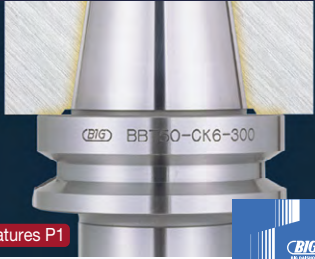


Dual Contact System



Features P1



BIG-PLUS Spindle System

BBT SHANK.....	A1
BDV SHANK.....	B2

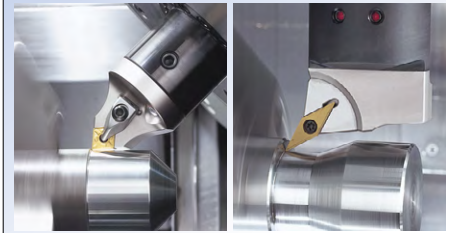
Dual Contact System



HSK TOOLING SYSTEM Features P3

HSK-A Type.....	C1
HSK-E Type.....	C51
HSK-F Type.....	C58

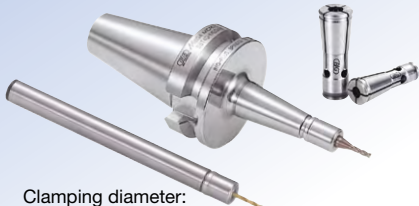
Dual Contact System



MILLTURN TOOLING Features E1

BBT SHANK.....	E11
HSK-T Type.....	E17
BIG CAPTO SHANK.....	E23
Cartridge.....	E7

For High Speeds



Clamping diameter:
ø0.45 - ø8.05

MEGA MICRO CHUCK Features P4/P5

BBT SHANK.....	A1
DV SHANK.....	B1
HSK SHANK.....	C1/C51/C58
ST SHANK.....	D1
BIG CAPTO SHANK.....	E31
For N/C Lathes.....	F1

For High Speeds



Clamping diameter:
ø0.25 - ø25.4

MEGA NEW BABY CHUCK Features P4/P6

BBT SHANK.....	A3
BDV/DV SHANK.....	B2
HSK SHANK.....	C3/C53/C59
ST SHANK.....	D2
BIG CAPTO SHANK.....	E32

For High Speeds



Clamping diameter:
ø3 - ø12

MEGA E CHUCK Features P4/P7

BBT SHANK.....	A7
BDV SHANK.....	B4
HSK SHANK.....	C7/C60
BIG CAPTO SHANK.....	E35

For High Speeds



Clamping diameter:
ø16 - ø50

MEGA DOUBLE POWER CHUCK Features P4/P8

BBT SHANK.....	A9
BDV SHANK.....	B5
HSK SHANK.....	C9/C61
BIG CAPTO SHANK.....	E37

Hydraulic Chuck



Clamping diameter:
ø3 - ø42

HYDRAULIC CHUCK Features P9

BBT SHANK.....	A13-A66
BDV SHANK.....	B7
HSK SHANK.....	C12/C55/C62
ST SHANK.....	D5
BIG CAPTO SHANK.....	E40

Collet Chuck



Clamping diameter:
ø0.25 - ø20

NEW BABY CHUCK Features P11

BT SHANK.....	A23
DV SHANK.....	B8
HSK SHANK.....	C16
ST SHANK.....	D3
BIG CAPTO SHANK.....	E39
For N/C Lathes.....	F1

Runout Adjustable Chuck



Runout Adjustable RA Holder NEW Hi- POWER MILLING CHUCK

BBT SHANK.....	A32
HSK SHANK.....	C20

Runout Adjustable Chuck



Runout Adjustable RA Holder NEW BABY CHUCK

BBT SHANK.....	A28
HSK SHANK.....	C18

Milling Chuck



Clamping diameter:
ø12 - ø50.8

NEW Hi- POWER MILLING CHUCK Features P13

BBT/BT SHANK.....	A29
DV SHANK.....	B6
HSK SHANK.....	C19
ST SHANK.....	D5
BIG CAPTO SHANK.....	E41

Milling Chuck



Clamping diameter:
 $\phi 16 - \phi 32$

MEGA PERFECT GRIP

Features P14

BBT SHANKA33
HSK SHANKC21

Side Lock Holder for Mold Making



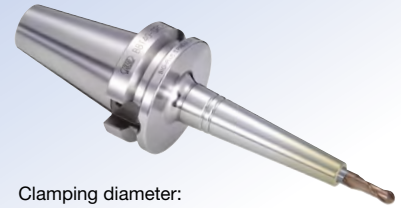
Clamping diameter:
 $\phi 3 - \phi 20$

MOLD CHUCK

Features P15

BBT SHANKA34
HSK SHANKC22

Shrink Fit Holder



Clamping diameter:
 $\phi 4 - \phi 20$

SHRINK CHUCK

BBT SHANKA35
HSK SHANKC23/C56
ST SHANKD6
BIG CAPTO SHANKE42

Boring Tool



CK BORING SYSTEM

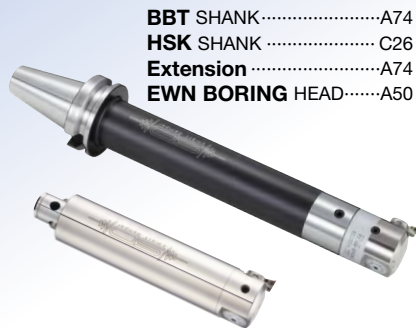
Features P16

BORING HEADA39
BBT/BT SHANKA71
IV/DV SHANKB9
HSK SHANKC25/C62
ST SHANKD10
BIG CAPTO SHANKE43

Holder with Built-In Damper

SMART DAMPER CK BORING SYSTEM

Features P19



BBT SHANKA74
HSK SHANKC26
ExtensionA74
EWN BORING HEADA50

Holder with Built-In Damper



SMART DAMPER FACE MILL ARBOR TYPE FMH

Features P19

BBT SHANKA110
HSK SHANKC29

General Tools



General Tools

BBT/BT SHANKA107
BDV SHANKB11
HSK SHANKC27/C56/C63
BIG CAPTO SHANKE46

Tapper



TAPPER SERIES

Features P20

BBT/BT SHANKA131
HSK SHANKC34
ST SHANKD9
BIG CAPTO SHANKE45
 For N/C LathesF5

Tapper



MEGA SYNCHRO TAPPING HOLDER

Features P21

BBT/BT SHANKA121
DV SHANKB10
HSK SHANKC33
ST SHANKD9
BIG CAPTO SHANKE44
 For N/C LathesF5

Angle Head



ANGLE HEAD

Features P23

BBT SHANKA141
BDV SHANKB12
HSK SHANKC36

Coolant Feed



HI-JET HOLDER

Features P24

BBT/BT SHANKA159
DV SHANKB20

Speed Inceaser

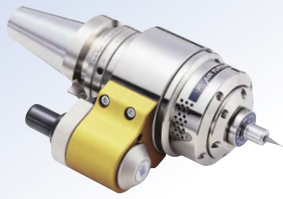


HIGH SPINDLE

Features P24

BBT SHANKA169
BDV SHANKB19

Air Spindle

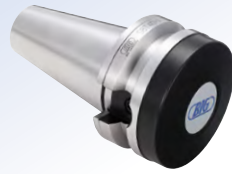


Fine Machine Tooling

AIR TURBINE SPINDLE Features P25

- BBT SHANK**A165
- BDV SHANK**B18
- HSK SHANK**C49

Other Tools



FLANGE FACE CLEANER

- BT SHANK**A171
- DV SHANK**B21

Pullstud Bolt



PULLSTUD BOLT

.....G27

⚠ Caution
Only use PULLSTUD BOLTS made by BIG. Accuracy is not guaranteed if poor-quality PULLSTUD BOLTS are used.

N/C Lathe Tooling



N/C LATHE TOOLING.....F1

Peripherals



TOOLING MATE UNIVERSAL

.....H2

TOOLING MATE

.....H1

Peripherals



HOLDER LOCK

.....H3

ST LOCK

.....H3



HSK/BIG CAPTO
Tool Clamp Stand

KOMBI GRIP.....H3

Peripherals



TK CLEANER

.....H4

α WIPER CLEANER

.....H4

α TAPER CLEANER

.....H5

Peripherals



SPINDLE CLEANER

.....H5

α TOOLING CLEANER

.....H5

Peripherals



TOOLING WAGON

.....H7



T-SLOT CLEAN.....H6

Touch Probe & Edge Finder



POINT MASTER SERIES Features P27

.....I1

Touch Probe & Edge Finder



ACCU CENTER Features P27

.....I5

3D MASTER RED Features P27

.....I5

Tool Offset Sensor



BASE MASTER SERIES Features P28

.....I6

Tool Offset Sensor



TOOL MASTER

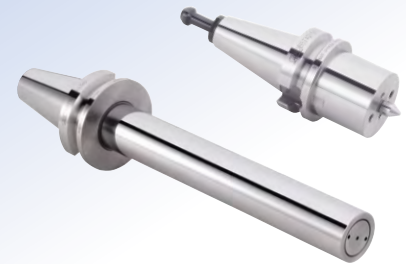
Features P28
.....I8

Tool Presetter



**TOOL
PRESETTER
TPS**
.....I9

Measuring Instrument



High-Precision Test Bar
DYNA TEST Features P29
.....I11

Measuring Instrument



Measuring Device for Pulling Force
DYNA FORCE Features P29
.....I14

Measuring Instrument



ATC Arm Positioning Tool
ATC ALIGNMENT TOOL
.....I15

Measuring Instrument



Precision Electron Level
LEVEL MASTER
.....I16

Measuring Instrument



ACCU STAND I17

Measuring Instrument



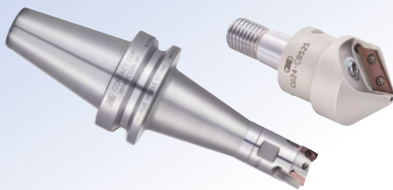
Laser Light Workpiece Positioning Tool
LASER MULTI LINE MC I21

Indexable Insert Endmill



FULLCUT MILL Features P30
BBT SHANK J1/J7
BDV SHANK J2/J9
HSK SHANK J3/J11
ST SHANK J2/J10

Modular Tool with Taper & Face Contact



CONTACT GRIP
BBT SHANK J19
HSK SHANK J20
BIG CAPTO SHANK J20
HEAD J17

Indexable Insert Endmill



**FULLCUT MILL
FCM ARBOR Type** Features P32
..... J21

Aluminum/Cast Iron High-Speed Machining Cutter



SPEED FINISHER Features P31
..... J23

Face Mill Cutter



SURFACE MILL Features P32 J25

Ultra High Feed Chamfer Mill



C-CUTTER MINI Features P33 J26

Chamfering Tool



C-CUTTER Features P34 J33

Chamfering Tool



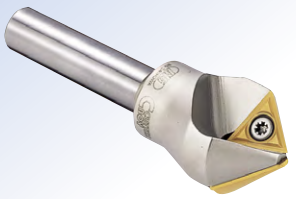
C-CUTTER MICRO J36

Chamfering Tool



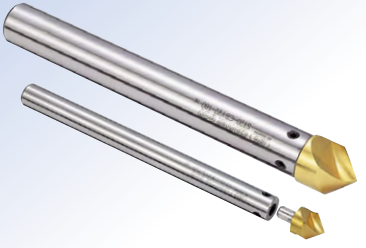
R-CUTTER Features P35 J37

Chamfering Tool for Drilling Machine



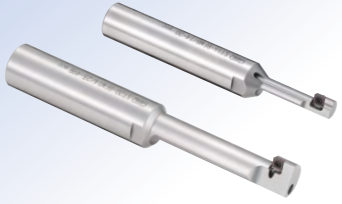
C-CUTTER BOY Features P36 J39

Centering + Chamfering Tool



CENTER BOY Features P35 J40

Back Spot Facing Tool



BF-CUTTER Features P36 J41

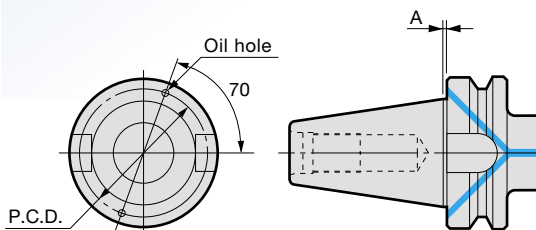
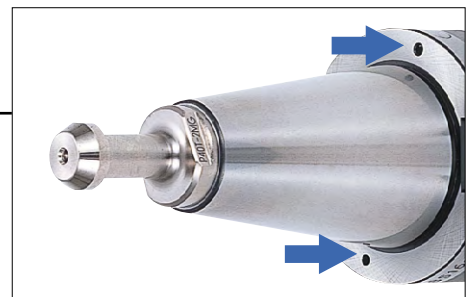
Back Spot Facing Tool



AUTOMATIC BACK SPOT FACER Features P37 J43

Flange Through Tooling DIN69871/B

We also offer German DIN69871/B Flange Through Tooling specification with coolant supplied to the cutting edge from the machine spindle flange face.



Size	P.C.D.	A
BBT40	54	1
BBT50	84	1.5
BT40	54	2
BT50	84	3

BBT and BT holders have different lengths between the gauge line and flange face. Use of the correct holder for each machine spindle is required.

Please contact us for details.

<p>BBT/BT SHANK</p> <p>JIS B 6339 (BIG-PLUS) JIS B 6339</p>	<p>A</p> <p>A 1 - A 171</p>
<p>BDV/DV SHANK</p> <p>DIN 69871 A/B (BIG-PLUS) DIN 69871 A/B</p>	<p>B</p> <p>B 1 - B 21</p>
<p>HSK SHANK</p> <p>Form A DIN 69893-1 Form E DIN 69893-5 Form F DIN 69893-6</p>	<p>C</p> <p>C 1 - C 63</p>
<p>CYLINDRICAL SHANK</p>	<p>D</p> <p>D 1 - D 13</p>
<p>MILLTURN TOOLING</p>	<p>E</p> <p>E 1 - E 51</p>
<p>N/C LATHE TOOLING</p>	<p>F</p> <p>F 1 - F 7</p>
<p>ACCESSORIES</p>	<p>G</p> <p>G 1 - G 31</p>
<p>PERIPHERALS</p>	<p>H</p> <p>H 1 - H 7</p>
<p>MEASURING TOOLS</p>	<p>I</p> <p>I 1 - I 21</p>
<p>CUTTING TOOLS</p>	<p>J</p> <p>J 1 - J 49</p>