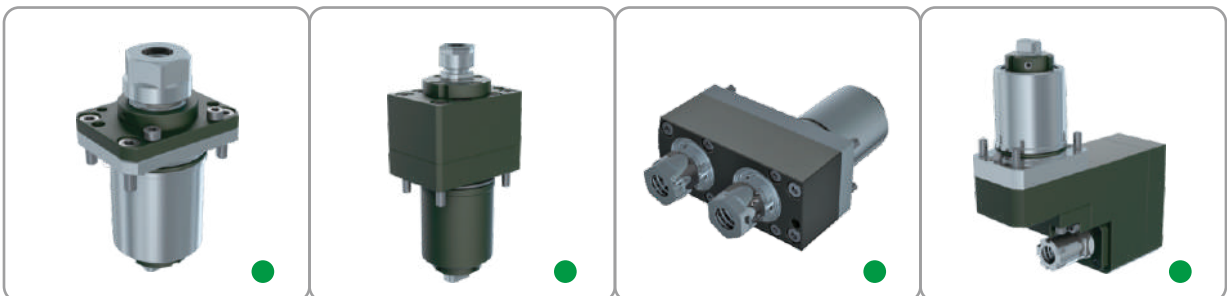
	Drilling unit (deep hole)	2-spindle drilling/milling unit	2-spindle double drilling/milling unit
<b>Product No.</b>	TSBA116302	TSBA2A2304	TSBA2B2303
<b>Ref. No.</b>	3290-Y010	—	3282-Y901
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	6000	6000
<b>Tool clamping</b>	ER16A	ER16AM	ER16AM



	2-spindle drilling/milling unit	2-spindle double drilling/milling unit	Drilling/milling unit
<b>Product No.</b>	TSBA2A2301	TSBA2B2302	TSBA2A1301
<b>Ref. No.</b>	—	3282-Y921	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16AM	ER16AM	ER16AM



	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	TSBA2A3301	TSBA2B3302	TSBA2B3301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	5000	6000	6000
<b>Tool clamping</b>	ER16AM	ER11A	ER11A



	Drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle	2-spindle drilling/milling unit for sub spindle	Cross drilling/milling unit for sub spindle
<b>Product No.</b>	TSBB116301	TSBB111301	TSBB116302	TSBB316301
<b>Ref. No.</b>	3282-Y041	3290-Y680	—	3290-Y041
<b>Speed ratio</b>	1:1	1:2	1:1	1:1
<b>RPM Max.</b>	6000	12000	6000	6000
<b>Tool clamping</b>	ER16A	ER11A	ER16AM	ER16M

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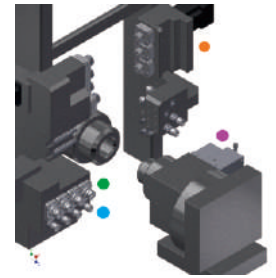
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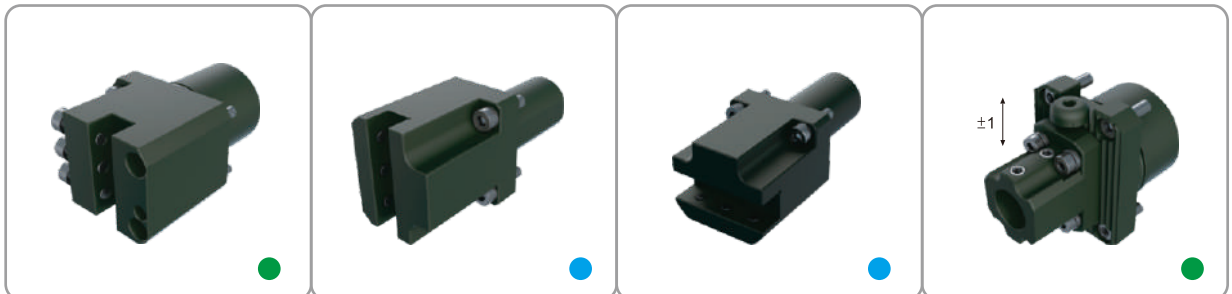
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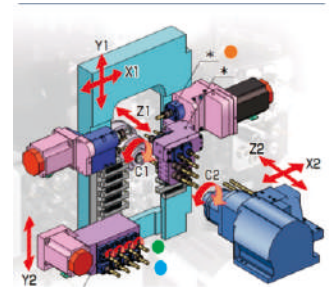
	Slotting unit for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	TSBB712301	TSBB82Q304	TSBB82Q303
<b>Ref. No.</b>	—	3282-Y211	—
<b>Speed ratio</b>	1:1	—	—
<b>RPM Max.</b>	3000	—	—
<b>Tool clamping</b>	鋸片 Ø12.7xØ70	Ø25	Ø25



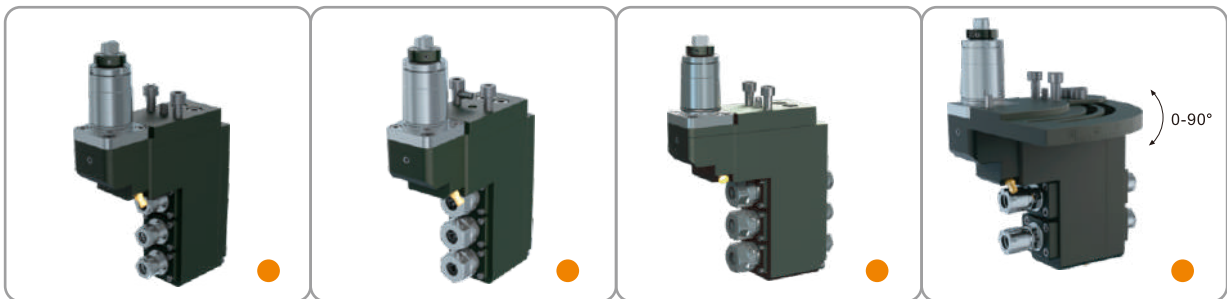
	Drill holder for sub spindle	Drill holder for sub spindle	Boring bar holder
<b>Product No.</b>	TSBB82Q302	TSBB81Q301	TSBA802301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø25	ER20M	Ø25



	Turning holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle	Boring bar holder for sub spindle
<b>Product No.</b>	TSBB912301	TSBB910301	TSBB912302	TSBBA42000+COMBAB0000
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	□12	□10	□12	Ø3/4/5/6/8/9/10/12/16



	Cross drilling/milling unit	2-spindle double drilling/milling unit	Thread whirling unit
<b>Product No.</b>	TSSA116201	TSSA2B2201	TSSA545201
<b>Ref. No.</b>	3281-T050	3281-Y240	3281-Y450
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	5000
<b>Tool clamping</b>	ER16M	ER16M/ER11A	Utilis no.119287



	3-spindle drilling/milling unit	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	2-spindle double drilling/milling unit
<b>Product No.</b>	TSSA2A3201	TSSA2A3202	TSSA2B3201/TSSA2B3204	TSSA2B2202
<b>Ref. No.</b>	—	—	—	3281-Y280
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	8000	8000
<b>Tool clamping</b>	ER11A	ER16A	ER16A/ER11A/ER16M/ER11M	ER16M/ER11A



	3-spindle double drilling/milling unit	3-spindle drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	TSSA2B3205	TSSA2A3203	TSSA2B3202
<b>Ref. No.</b>	3281-274001-0100	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	8000
<b>Tool clamping</b>	ER16M/ER11M	ER16A	ER16A/ER11A

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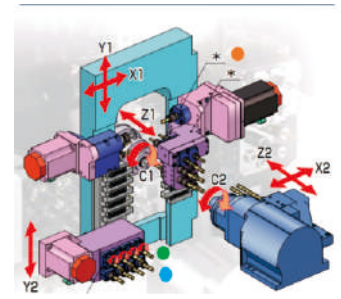
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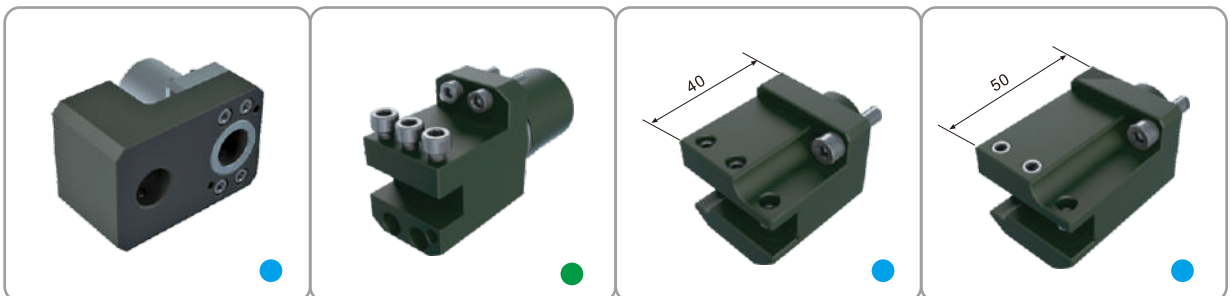




	Cross drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	TSSB316201	TSSB116201	TSSB82Q202 / TSSB82Q205
<b>Ref. No.</b>	3281-Y460	3281-S080	3281-S060
<b>Speed ratio</b>	1:1	1:1	—
<b>RPM Max.</b>	6000	8000	—
<b>Tool clamping</b>	ER16M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



	Drill holder for sub spindle  25bar	Drill holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	TSSB81Q202	TSSB81Q201	TSSB82Q203
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	ER16M	ER20M	Ø20



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

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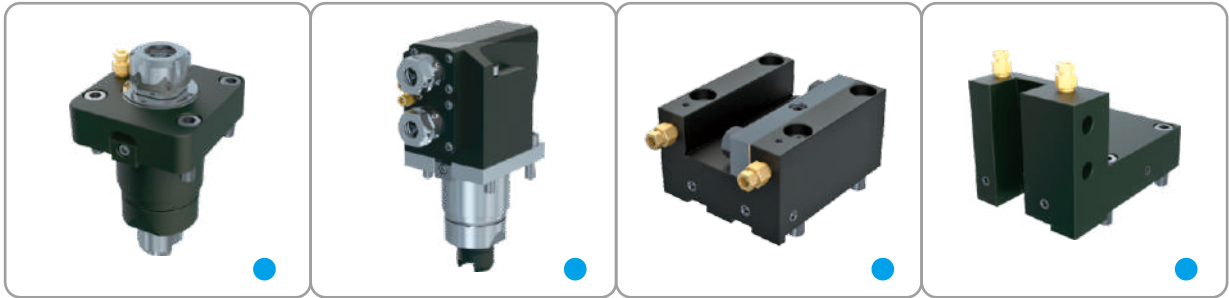
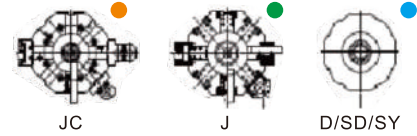
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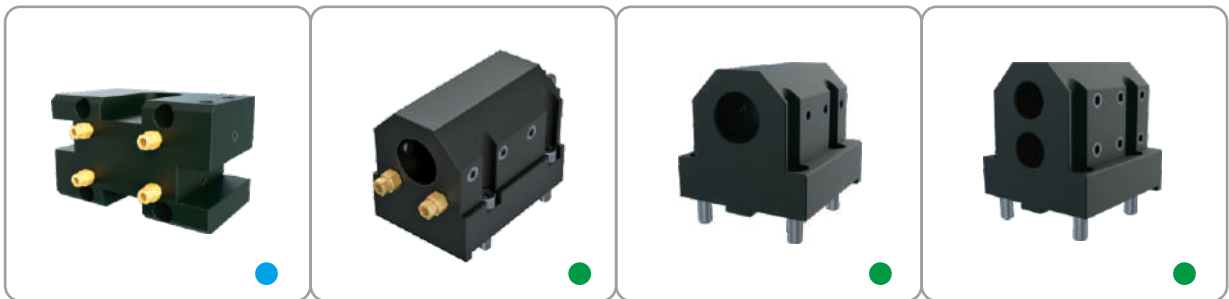
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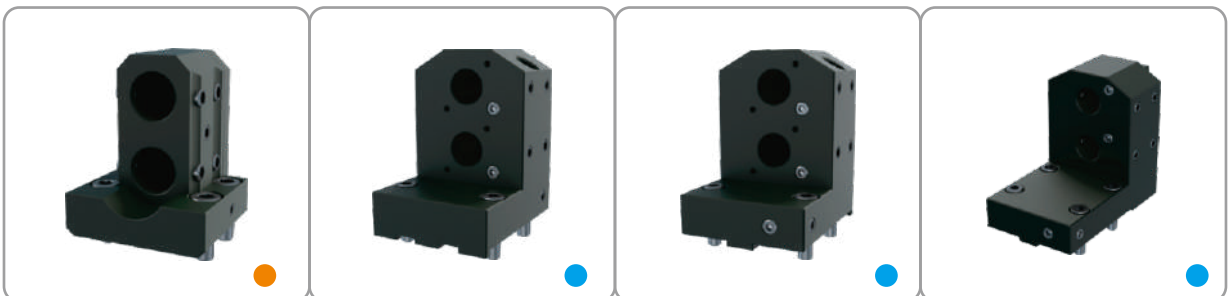
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	Axial drilling/milling unit	Radial drilling/milling unit	Turning holder	Turning holder (cut-off)
<b>Product No.</b>	TSMC125001	TSMC2A2001	TSMC925003	TSMC925001
<b>Ref. No.</b>	3295-Z92511-0101	—	—	3295-H260
<b>Speed ratio</b>	1:1	1:1	—	—
<b>RPM Max.</b>	6000	5000	—	—
<b>Tool clamping</b>	ER25UM	ER20A	□25	□25



	Turning holder	Boring bar holder <sup>IC</sup> 25bar	Boring bar holder	Boring bar holder
<b>Product No.</b>	TSMC925002	TSMC801002	TSMC801001	TSMC802001
<b>Ref. No.</b>	3295-H210	—	3295-H202	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	□25	Ø32	Ø32	Ø25



	Boring bar holder	Boring bar holder (offset, for main spindle)	Boring bar holder (offset, for sub spindle)	Boring bar holder (offset, for sub spindle)
<b>Product No.</b>	TSMC802004	TSMC802003/TSMC802005	TSMC802002	TSMC802007
<b>Ref. No.</b>	3297-H020	3295-H270	3295-H280	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø25	Ø25 / Ø32	Ø25	Ø25

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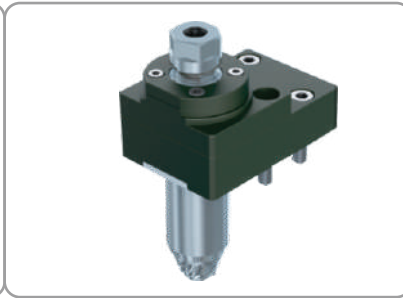
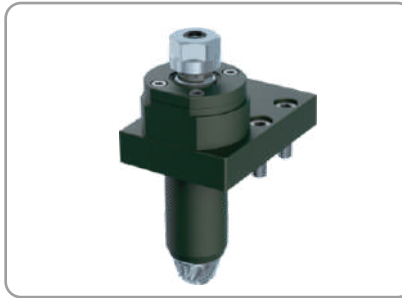
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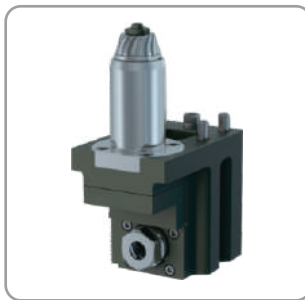
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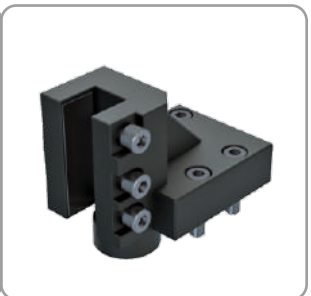
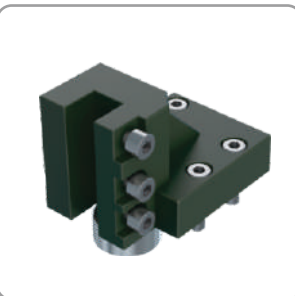
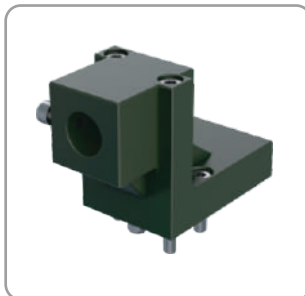
GOODWAY



	Axial drilling/milling unit	Axial drilling/milling unit	3-spindle drilling/milling unit
<b>Product No.</b>	CTMC116302	CTMC116301	CTMC2A3301
<b>Ref. No.</b>	KSC110	KSC110-2X	GSE-1510
<b>Speed ratio</b>	1:1	1:2	1:1
<b>RPM Max.</b>	5000	10000	6000
<b>Tool clamping</b>	ER16A	ER16A	ER16AM

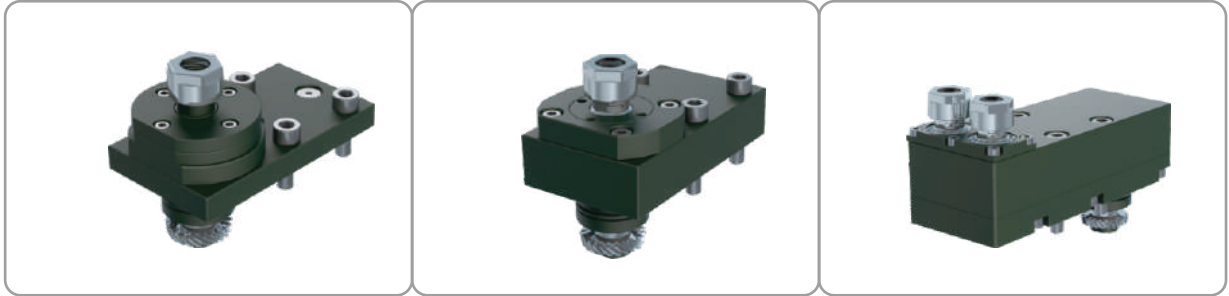


	Radial drilling/milling unit	Radial drilling/milling unit	Drilling/milling unit	Boring bar holder  25bar
<b>Product No.</b>	CTMC2A1301	CTMC2A1302	CTMC116303	CTMC801303
<b>Ref. No.</b>	KSE110	KSE310	KSM110	CDF-301-IC
<b>Speed ratio</b>	1:1	1:1	1:1	—
<b>RPM Max.</b>	6000	6000	5000	—
<b>Tool clamping</b>	ER16A	ER16A	ER16A	Ø25.4

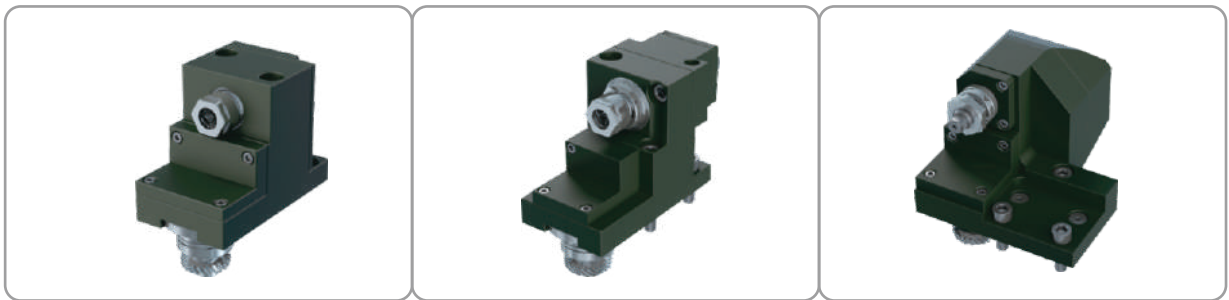


	Boring bar holder	Boring bar holder	Turning holder	Turning holder
<b>Product No.</b>	CTMC801301	CTMC802301	CTMC916301	CTMC919301
<b>Ref. No.</b>	CDF101	CDF401	CTF116	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø25.4	Ø25.4	□16	□19.05

## M16



	Axial drilling/milling unit	Axial drilling/milling unit	Axial drilling/milling unit
<b>Product No.</b>	CTMC111102	CTMC111101	CTMC111103
<b>Ref. No.</b>	MSC107BT	MSC106	MSC407
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER11A	ER11A	ER11A



	Radial drilling/milling unit	Radial drilling/milling unit	Slotting unit
<b>Product No.</b>	CTMC2A1102	CTMC2A1103	CTMC712101
<b>Ref. No.</b>	MSE106	MST306	MSS345
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	4000	3000	4000
<b>Tool clamping</b>	ER11A	ER11A	Ø12.7xØ70



Turning holder	Turning holder (cut-off)	Boring bar holder	Boring bar holder	Boring bar holder
CTMC910101	CTMC910102	CTMC801102	CTMC801101	CTMC802101
VTF110	VTF1310	VDF201	VDF501	VDF401
□ 10	□ 10	Ø19.05	Ø19.05	Ø19.05

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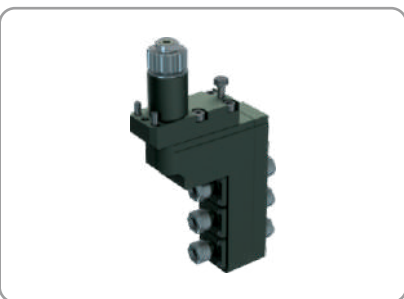
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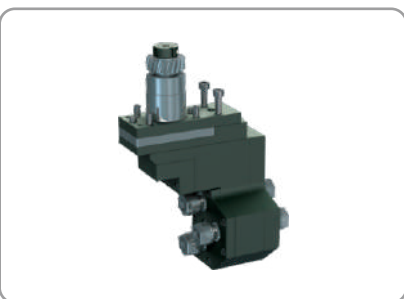
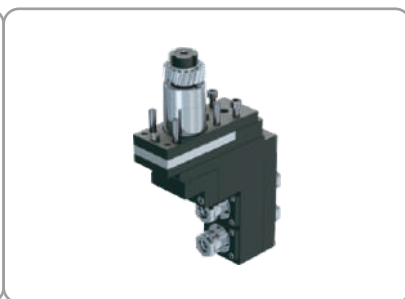
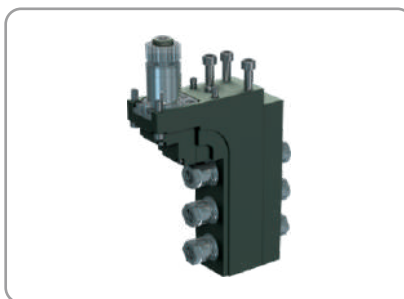
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NAKAMURA

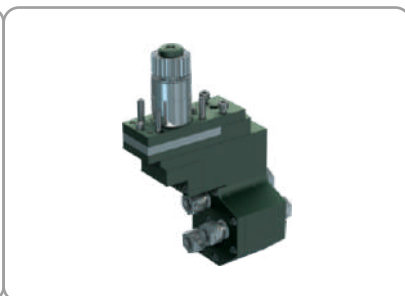
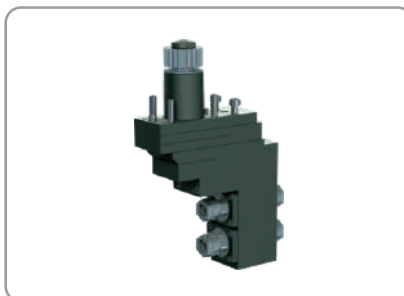
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	2-spindle double drilling/milling unit	3-spindle drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	CTLA2B2301	CTLA2A3301	CTLA2B3302
<b>Ref. No.</b>	—	BSE307/BSE407/BSE607	BSE507/BSE707
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER11A	ER11A	ER11A

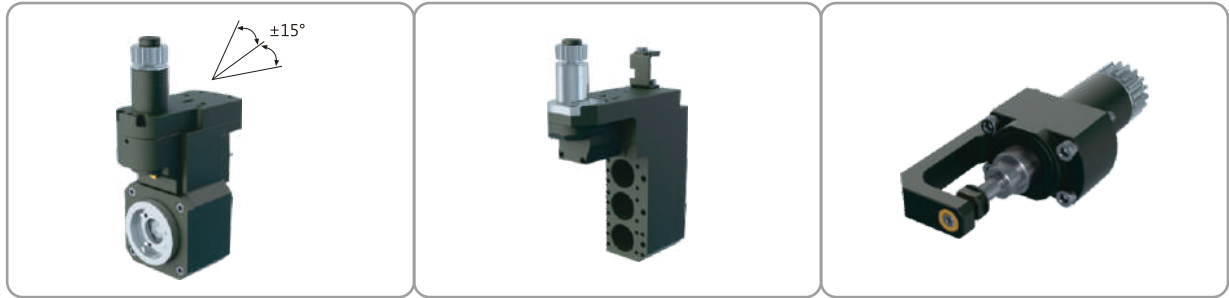



	3-spindle double drilling/milling unit	2-spindle double drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	CTLA2B3301	CTLA2B2201	CTLA2B3202
<b>Ref. No.</b>	GSE1810	GSE3107	GSE3207
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16AM	ER11A	ER11A

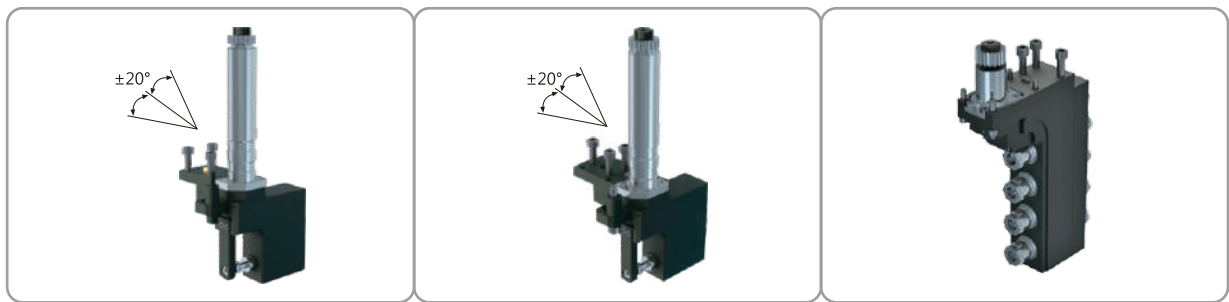




	2-spindle double drilling/milling unit	3-spindle double drilling/milling unit	3-spindle double drilling/milling unit 
<b>Product No.</b>	CTLA2B2202	CTLA2B3206	CTLA2B3101
<b>Ref. No.</b>	GSE3707	GSE3807	GSE3607
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	8000
<b>Tool clamping</b>	ER11A	ER11A	ER11A

## L Series




	Thread whirling unit 	Drilling/milling unit	Gear hobbing unit
<b>Product No.</b>	CTLA545201	CTLA2A3202	CTAA608201
<b>Ref. No.</b>	—	GSE3210	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	—	3000
<b>Tool clamping</b>	Utilis no.119287	Ø31	Ø8xØ25x15



	Gear hobbing unit 	Gear hobbing unit 	4-spindle double drilling/milling unit
<b>Product No.</b>	CTLA608201	CTLA608202	CTLA2B4301
<b>Ref. No.</b>	—	—	GSE-2010
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	Ø8xØ25x12	Ø8xØ25x12	ER16AM



	Drilling/milling unit	Double drilling/milling unit	Double drilling/milling unit
<b>Product No.</b>	CTLA2A1201	CTLA2B1302	CTLA2B1201
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:3 	1:1
<b>RPM Max.</b>	6000	15000	6000
<b>Tool clamping</b>	ER11A	ER11A	ER11A/ER11M

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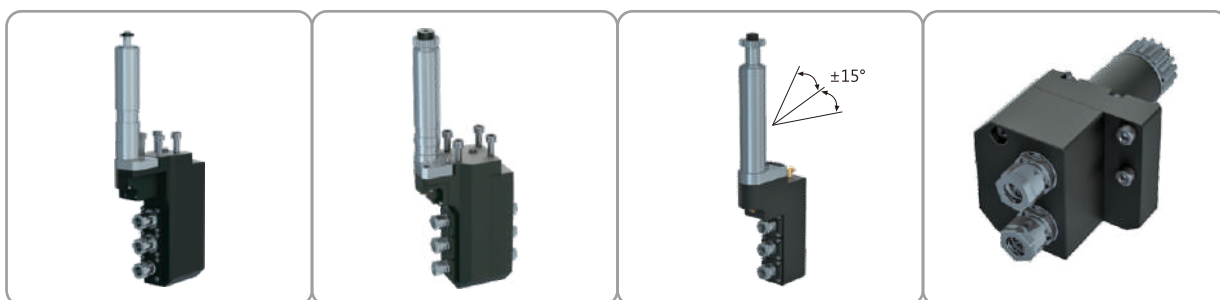
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	Double drilling/milling unit	Double drilling/milling unit	2-spindle drilling/milling unit
<b>Product No.</b>	CTLA2B1203	CTLA2B1301	CTLA2A2202
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:3	1:1	1:1
<b>RPM Max.</b>	15000	6000	8000
<b>Tool clamping</b>	ER11A	ER11A/ER11M	ER11A



	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	CTLA2A3204	CTLA2B3203	CTLA2B3204
<b>Ref. No.</b>	—	—	GSE1007
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	4000
<b>Tool clamping</b>	ER11A	ER11A/ER11M	ER11A



	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle drilling/milling unit 	2 spindle axial drilling/milling unit
<b>Product No.</b>	CTLA2A3201	CTLA2B3205	CTLA2A3205	CTLA111203
<b>Ref. No.</b>	GSE910	GSE1307	GSA107	GSC-1607
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	4000	4000	6000	4000
<b>Tool clamping</b>	ER16M	ER11A	ER11A	ER11A

## L Series



	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
<b>Product No.</b>	CTAA116201	CTLA116201	CTLA116203
<b>Ref. No.</b>	GSC1310/GSC1110	GSC1210	GSC1210
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	7000	8000	8000
<b>Tool clamping</b>	ER16AM	ER16M	ER16



	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
<b>Product No.</b>	CTLA116202	CTLA116301	CTLA111206
<b>Ref. No.</b>	GSC510/GSC1010	GSC310	GSC507-3X
<b>Speed ratio</b>	1:1	1:1	1:3 ▲
<b>RPM Max.</b>	8000	8000	18000
<b>Tool clamping</b>	ER16A	ER16A	ER11A



	Cross drilling/milling unit	Cross drilling/milling unit	Cross drilling/milling unit
<b>Product No.</b>	CTLA111208	CTLA111202	CTAA116202
<b>Ref. No.</b>	GSE307	GSC907	GSC1310
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	5000	6000	7000
<b>Tool clamping</b>	ER11A	ER11A	Ø10.5/M10x1.5

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**Cross drilling/milling unit**

**Cross drilling/milling unit**

**Product No.** CTAA116301

**Product No.** CTAA120301

**Ref. No.** GSC1310

—

**Speed ratio** 1:1

1:1

**RPM Max.** 7000

6000

**Tool clamping** Ø10.5/M10x1.5

ER20A



**Cross drilling/milling unit**

**Cross drilling/milling unit**

**Boring bar holder**

**Boring bar holder**

**Product No.** CTLA111101

**Product No.** CTLA111303

**Product No.** CTLA802206

**Product No.** CTLA803208

**Ref. No.** —

—

—

—

**Speed ratio** 1:1

1:3

—

—

**RPM Max.** 8000

18000

—

—

**Tool clamping** ER11A

ER11A

Ø19.05

Ø19.05



**Boring bar holder**

**Boring bar holder**

**Drill holder**

**Drill holder**

**Product No.** CTLA804101

**Product No.** CTLA804301

**Product No.** CTLA804302

**Product No.** CTLA804303

**Ref. No.** —

—

GDF1601

GDF1601

**Speed ratio** —

—

—

—

**RPM Max.** —

—

—

—

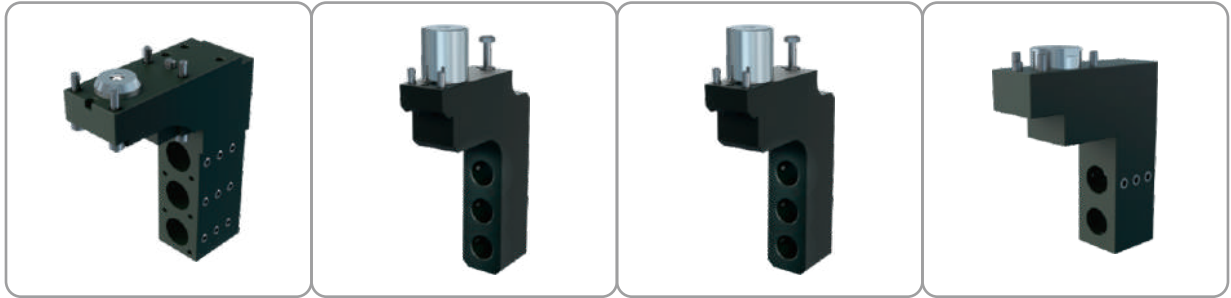
**Tool clamping** Ø19.05

Ø19.05

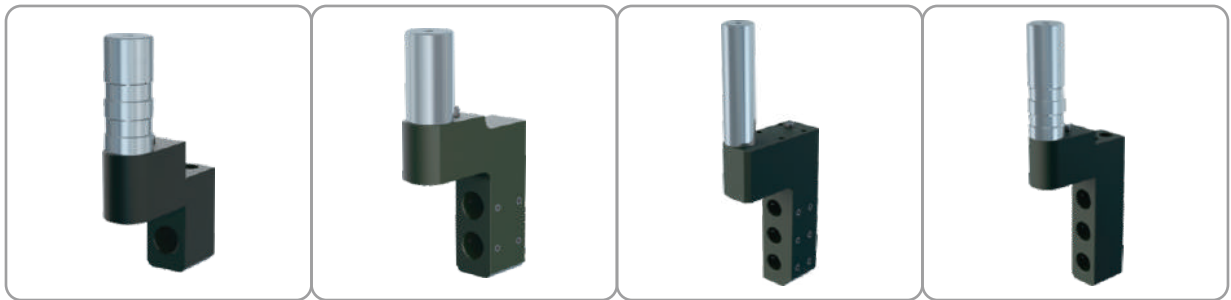
Ø25

Ø25.4

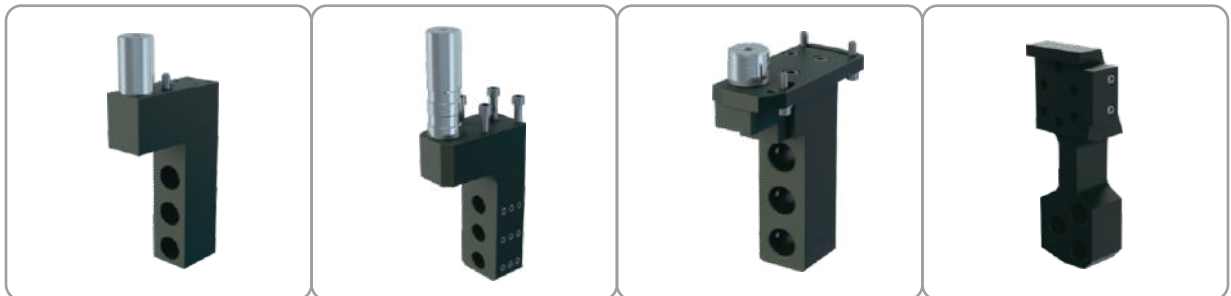
## L Series



	Boring bar holder	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	CTLA803305/CTLA803304	CTLA803302	CTLA803303	CTLA802202
<b>Ref. No.</b>	GDF1601	—	—	GDF508
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø25.4 / Ø25	Ø19.05	Ø20	Ø19.05



	Boring bar holder	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	CTLA801201	CTLA802201	CTLA803202	CTLA803203/CTLA803210
<b>Ref. No.</b>	GDF506	—	—	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø19.05	Ø19.05	Ø19.05	Ø19.05 / Ø20



	Boring bar holder	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	CTLA803204/CTLA803206	CTLA803205/CTLA803207	CTLA803101	CTLA803201
<b>Ref. No.</b>	GDF507	—	—	GDF607
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø19.05 / Ø20	Ø20 / Ø19.05	Ø19.05	Ø19.05

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	Sub Spindle Boring Bar Holder	Sub Spindle Boring Bar Holder	Sub Spindle Boring Bar Holder
<b>Product No.</b>	CTLB82B205~216	CTLB82Q205~216	CTLB82C206
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø5/6/8/10/12/16	Ø5/6/8/10/12/16	Ø6

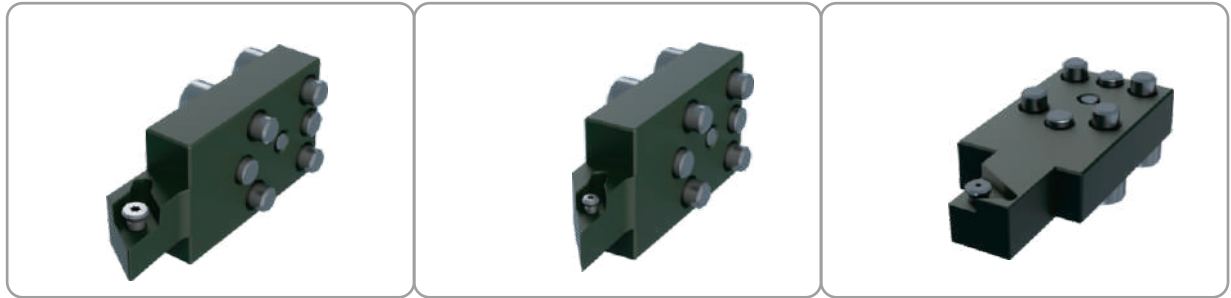


	Sub Spindle Boring Bar Holder	Drill holder for sub spindle	Drill holder for sub spindle 
<b>Product No.</b>	CTLB82C216	CTLB81Q202	CTLB81Q301
<b>Ref. No.</b>	—	GDS210	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø16	ER16M	ER16A

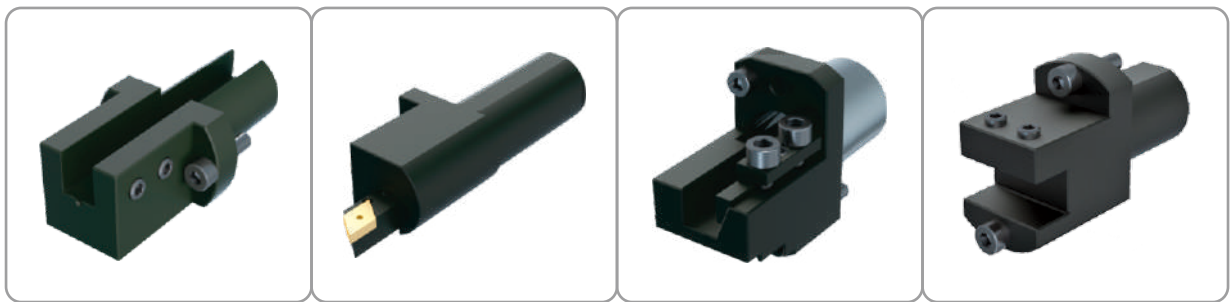


	Drill holder for sub spindle	Drill holder for sub spindle 	Drill holder for sub spindle 
<b>Product No.</b>	CTLB82Q301/CTLB82Q302	CTLB81B201	CTLB81C201
<b>Ref. No.</b>	SAU825	CTA646100	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø25.4/Ø16	ER16M	ER16M

## L Series



	Turning holder	Turning holder	Turning holder
<b>Product No.</b>	CTLA900055	CTLA900035	CTLA900060
<b>Ref. No.</b>	GTF3712	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	DC.T1103	VC.T1103	TGF32R 175 PR930



	Turning holder	Turning holder	Turning holder	Turning holder for sub spindle
<b>Product No.</b>	CTLA910101	CTLA912301	CTLA912201	CTLB912201
<b>Ref. No.</b>	—	—	GTF6312	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	<input type="checkbox"/> 10	<input type="checkbox"/> 12	<input type="checkbox"/> 12	<input type="checkbox"/> 12



	Turning holder for sub spindle	Turning holder for sub spindle	Boring bar holder for sub spindle
<b>Product No.</b>	CTLB912301	CTLBA25000+COMBADL550	CTLBA25000+COMBAB0000
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	<input type="checkbox"/> 12	DC.T11T3	Ø3/4/5/6/8/9/10/12/16

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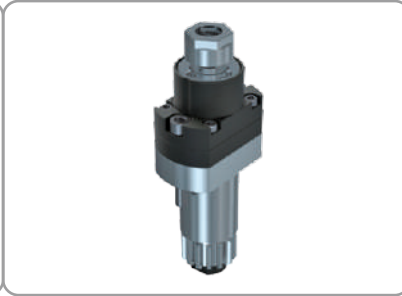
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JINNFA

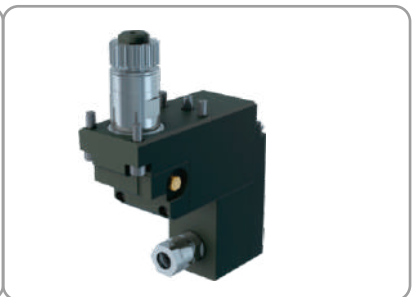
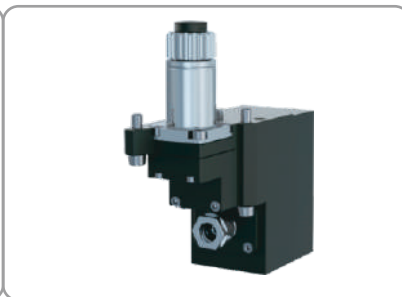
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	Drilling/milling unit for sub spindle 1:2	Drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle
<b>Product No.</b>	CTLB111203	CTLB111206	CTLB116201
<b>Ref. No.</b>	MSC-507-2X	MSC507	MSC512
<b>Speed ratio</b>	1:2	1:4	1:1
<b>RPM Max.</b>	12000	24000	8000
<b>Tool clamping</b>	ER11A	ER11A	ER16A

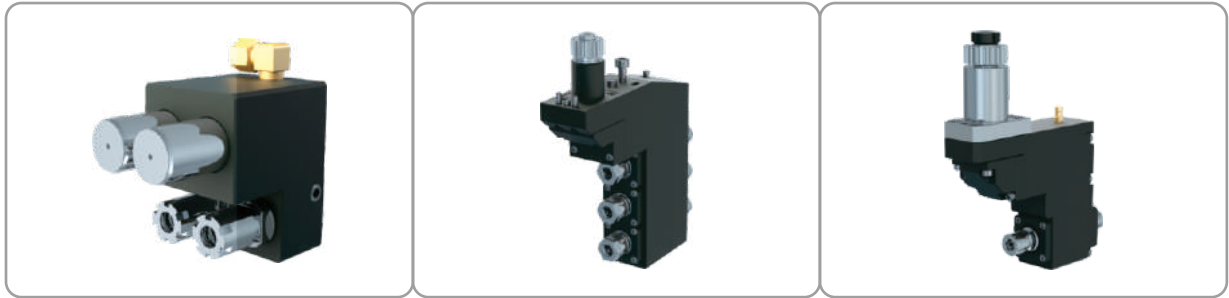


	Drilling/milling unit for sub spindle	Cross drilling/milling unit for sub spindle	Cross drilling/milling unit for sub spindle
<b>Product No.</b>	CTLB111202	CTLB311205	CTLB316301
<b>Ref. No.</b>	GSE3307/GSE3507/MS507	GSS1330/GSS1430/GSS1530	GSE1910
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	6000	6000
<b>Tool clamping</b>	ER11A	ER11A	ER16AM

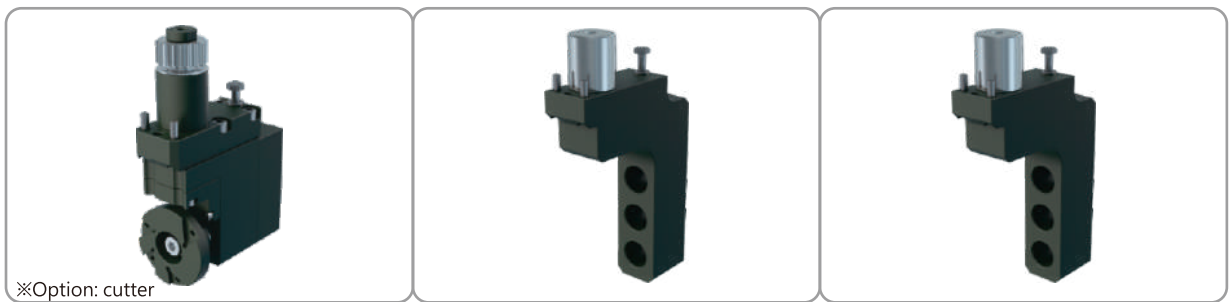


	Slotting unit for sub spindle	Idler shaft	Idler shaft
<b>Product No.</b>	CTLB700201	CTLA100000	CTLA100001
<b>Ref. No.</b>	-	-	-
<b>Speed ratio</b>	1:1	-	-
<b>RPM Max.</b>	4000	-	-
<b>Tool clamping</b>	Ø6/12.7xØ35	-	-

## A Series



	Drill holder (deep hole)	3-spindle double drilling/milling unit	Double drilling/milling unit
<b>Product No.</b>	CTAA802201	CTAA2B3301	CTAA2B1201
<b>Ref. No.</b>	—	GSE1710	BSE107
<b>Speed ratio</b>	—	1:1	1:1
<b>RPM Max.</b>	—	4000	4000
<b>Tool clamping</b>	ER16M	ER16AM	ER11M

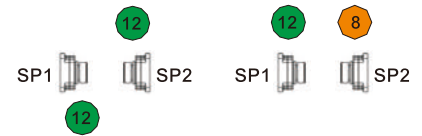


	Polygon unit	Boring bar holder	Boring bar holder
<b>Product No.</b>	CTAA400201	CTAA803201	CTAA803202
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	—	—
<b>RPM Max.</b>	5000	—	—
<b>Tool clamping</b>	—	Ø20	Ø19.05



	Gear hobbing unit
<b>Product No.</b>	CTAA608202
<b>Ref. No.</b>	—
<b>Speed ratio</b>	—
<b>RPM Max.</b>	3000
<b>Tool clamping</b>	Ø25xØ8x15

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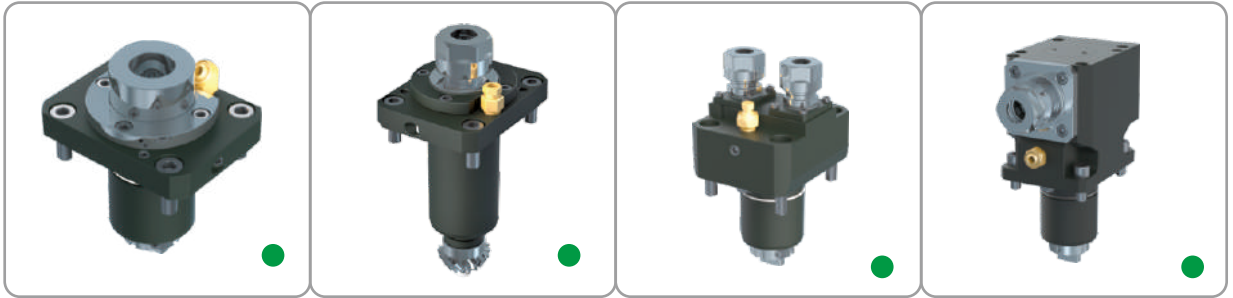
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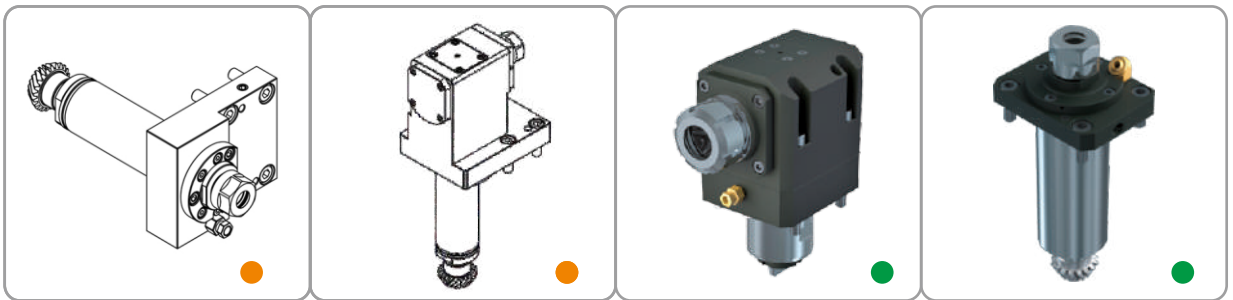
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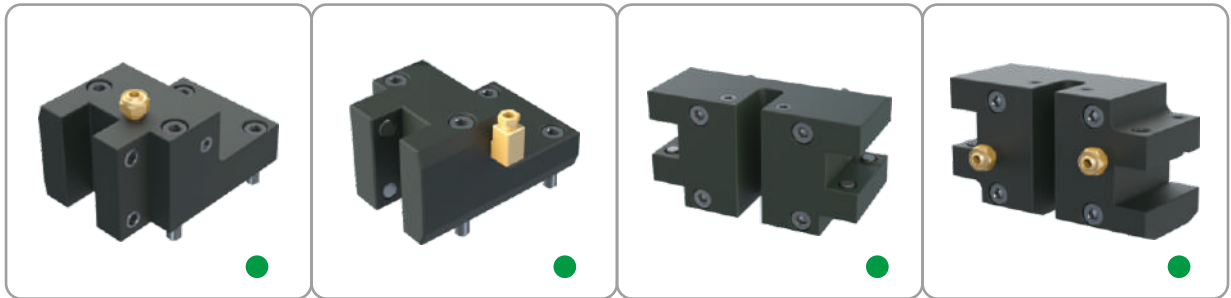
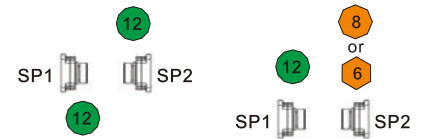
	Axial drilling/milling unit	Axial drilling/milling unit	Axial drilling/milling unit	Radial drilling/milling unit
<b>Product No.</b>	BM45MI1A0101	BM45MI1A0106	BM45MI1A0202	BM45MI1B0101
<b>Ref. No.</b>	2W785600	1X783000	—	2W785550
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000	6000
<b>Tool clamping</b>	ER20A	ER20A	ER16A	ER20A



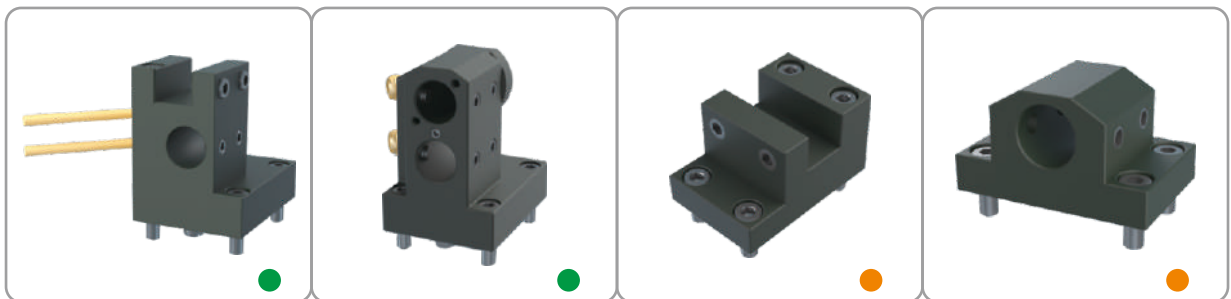
	Axial drilling/milling unit	Radial drilling/milling unit	Radial drilling/milling unit	Axial drilling/milling unit
<b>Product No.</b>	BM38MI1A0103	BM38MI1B0104	BM54MI1B0103	BM45MI1A0102
<b>Ref. No.</b>	DV70B001	DV70A000	—	2K700000
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000	6000
<b>Tool clamping</b>	ER16A	ER16A	ER32UM	ER20A



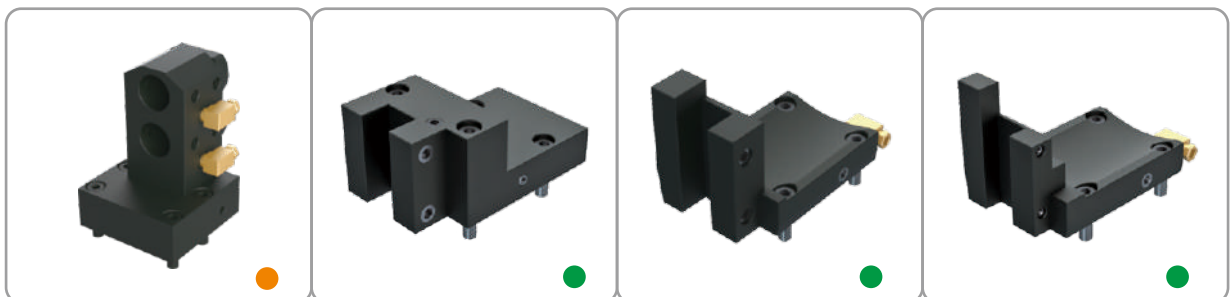
	Radial drilling/milling unit	2 spindle radial drilling/milling unit	Universal drilling/milling unit
<b>Product No.</b>	BM45MI1B0102	BM45MI1B0202	BM45MI1H1802
<b>Ref. No.</b>	2K701000	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	4000	6000	6000
<b>Tool clamping</b>	ER20A	ER16M	ER20M



	Turning holder	Turning holder	Turning holder	Turning holder
<b>Product No.</b>	BM45MI2A2001	BM45MI2A2005	BM45MI2B2002	BM45MI2B2001
<b>Ref. No.</b>	1X780100	1X780200	1X784100	1X784600
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	□20	□20	□20	□20



	Multiple holder	Boring bar holder	Turning holder	Boring bar holder
<b>Product No.</b>	BM45MI2E0001	BM45MI2D2501	BM38MI2A2006	BM38MI2D1501
<b>Ref. No.</b>	1X780500	1X780600	—	2K749001
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	□20 Ø25	Ø25	□20	Ø25



	Boring bar holder for sub spindle	Turning holder	Turning holder (cut-off)	Turning holder (Cut-off)
<b>Product No.</b>	BM38MI2D2503	BM45MI2A2003	BM45MI2A2004	BM45MI2A2006
<b>Ref. No.</b>	DV73B000	MYD020100	2X782401	2X782401
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø25	—	□20	□20x12

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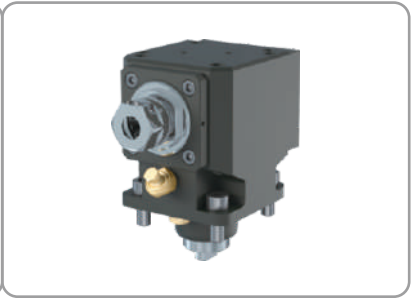
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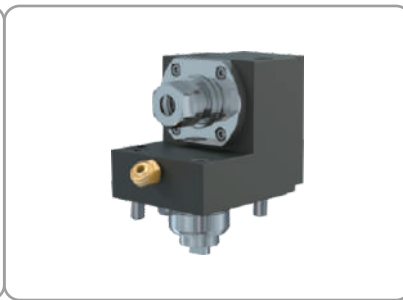
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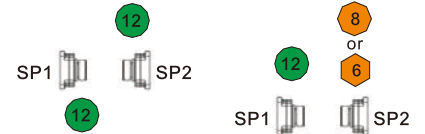
	Cross drilling/milling unit	Axial drilling/milling unit	Radial drilling/milling unit ic25bar
<b>Product No.</b>	BM38MI1A0104	BM38MI1A0201	BM38MI1B0102
<b>Ref. No.</b>	CG70A000	CL70A000	CG70C000
<b>Speed ratio</b>	1:1	1:1.66	1:1
<b>RPM Max.</b>	8000	6000	6000
<b>Tool clamping</b>	ER16A	ER11A	ER16A



	Radial drilling/milling unit	Radial drilling/milling unit	Radial drilling/milling unit
<b>Product No.</b>	BM38MI1B0105	BM38MI1B0101	BM38MI1B0202
<b>Ref. No.</b>	CG70C000	CG70D000	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16A	ER16A	ER11



	Radial drilling/milling unit	Double Radial drilling/milling unit	Turning holder (Cut-off)
<b>Product No.</b>	BM38MI1B0201	BM38MI1B0106	BM38MI2A2001
<b>Ref. No.</b>	CG70E000	—	CG73C000
<b>Speed ratio</b>	1:1	1:1	—
<b>RPM Max.</b>	6000	6000	—
<b>Tool clamping</b>	ER16A	ER16-NUT	□20



	Turning holder	Turning holder	Turning holder
<b>Product No.</b>	BM38MI2A2003	BM38MI2B2001	BM38MI2B2002
<b>Ref. No.</b>	CG73M000	CL73A001	CG73L000
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	<input type="checkbox"/> 20	<input type="checkbox"/> 20	<input type="checkbox"/> 20



	Boring bar holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	BM38MI2D2501	BM38MI2D3501	BM38MI2D4501
<b>Ref. No.</b>	CG73P000	CG73E000	CL73B000
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	Ø25	Ø25	Ø25

## BNC



	Turning holder	Turning holder	Cross drilling/milling unit
<b>Product No.</b>	BM38MI2A2005	BM38MI2A2004	BM38MI1A0102
<b>Ref. No.</b>	7S780100	7S780200	1U783000
<b>Speed ratio</b>	—	—	1:1
<b>RPM Max.</b>	—	—	6000
<b>Tool clamping</b>	<input type="checkbox"/> 20	<input type="checkbox"/> 20	ER16A



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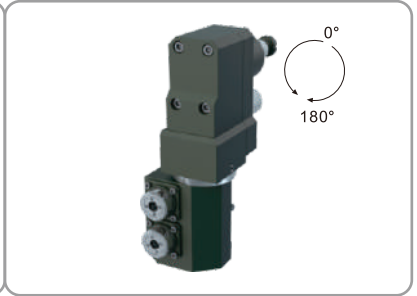
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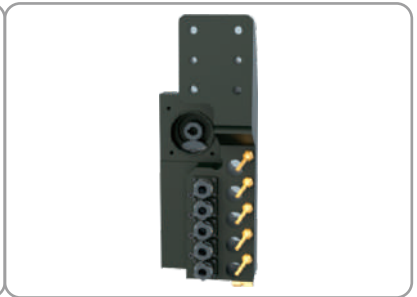
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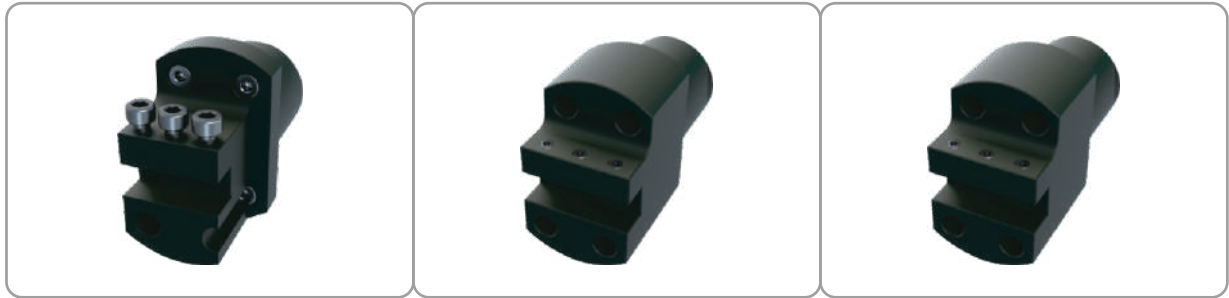
	<b>Gear hobbing unit</b>	<b>Cross drilling/milling unit, 2-spindle</b>	<b>2-spindle drilling/milling unit</b>
<b>Product No.</b>	CCBA610301	CCBA116301	CCBA2A2301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	Ø10xØ30x20	ER16A	ER11



	<b>4-spindle double drilling/milling unit</b>	<b>5-spindle double drilling/milling unit</b>	<b>5-spindle double drilling/milling unit</b>
<b>Product No.</b>	CCBA2B4301	CCBA2B5301	CCBA2B5302
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:2	1:2	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER20M*4/ER16M*4+Ø25*5	ER16A*5/ER11A*5+Ø25*5	ER16A*5/ER11A*5+Ø25*5



	<b>Slotting unit for sub spindle</b>	<b>Cross drilling/milling unit for sub spindle</b>
<b>Product No.</b>	CCBB700301	CCBB316301
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:0.75	1:1
<b>RPM Max.</b>	3000	5000
<b>Tool clamping</b>	Ø6/12.7xØ45	ER16

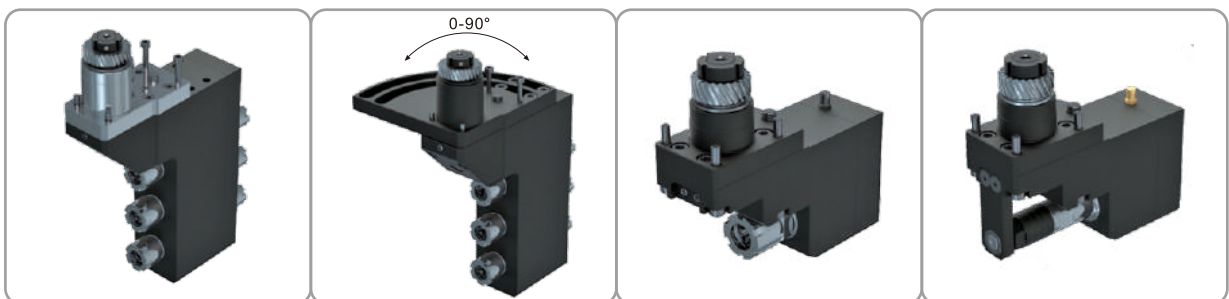


	Turning holder for sub spindle	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	CCBB912302	CCBB912301	CCBB916301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	□12	□12	□16



	Drill holder for sub spindle	Boring bar holder for sub spindle	Drill holder for sub spindle
<b>Product No.</b>	CCBB81Q302	CCBB82Q302	CCBB82Q301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	ER20A	Ø12	Ø25

## SY2-45



	Drilling/milling unit	Drilling/milling unit, Angle adj. 0~90°	Cross drilling/milling unit for sub spindle	Slotting unit for sub spindle
<b>Product No.</b>	CCSA2B3401	CCSA2B3402	CCSB320401	CCSB712401
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1.026	1:1.026
<b>RPM Max.</b>	6000	6000	6000	6000
<b>Tool clamping</b>	ER20M	ER20M	ER20M	Ø12.7xØ70

## CT-52YM

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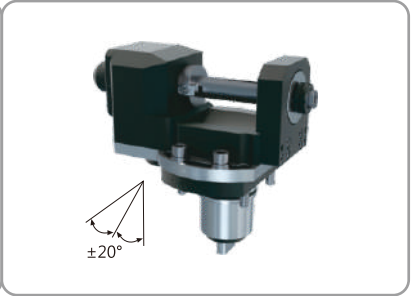
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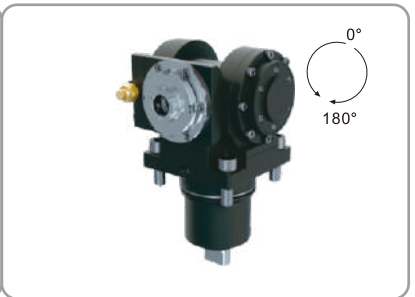
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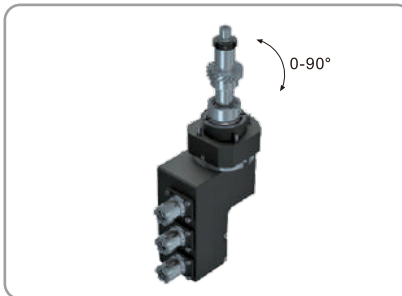
	Axial drilling/milling unit	Axial drilling/milling unit  30bar	Gear hobbing unit
<b>Product No.</b>	BM65NK1A0101	BM65NK1A0102	BM65NK1F2221
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	2:1
<b>RPM Max.</b>	6000	6000	3000
<b>Tool clamping</b>	ER32UM	ER32UM	Ø22.225xØ80x80



	Radial drilling/milling unit	Radial drilling/milling unit  30bar	Universal drilling/milling unit
<b>Product No.</b>	BM65NK1B0101	BM65NK1B0102	BM65NK1H1801
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER32UM	ER32UM	ER20

## CY2-52

## SY2-42E



	Drilling/milling unit	Drilling/milling unit	Cross drilling/milling unit for sub spindle
<b>Product No.</b>	CCYA2A3502	CCYA2A3503	CCSB316401
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M	ER16A



## YB Series

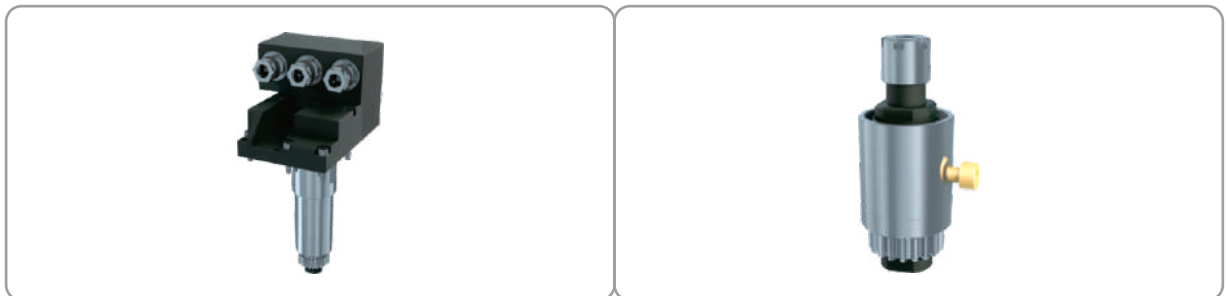


	Tool holder	Cross drilling/milling unit	2-spindle drilling/milling unit
<b>Product No.</b>	NUYA0001	NUYA120201	NUYA2A2301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	1:1	1:1
<b>RPM Max.</b>	—	6000	6000
<b>Tool clamping</b>	—	ER20M	ER16M



	Drill holder for sub spindle (deep hole)	Drilling/milling unit for sub spindle
<b>Product No.</b>	NUYB81Q305	NUYB111301
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	1:1
<b>RPM Max.</b>	—	6000
<b>Tool clamping</b>	ER16M	ER11M

## Other



	3-spindle drilling/milling unit	Cross drilling/milling unit 
<b>Product No.</b>	NUJA2A3201	NUBA108201
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER11A	ER8M



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## SB Series

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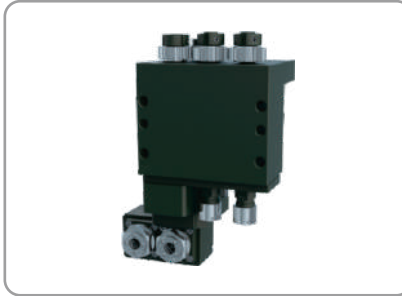
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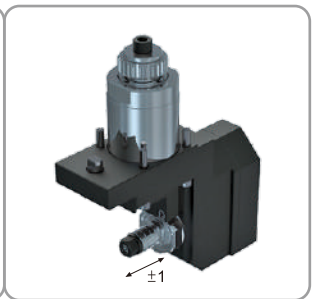
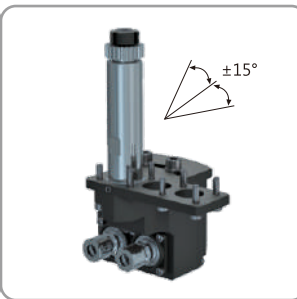
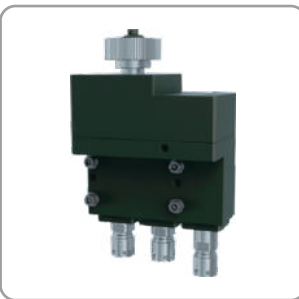
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	4-spindle drilling/milling unit	Cross drilling/milling unit, 3-spindle	2-spindle drilling/milling unit
<b>Product No.</b>	NUSA2A4101	NUSA111102	NUSA2A2102
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER11	ER11M	ER11



	Cross drilling/milling unit, 2-spindle	Cross drilling/milling unit, 3-spindle	Drilling/milling unit, Angle adj. 0~90°	Slotting unit for sub spindle
<b>Product No.</b>	NUSA116101	NUSA116102	NUSA2A2101	NUSB706101
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1.59:1	1:1	1:1	1:0.55
<b>RPM Max.</b>	6000	6000	6000	4000
<b>Tool clamping</b>	ER16M	ER16M	ER11M	Ø5/Ø6/Ø8/Ø10/Ø12.7/Ø13

## UB Series

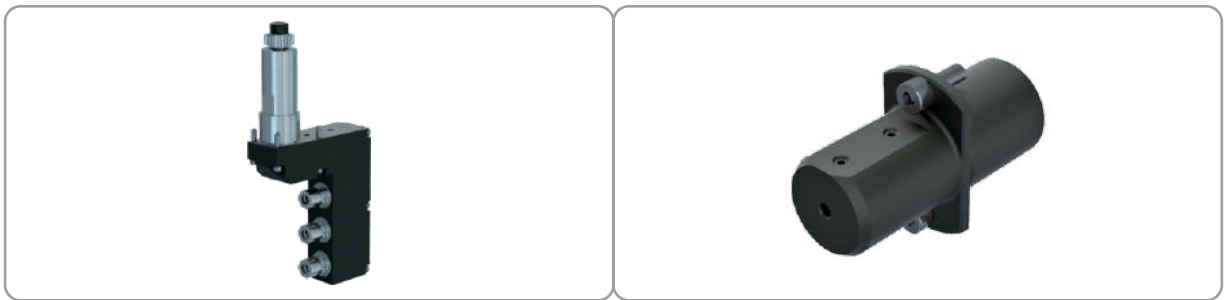


	Drill holder for sub spindle	Drill holder for sub spindle	Sub Spindle Boring Bar Holder
<b>Product No.</b>	NUUB81Q202	NUUB81Q204	NUUB82A200
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>RPM Max.</b>	—	—	—
<b>Tool clamping</b>	ER16M	ER16M	Ø6/8/10/12

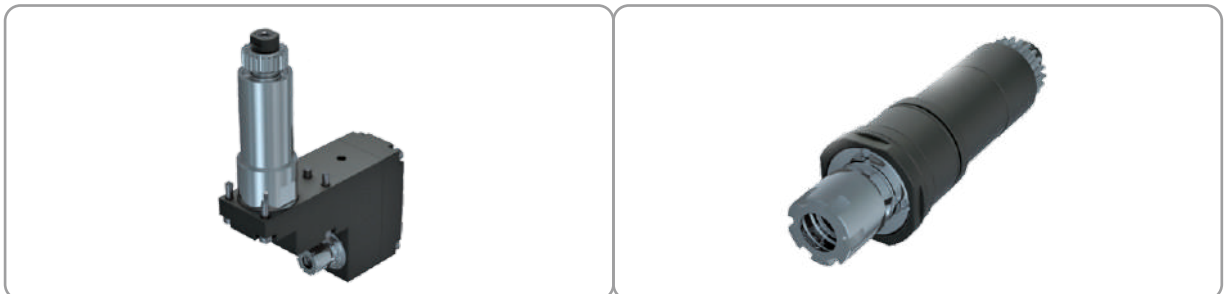
## UB Series



	Cross drilling/milling unit	Cross drilling/milling unit	Idler shaft
<b>Product No.</b>	NUUA116204	NUUA116201	NUUA100000
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	—
<b>RPM Max.</b>	6000	6000	—
<b>Tool clamping</b>	ER16M	ER16M	—



	3-spindle drilling/milling unit	Sub Spindle Boring Bar Holder
<b>Product No.</b>	NUUA2A3202	NUUB82Q206
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	—
<b>RPM Max.</b>	6000	—
<b>Tool clamping</b>	ER11M	Ø6



	Drilling/milling unit	Axial drilling/milling unit
<b>Product No.</b>	NUJA2A1201	NUUA116202
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER11M	ER16M

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## Back Processing Static Tool Holder Shaft: Ø22, Ø23

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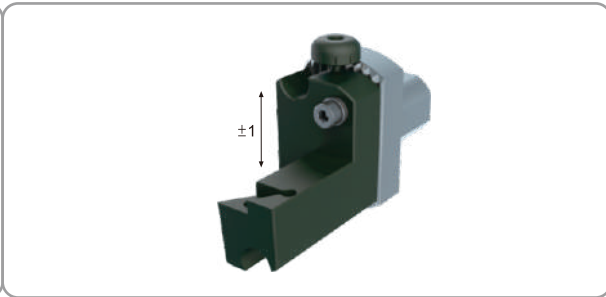
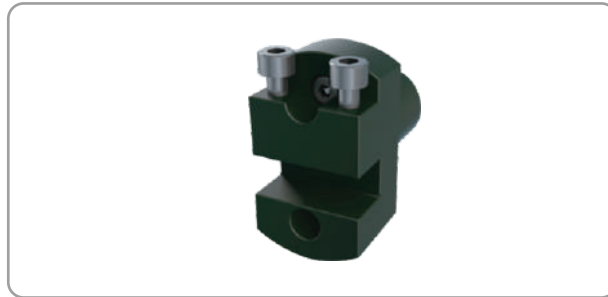
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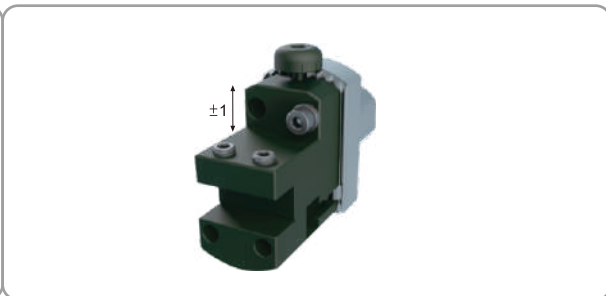
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	Drill holder for sub spindle	Drill holder for sub spindle	Drill holder for sub spindle (deep hole)
<b>Product No.</b>	NUUB81Q201 / NUUB81Q203	NUYB81Q301 / NUYB81Q302	NUYB81Q304 / NUYB81Q303
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	—	—	—
<b>Shank diameter</b>	Ø22 / Ø23	Ø22 / Ø23	Ø22 / Ø23
<b>Tool clamping</b>	ER16M	ER16M	ER16M



	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	NUUB910201 / NUUB910202	NUUBA22000+COMBADL550
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>Shank diameter</b>	Ø22 / Ø23	Ø22
<b>Tool clamping</b>	□10	DC..11T3

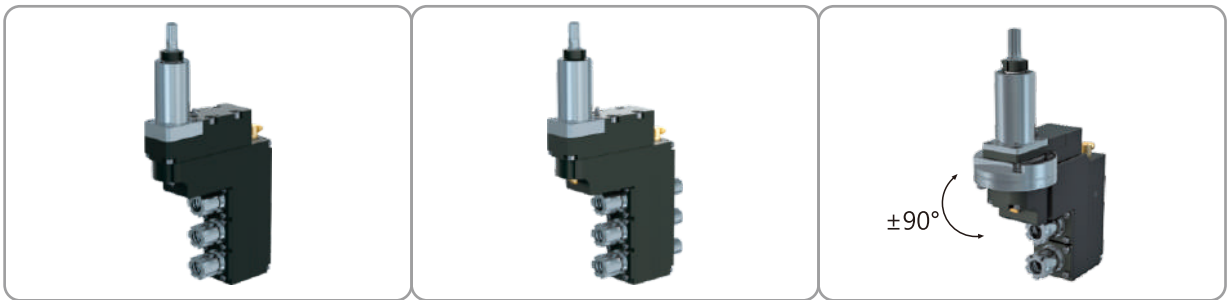


	Turning holder for sub spindle	Turning holder for sub spindle
<b>Product No.</b>	NUUBA22000+COMBADR550	NUUBA22000+COMBAC1000
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>Shank diameter</b>	Ø22	Ø22
<b>Tool clamping</b>	DC.11T3	□10

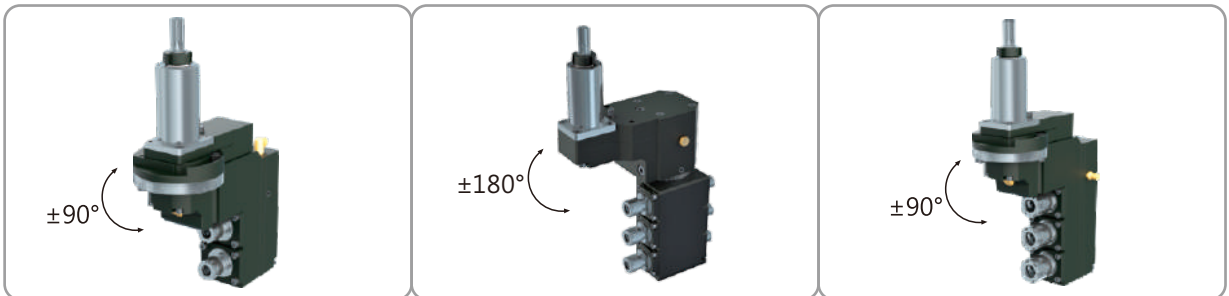
## XD20H



	Cross drilling/milling unit	Cross drilling/milling unit	2-spindle drilling/milling unit
<b>Product No.</b>	HWDA116201	HWDA116203	HWDA2A2201
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	6000
<b>Tool clamping</b>	ER16A	ER16M	ER16M



	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	Drilling/milling unit, Angle adj. 0~90°
<b>Product No.</b>	HWDA2A3201	HWDA2B3202	HWDA2A2202
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	8000
<b>Tool clamping</b>	ER16M	ER16M/ER11M	ER16M



	2-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle drilling/milling unit
<b>Product No.</b>	HWDA2A2203	HWDA2B3209	HWDA2A3202
<b>Ref. No.</b>	—	HWX591300	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	8000	8000	8000
<b>Tool clamping</b>	ER11M	ER11M/ER8M	ER16M

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## XD20H

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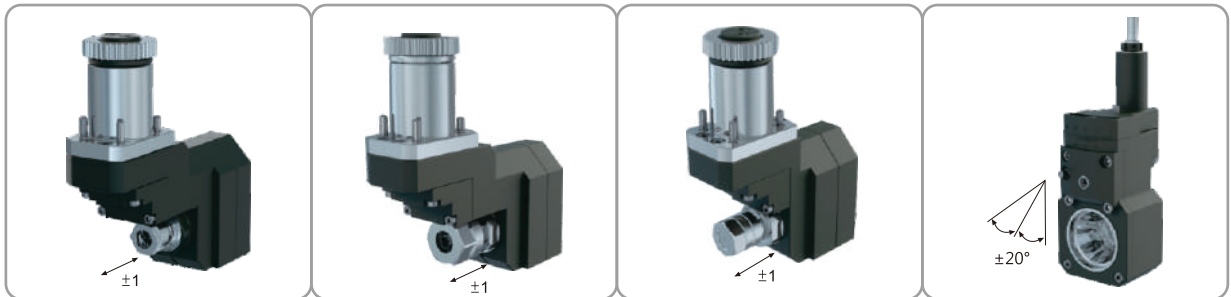


3-spindle double drilling/milling unit

Drilling/milling unit for sub spindle

Cross drilling/milling unit for sub spindle

<b>Product No.</b>	HWDA2B3204	HWDB116201	HWDB311201
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:0.55
<b>RPM Max.</b>	8000	8000	4000
<b>Tool clamping</b>	ER16M/ER11M	ER16A	ER11A



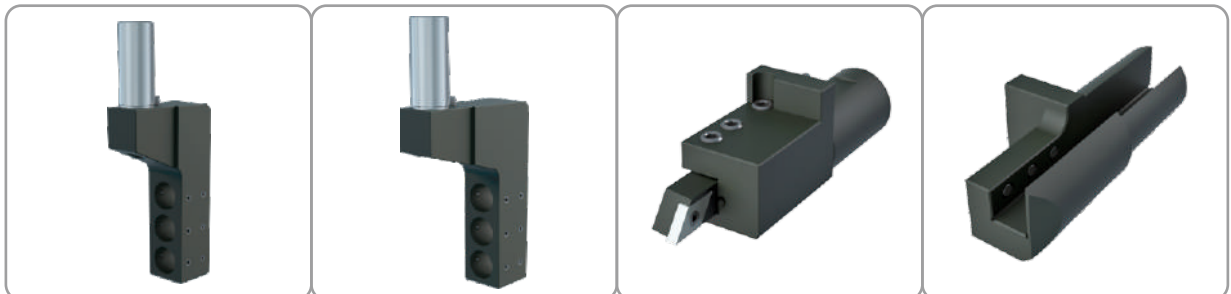
Cross drilling/milling unit for sub spindle

Cross drilling/milling unit for sub spindle

Slotting unit for sub spindle

Thread whirling unit

<b>Product No.</b>	HWDB311202	HWDB316202	HWDB700201	HWDA545205
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1:1	1:0.55	1:0.55	1:1
<b>RPM Max.</b>	4000	4000	4000	6000
<b>Tool clamping</b>	ER11A	ER16A	Ø5/6/8/10/12.7/13xØ50	Utilis no.119287



Boring bar holder

Boring bar holder

Turning holder

Turning holder

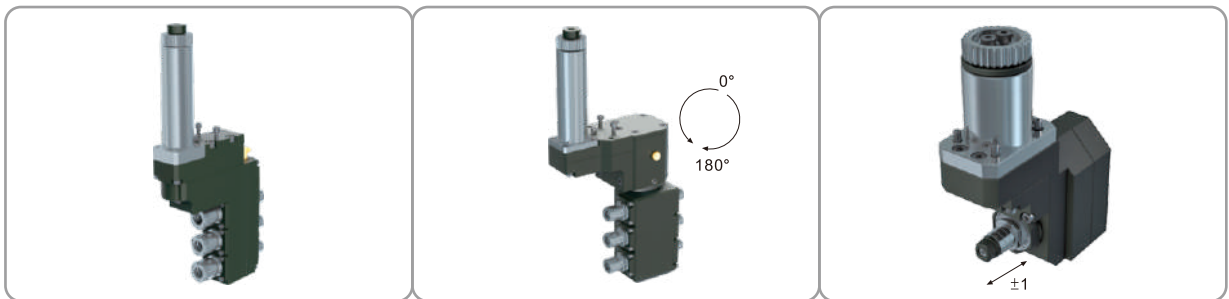
<b>Product No.</b>	HWDA803201	HWDA803202	HWDA912201	HWDA912202
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	Ø25	Ø25	□12	□12



## XD20HII

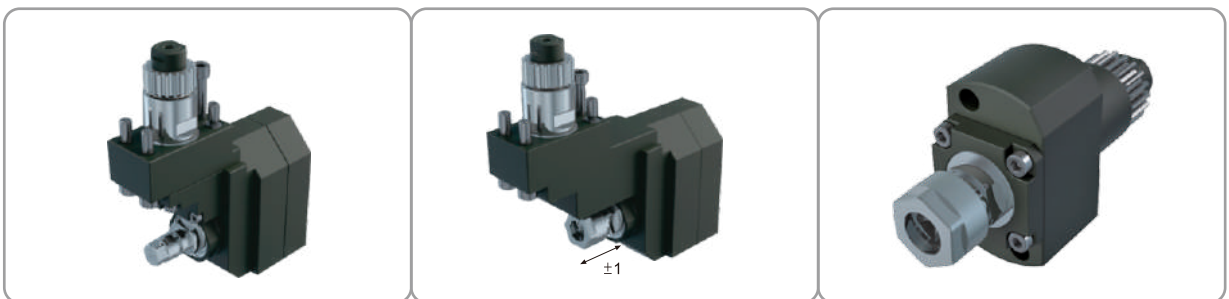


	Cross drilling/milling unit	Cross drilling/milling unit	3-spindle drilling/milling unit
<b>Product No.</b>	HWDA116202	HWDA116204	HWDA2A3203
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:3	1:1
<b>RPM Max.</b>	6000	18000	6000
<b>Tool clamping</b>	ER16A	ER11A	ER16M



	3-spindle double drilling/milling unit	3-spindle double drilling/milling unit	Slotting unit for sub spindle
<b>Product No.</b>	HWDA2B3207	HWDA2B3208	HWDB706203
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:0.55
<b>RPM Max.</b>	6000	8000	4000
<b>Tool clamping</b>	ER16M/ER11M	ER11M/ER8M	Ø6/12.7/13xØ50

## XD12H



	Slotting unit for sub spindle	Cross drilling/milling unit for sub spindle	Drilling/milling unit for sub spindle
<b>Product No.</b>	HWDB700101	HWDB311101	HWDB111101
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:0.55 ↓ HWDB700101	1:0.55 ↓	1:1
<b>RPM Max.</b>	4000	4000	6000
<b>Tool clamping</b>	Ø5/6/8/10/12.7/13xØ50	ER11A	ER11

## XD32H

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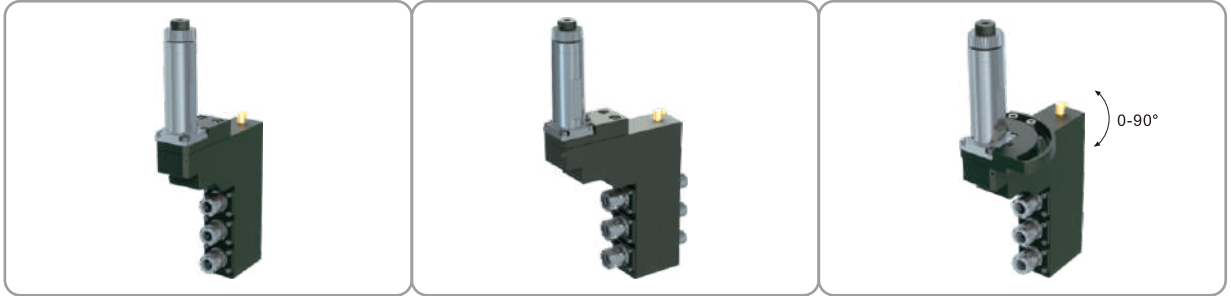
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JINNFA

DOOSAN

NAKAMURA

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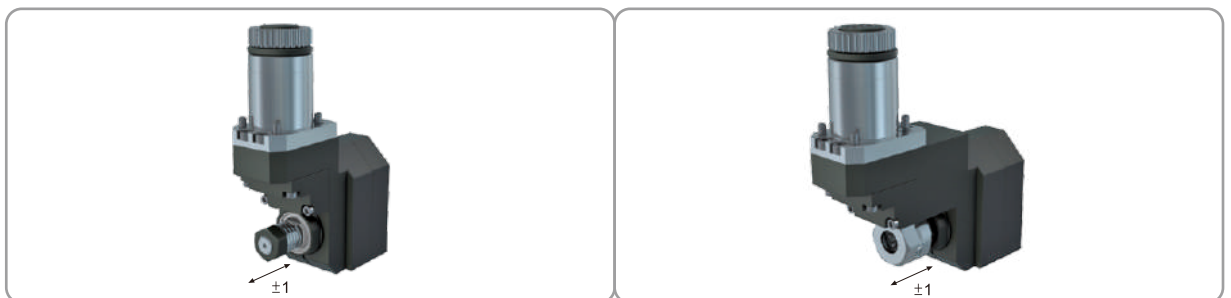


	3-spindle drilling/milling unit	3-spindle double drilling/milling unit	3-spindle drilling/milling unit
<b>Product No.</b>	HWDA2A3302	HWDA2B3302	HWDA2A3301
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1
<b>RPM Max.</b>	6000	6000	6000
<b>Tool clamping</b>	ER16M	ER16M/ER11M	ER16M



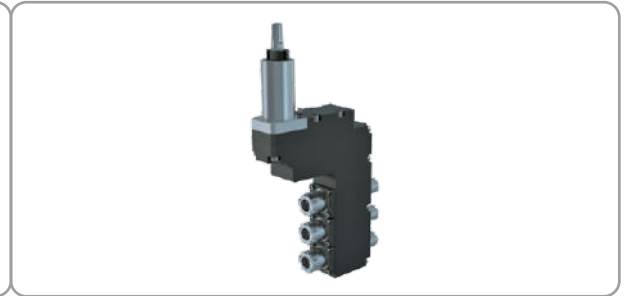
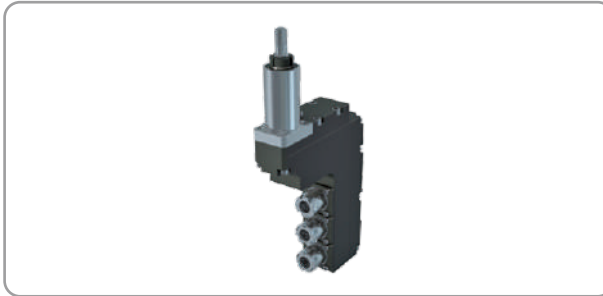
	Cross drilling/milling unit for sub spindle	Slotting unit for sub spindle	Slotting unit for sub spindle
<b>Product No.</b>	HWDB316301	HWDB700301	HWDB700302
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:0.77	1:0.77	1:0.55
<b>RPM Max.</b>	4000	4000	4000
<b>Tool clamping</b>	ER16A	Ø5/6/8/10/12.7/13xØ60	Ø5/6/8/10/12.7/13xØ50

## XD-20IIV



	Slotting unit for sub spindle	Cross drilling/milling unit for sub spindle
<b>Product No.</b>	HWDB700202	HWDB316203
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:0.55	1:0.55
<b>RPM Max.</b>	4000	4000
<b>Tool clamping</b>	Ø6/8/10/12.7/13xØ50	ER16A

## XD-35N



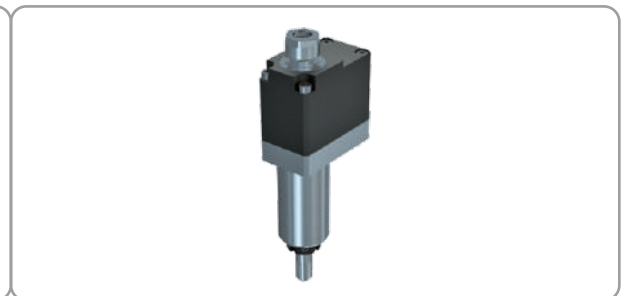
	3-spindle drilling/milling unit	3-spindle double drilling/milling unit
<b>Product No.</b>	HWDA2A3303	HWDA2B3304
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER16M	ER16M/ER11M

## XD-07



	Polygon unit	Polygon unit
<b>Product No.</b>	HWDA400101	HWDA411101
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	4000	4000
<b>Tool clamping</b>	Ø8	ER11M

## XD20V



	Cross drilling/milling unit for sub spindle	Cross drilling/milling unit
<b>Product No.</b>	HWDB316201	HWDA111202
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:3
<b>RPM Max.</b>	6000	18000
<b>Tool clamping</b>	ER16M	ER11A



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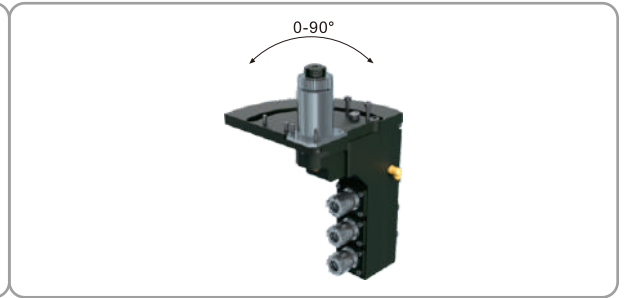
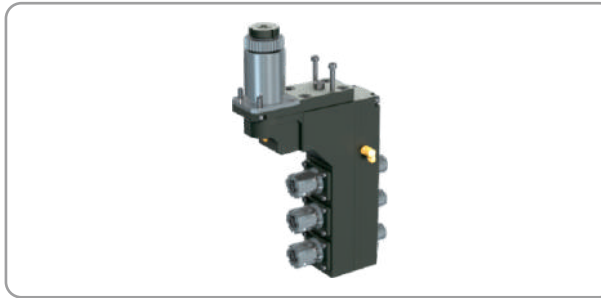
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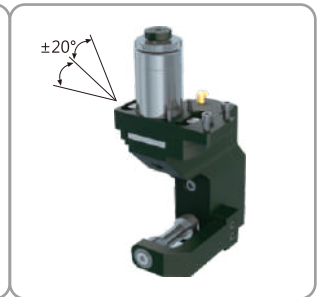
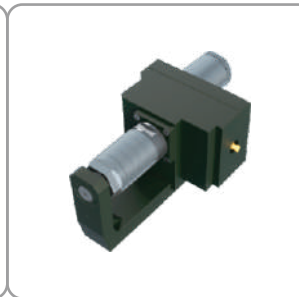
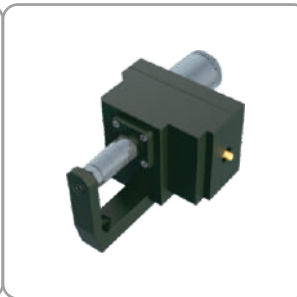


3-spindle double drilling/milling unit

3-spindle double drilling/milling unit

<b>Product No.</b>	JSSA2B3401	JSSA2B3402
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER16M/ER11M	ER16M/ER11M

## JSL-42RB/RBY



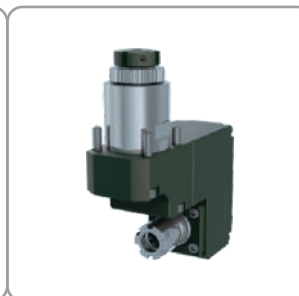
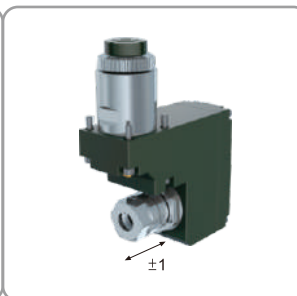
Thread whirling unit

Slotting unit

Slotting unit

Gear hobbing unit

<b>Product No.</b>	JSSA545401	JSSA712401	JSSA725401	JSSA616401
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1:1	1:0.374	1:0.374	1:1
<b>RPM Max.</b>	6000	4000	4000	6000
<b>Tool clamping</b>	Utilis no.119287	Ø12.7xØ100	Ø25.4xØ110	Ø16xØ40x42



Drilling/milling unit for sub spindle

Cross drilling/milling unit for sub spindle

Cross drilling/milling unit for sub spindle

Cross drilling/milling unit for sub spindle

<b>Product No.</b>	JSSB120401	JSSB316401	JSSB316403	JSSB316402
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1	1:1
<b>RPM Max.</b>	8000	4000	6000	6000
<b>Tool clamping</b>	ER20M	ER16A	ER16M	ER16M


## BMT-45

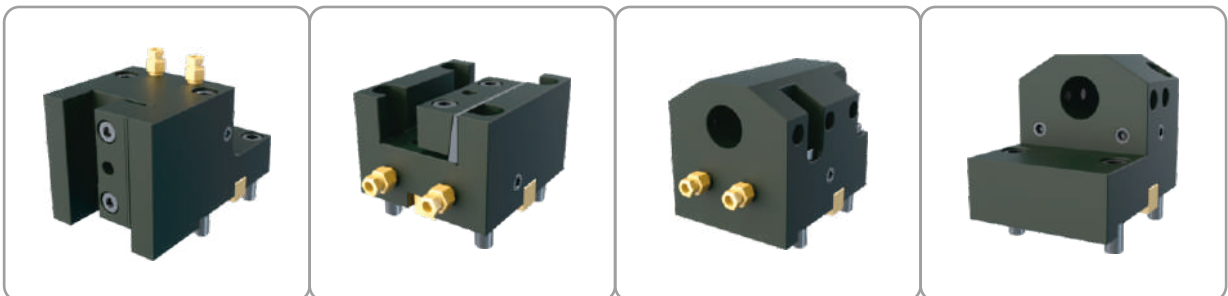


	Cross drilling/milling unit	Radial drilling/milling unit  25bar
<b>Product No.</b>	BM45DS1A0101	BM45DS1B0102
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	1:1	1:1
<b>RPM Max.</b>	6000	6000
<b>Tool clamping</b>	ER25UM	ER25UM

## BMT-55



	Radial drilling/milling unit  30bar	Radial drilling/milling unit	Axial drilling/milling unit	Turning holder (cut-off)
<b>Product No.</b>	BM55DS1B0101	BM55DS1B0102	BM55DS1A0101	BM55DS2A2501
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1	—
<b>RPM Max.</b>	6000	6000	6000	—
<b>Tool clamping</b>	ER25UM	ER25UM	ER25UM	□25



	Turning holder	Turning holder	Boring bar holder	Boring bar holder
<b>Product No.</b>	BM55DS2A2503	BM55DS2A2502	BM55DS2D1501	BM55DS2D1502
<b>Ref. No.</b>	—	—	—	—
<b>Speed ratio</b>	—	—	—	—
<b>RPM Max.</b>	—	—	—	—
<b>Tool clamping</b>	□25	□25	Ø25	Ø25

## BMT-65

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**Cross drilling/milling unit**  25bar

**Radial drilling/milling unit**  25bar

**Product No.** BM65DS1A0102

**Product No.** BM65DS1B0104

**Ref. No.** –

**Ref. No.** –

**Speed ratio** 1:1

**Speed ratio** 1:1


**RPM Max.** 6000

**RPM Max.** 6000

**Tool clamping** ER32

**Tool clamping** ER32



**Radial drilling/milling unit**  25bar

**Product No.** BM65DS1B0101

**Ref. No.** –

**Speed ratio** 1:1

**RPM Max.** 6000

**Tool clamping** ER32

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

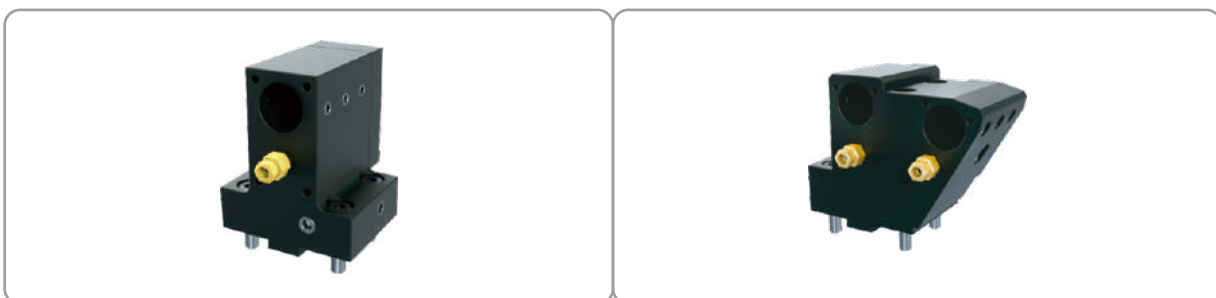


	Axial drilling/milling unit	Radial drilling/milling unit	Turning holder (cut-off)
<b>Product No.</b>	BM55NK1A0101	BM55NK1B0101	BM55NK2A2001
<b>Ref. No.</b>	—	—	—
<b>Speed ratio</b>	1:1	1:1	—
<b>RPM Max.</b>	6000	6000	—
<b>Tool clamping</b>	ER25UM	ER25UM	□20

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



	Turning holder	Turning holder
<b>Product No.</b>	BM44NK2A2001	BM44NK2B2001
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	□20	□20



	Boring bar holder	Boring bar holder
<b>Product No.</b>	BM44NK2D1501	BM44NK2D2501
<b>Ref. No.</b>	—	—
<b>Speed ratio</b>	—	—
<b>RPM Max.</b>	—	—
<b>Tool clamping</b>	Ø25	Ø25

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**Sub Spindle Boring Bar Holder**

**Sub Spindle Boring Bar Holder**

<b>Product No.</b>	GDTB82Q220
<b>Ref. No.</b>	—
<b>Speed ratio</b>	—
<b>RPM Max.</b>	—
<b>Tool clamping</b>	Ø20

<b>Product No.</b>	GDTB82Q225
<b>Ref. No.</b>	—
<b>Speed ratio</b>	—
<b>RPM Max.</b>	—
<b>Tool clamping</b>	Ø25

### SW32



**Cross drilling/milling unit**

**3-spindle drilling/milling unit**

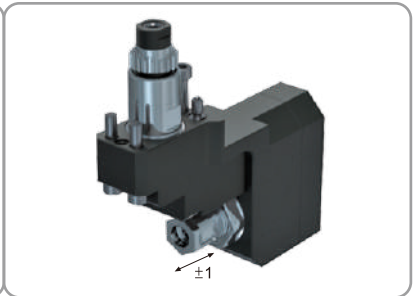
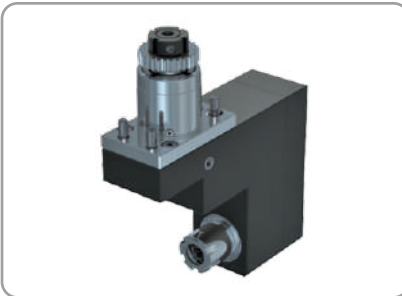
**Drilling/milling unit for sub spindle**

**Drill holder for sub spindle**

<b>Product No.</b>	GDWA120301	GDWA2A3301	GDWB120301	GDWB81Q301
<b>Ref. No.</b>	LL-30U4A-A00	—	—	—
<b>Speed ratio</b>	1:1	1:1	1:1	—
<b>RPM Max.</b>	6000	8000	6000	—
<b>Tool clamping</b>	ER20	ER20M	ER20M	ER20M

### SW32II

### SW20



**Cross drilling/milling unit for sub spindle**

**Drill holder for sub spindle**

**Cross drilling/milling unit for sub spindle**

<b>Product No.</b>	GDWB316301	GDWB81Q201	GDWB311201
<b>Ref. No.</b>	—	LC-3004	—
<b>Speed ratio</b>	1:1	—	1:1
<b>RPM Max.</b>	6000	—	4000
<b>Tool clamping</b>	ER16M	ER16M	ER11A



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