



Motors & Spindles, Micro-grinders

Ultra-Precision Electrically / Pneumatically Driven

Precision & Reliability

NSK America

NAKANISHI
E4000 CONTROL UNIT

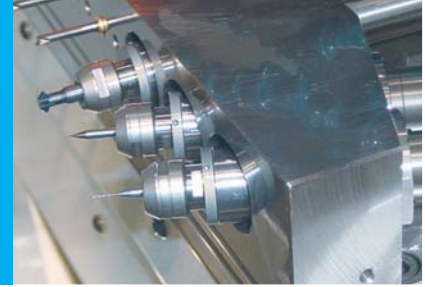
AMERICAN ROTARY TOOLS CO. (ARTCO TOOLS)
250 WEST DUARTE ROAD, #E
MONROVIA, CA USA 91016-7464

Tel: (626) 358-8466 Fax: (626) 358-0076
Toll Free USA Tel: (800) 624-2212 Fax: (800) 624-2210
Email: info@artcotools.com

2010/11
Edition

E2530 Series

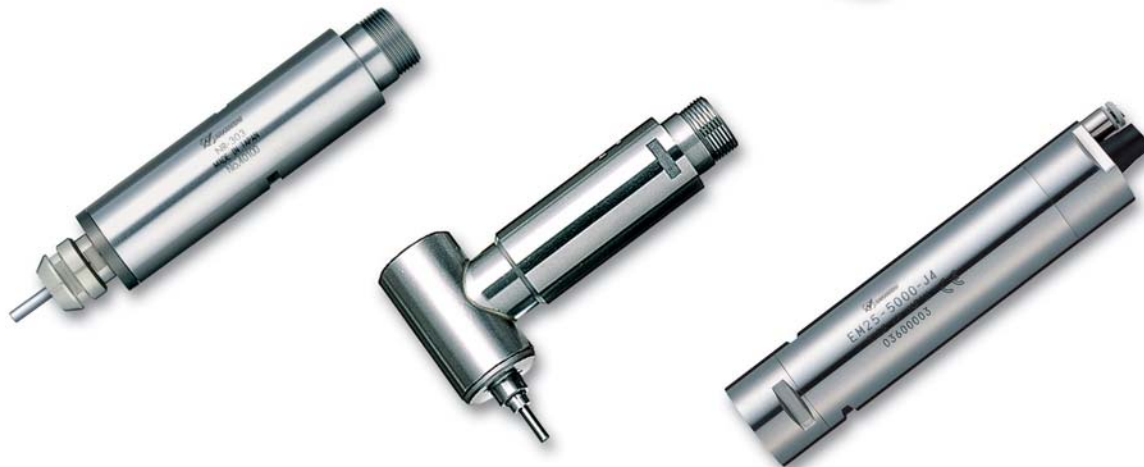
Electric System



Outside Diameter **ø0.897" (ø22.8 mm)**

5,000~30,000 min⁻¹(rpm)
Output 125W

● **Modular Type**

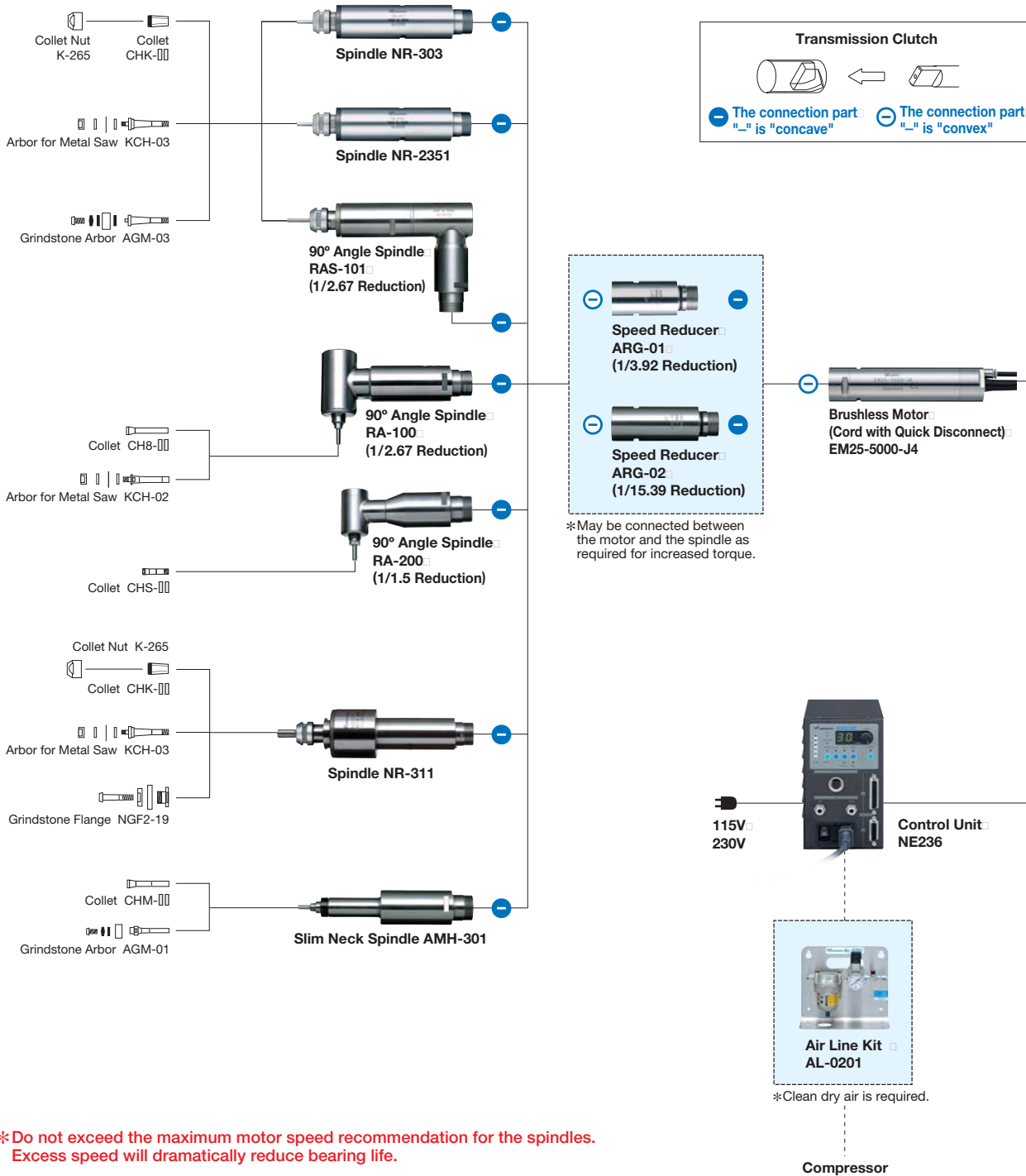


1
EmaxEVO
ESPERT
ROTUS
ECOMO
IMPULSE
PRESTO II
SHEENUS neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
ø0.897"
ø1.0"
ø0.98"
ø1.18"
MS SERIES
ø0.75"
ø0.79"
ø0.87"
ø0.91"
ø1.0"
ø0.98"
ø1.18"
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

BRUSHLESS MOTOR & SPINDLE "E2530 SERIES"

ø0.897" (ø22.8 mm)

E2530 Series ø0.897" (ø22.8 mm) System Chart



1

EmaxEVO

ESPERT

ROTUS

ECOMO

IMPULSE

PRESTO II

SHEENUS neo

SONIC CUTTER

2

iSpeed

E2530

E2550

E3000

E3200

E4000

3

MA SERIES

ø0.897"

ø1.0"

ø0.98"

ø1.18"

MS SERIES

ø0.75"

ø0.79"

ø0.87"

ø0.91"

ø1.0"

ø1.18"

HIGH SPEED

AMX

4

HES

HTS

HPS

SMS

PL

5

AIR LINE KIT

6

PARTS

7

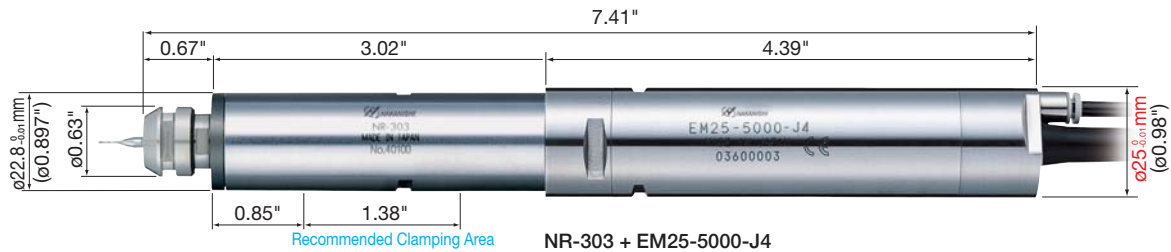
TECHNICAL DATA

8

APPLICATION EXAMPLES

INDEX

Features of E2530 Series



● Maximum Output 125W

The E2530 Series motor is a brushless DC motor utilizing hall elements and rare-earth magnet in the rotor. The Motor develops 125W.

● Brushless Motor

The brushless DC Motor designs allows for excellent reliability and durability. The EM25-5000-J4 can be steplessly controlled up to 30,000 min⁻¹(rpm).

● Air-Cooling system provides Excellent Durability

Air-cooled motor uses a small volume of air (1.2CFM) to prevent heat buildup and allow long continuous operation. Regulate the cooling air supply between 21-35PSI.

Clean dry air is required to cool the motor and protect the spindle from contaminants. Use a filter and regulator.
(Proper air pressure 21~35PSI) (Use Air Line Kit AL-0201)

● Wide Variety of Interchangeable Attachments are Available

Straight-type spindle is available along with speed reducers to increase torque as well as 90° degree spindles to provide outstanding system flexibility.

● Safe Protective Function

The E2530 Series is equipped with a protective function to stop the spindle rotation automatically in case of overload ensuring safe and smooth operation. When the protective circuit is activated, an error code is shown on the digital display. In case of an air supply failure, the protective circuit limits the motor/spindle to 25,000 min⁻¹(rpm) maximum.

● Centering Mode Switch

This switch activates the centering mode, which maintains a constant 500 min⁻¹(rpm) spindle speed for centering the tool.

● Operating Parameters

The operating parameters can be preset for : *Fixed Motor Speed *Maximum Motor Speed *Operating without Air

● Compact Vertical Control Unit

The compact, vertical design of the control unit makes it extremely easy to mount in cramped control cabinets.

● Dual Voltage Power Source AC 115V/230V

The control unit is compatible with 115-230V main supply voltage and is equipped with a switch for voltage selection. The power supply cord is packaged for your ordered voltage specifications. Fuses and power must be exchanged to compatible component when changing supply voltage. Verify that voltage selection, power cord and fuse type are compatible with supply voltage prior to connecting to power supply.

● Stainless Steel Outside Body

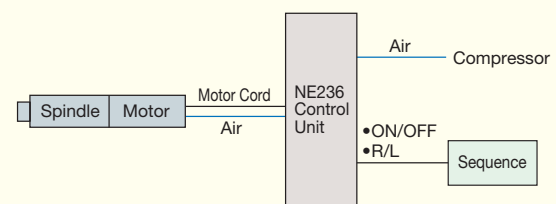
The housings of the motor and spindle are made from precision ground (SUS416).

● Spindle

The NR-303 is assembled with ultra-precision steel bearings and is designed to withstand continuous operation at up to 30,000 min⁻¹(rpm).

● Automatic Control System Chart

● Single Motor Spindle Operation



1
EmaxEVO
ESPERT
ROTUS
ECONO
IMPULSE
PRESTO II
SHEENUS 1100
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
ø0.897"
ø1.0"
ø0.98"
ø1.18"
MS SERIES
ø0.75"
ø0.79"
ø0.87"
ø0.91"
ø1.0"
ø0.98"
ø1.18"
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

"E2530 SERIES" COMBINATION EXAMPLE

High Precision and High-Performance Control Unit

● High-Performance Electric Circuit

'High grade feedback loop to maintain constant spindle speed even if load is varied', and 'Gentle start/Quick stop functions' are provided.

● Warning/Error Function

Motor/Spindle is stopped safely when, Warning/Error LED is lit, and Warning/Error Signal is output to external when there is something wrong with the motor/spindle, or any breakage is detected.

Warning : • Air shortage • Overload operation
• Motor cord disconnection and etc.

Error : • Internal Circuit Error • Voltage/Electric currency Error
• Overheat/Overload operation • Operation Error
• Air shortage • Locked Motor and others (Total 13 items)

● External Input-Output Connector

(Refer to Technical Data 7-p8-p11 in detail)

Motor/Spindle can be controlled and monitored by external input-output connector. Control : Start/Stop, Motor Speed Control, FWD./REV. Rotation and etc. Monitor : While Rotating, Rotation Pulse, Unit Power Source Detection, AUTO Mode, Motor Speed Voltage and etc. And Error Output can be reversed by the parameter setting.

● Motor Speed Display

Motor speed is displayed precisely and digitally.

● LOAD Monitor LED

Motor load is displayed by 6 LED's to indicate load level.

E2530 Series Combination Example

30,000 min⁻¹(rpm)



Unit Specifications

Model	NE236
Power Source	AC 115V/230V (Switchable type) 50-60 Hz
Power Consumption	92W
Weight	7 lb. 14.99 oz.
Dimensions	W4.25" x D6.14" x H6.89"

Motor & Spindle

Motor	EM25-5000-J4
Spindle	NR-303
Speed	5,000~30,000 min ⁻¹ (rpm) * 500 min ⁻¹ (rpm) : for centering
Weight	1 lb. 0.40 oz. (w/o motor cable)
Dimensions	ø0.98" x 7.41"

E2530, NR-2351 Combination Example

CAT. No.	Model	Product	Price
8602	NE236	Control Unit	938.00
AS88322	EM25-5000-J4	Brushless Motor	880.00
AS41830	NR-303	Spindle	418.00
AL0201	AL-0201	Air Line Kit	291.00

Total	2,527.00
-------	----------

*Maximum Speed (rpm) with the NE236 Control Unit
30,000 min⁻¹(rpm) with Air & 25,000 min⁻¹(rpm) without Air.

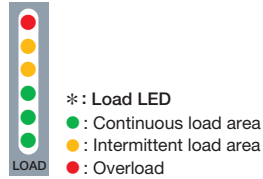
AMERICAN ROTARY TOOLS CO. (ARTCO TOOLS)
250 WEST DUARTE ROAD, #E
MONROVIA, CA USA 91016-7464

Tel: (626) 358-8466 Fax: (626) 358-0076
Toll Free USA Tel: (800) 624-2212 Fax: (800) 624-2210
Email: info@artcotools.com

"E2530 SERIES" CONTROL UNIT

- 5,000~30,000 min⁻¹(rpm)
- Max. Output (125W) brushless DC Motor with an outside diameter of $\phi 0.98"$ ($\phi 25$ mm)
- External Input / Output Control Signal (Refer to 7-p8~p11 page of this catalog)

CAT. No. **8602** **E2530 CONTROL UNIT NE236** **30,000 min⁻¹(rpm)**



Motor Connector

Cooling Air Output Joint

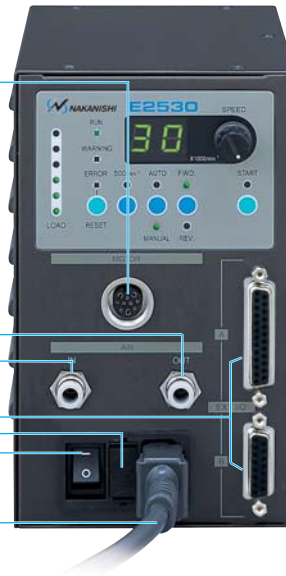
Air Input Joint

External Input-Output Connector A, B

Power Fuse

Power Switch

Intake



- [1] Load LED (LOAD)*
- [2] Error LED (ERROR)
- [3] Error Reset Switch (RESET)
- [4] Centering Switch {500 min⁻¹(rpm)}
- [5] Control Switch (AUTO/MANUAL)
- [6] Rotating Direction Selector Switch (FWD./REV.)
- [7] Start Switch (START)
- [8] Warning LED (WARNING)
- [9] Running LED (RUN)
- [10] Rotating Speed Display (SPEED)
- [11] Speed Control Potentiometer



Specifications

Power Source : AC 115V/230V, 50-60 Hz (switchable type)
 Power Consumption : 92W
 Weight : 7 lb. 14.99 oz.
 Dimensions : W4.25" x D6.14" x H6.89"

E2530 Control Unit

CAT. No.	Plug Type	Model	Standard Equipment · Accessories	Price
8602	115V	NE236	<ul style="list-style-type: none"> • Power Cord • Air Hose with filter (K-251) : $\phi 6$ mm x 6 ft • Bracket (2 pcs.) • Connector Cap • Power Cord Grip • Air Plug • Screw (7 pcs.) 	938.00

*Please refer to Technical Data 7-p8~p11 in detail about External Input-Output Connector.

*Please check the power source plug type and order accordingly.

● Power Source Plug

Plug Type	Main Usable Area	Product
For 100V (A type)	For Japan	
For 115V (B type)	For U.S.A. and Canada	

Plug Type	Main Usable Area	Product
For 200V (C type)	Without Plug	
For 230V (D type)	For Europe	

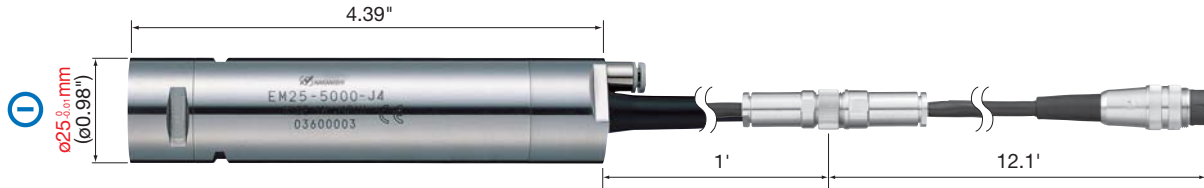
1
EmaxEVO
ESPERT
ROTUS
ECONO
IMPULSE
PRESTO II
SHEENUS Neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
$\phi 0.897"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
MS SERIES
$\phi 0.75"$
$\phi 0.79"$
$\phi 0.87"$
$\phi 0.91"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

"E2530 SERIES" ø0.98"(ø25 mm) BRUSHLESS MOTOR

New Model Name for E2530 Series Motor

EM	25	5000	J4	Clutch
Product Symbol	Outside Diameter	Max. Motor Speed	Cord Variety	

CAT. No. AS88322 BRUSHLESS MOTOR EM25-5000-J4 (Cord with Quick Disconnect) 50,000 min⁻¹(rpm)*



- Motor Speed 5,000~50,000 min⁻¹(rpm)
- Max. Output Power 125W
- Housing Stainless steel (SUS416)
- Cord Length 13 ft
- Air Coolant Hose Length 13 ft
- Weight 8.82 OZ. (w/o Cord)

■ Use the Brushless Motor EM25-5000-J4 for the spindles and the reducers in this section.

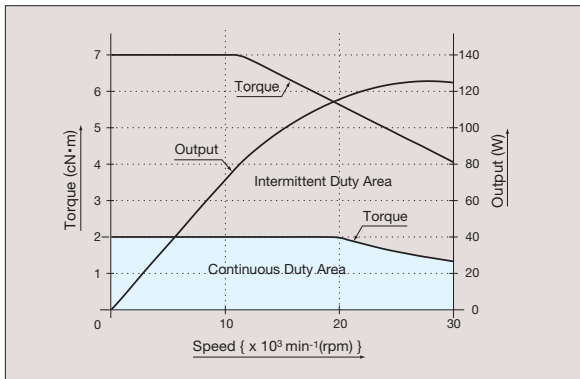
Brushless Motor

CAT. No.	Model	Outside Diameter	Standard Equipment · Accessories	Price
AS88322	EM25-5000-J4	ø0.98" (ø25 mm)	<ul style="list-style-type: none"> • Cord with Quick Disconnect • Air Coolant Hose • Reducer • Wrench (22 x 27) : 1 pc. 	880.00

* There is not an outside diameter ø1.0"(ø25.4 mm) dimension.

* Maximum Speed (rpm) with the NE236 Control Unit
30,000 min⁻¹(rpm) with Air & 25,000 min⁻¹(rpm) without Air.

● Torque Characteristics of EM25-5000-J4



1

EmaxEVO

ESPERT

ROTUS

ECOMO

IMPULSE

PRESTO II

SHEENUS neo

SONIC CUTTER

2

iSpeed

E2530

E2550

E3000

E3200

E4000

3

MA SERIES

ø0.897"

ø1.0"

ø0.98"

ø1.18"

MS SERIES

ø0.75"

ø0.79"

ø0.87"

ø0.91"

ø1.0"

ø0.98"

ø1.18"

HIGH SPEED

AMX

4

HES

HTS

HPS

SMS

PL

5

AIR LINE KIT

6

PARTS

7

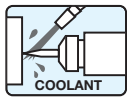
TECHNICAL DATA

8

APPLICATION EXAMPLES

INDEX

"E2530 SERIES" $\phi 0.897"$ ($\phi 22.8$ mm) SPINDLE



E2530 Series can be used in conjunction with water or oil based coolants.

*Do not exceed the allowable motor speed for the spindle.

CAT. No. AS41830 SPINDLE NR-303 30,000 min⁻¹(rpm)



● This spindle is ideal for small diameter drilling, milling and grinding. A wide selection of collets and accessories is available.

- Allowable Motor Speed 30,000 min⁻¹(rpm)
 - Spindle Accuracy Within 2 μ m
 - Standard Size Collet (CHK-3.175) $\phi 1/8"$
 - Weight 7.58 oz.
- < Optional >
- Collet (CHK-□□) $\phi 0.5$ mm~ $\phi 6.35$ mm (See Page 6-p3 for details)
 - Collet Nut (K-265) For Collet (CHK)
 - Metal Saw Arbor (KCH-03) For $\phi 0.24"$ (I.D.) x $\phi 1.18"$ (O.D.)
 - Grindstone Arbor (AGM-03) For grinding wheel with I.D. of $\phi 5$ mm

Spindle

CAT. No.	Model	Standard Equipment · Accessories	Price
AS41830	NR-303	<ul style="list-style-type: none"> • Collet $\phi 1/8"$ (CHK-3.175) : 1 pc. • Collet Nut (K-265) : 1 pc. • Wrench (12 x 14) : 2 pcs., (20 x 24) : 1 pc. 	418.00

CAT. No. AS18220 SPINDLE NR-2351 (Ceramic Bearings) 50,000 min⁻¹(rpm)*



● This spindle is ideal for ultra-precision, small diameter drilling, milling and grinding. A wide selection of collets and accessories is available.

- Allowable Motor Speed 50,000 min⁻¹(rpm)
 - Spindle Accuracy Within 1 μ m
 - Standard Size Collet (CHK-3.175) $\phi 1/8"$
 - Weight 7.58 oz.
- < Optional >
- Collet (CHK-□□) $\phi 0.5$ mm~ $\phi 6.35$ mm (See Page 6-p3 for details)
 - Collet Nut (K-265) For Collet (CHK)
 - Metal Saw Arbor (KCH-03) For $\phi 0.24"$ (I.D.) x $\phi 1.18"$ (O.D.)
 - Grindstone Arbor (AGM-03) For grinding wheel with I.D. of $\phi 5$ mm

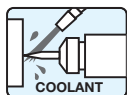
Spindle

CAT. No.	Model	Standard Equipment · Accessories	Price
AS18220	NR-2351	<ul style="list-style-type: none"> • Collet $\phi 1/8"$ (CHK-3.175) : 1 pc. • Collet Nut (K-265) : 1 pc. • Wrench (12 x 14) : 2 pcs., (20 x 24) : 1 pc. 	683.00

* Maximum Speed (rpm) with the NE236 Control Unit
30,000 min⁻¹(rpm) with Air & 25,000 min⁻¹(rpm) without Air.

1
EmaxEVO
ESPERT
ROTUS
ECONOM
IMPULSE
PRESTO II
SHEENUS neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
$\phi 0.897"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
MS SERIES
$\phi 0.75"$
$\phi 0.79"$
$\phi 0.87"$
$\phi 0.91"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

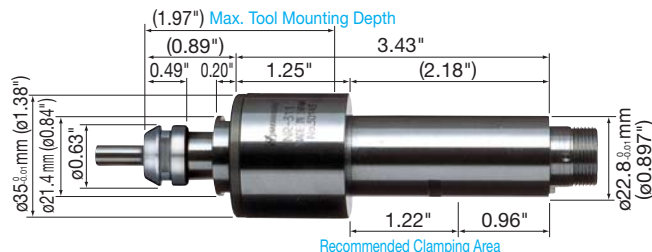
"E2530 SERIES" $\phi 0.897"$ ($\phi 22.8$ mm) SPINDLE



*Do not exceed the allowable motor speed for the spindle.

CAT. No. AS42511 SPINDLE NR-311

30,000 min⁻¹(rpm)



- Large precision angular ball bearings are assembled on the front part of the spindle to provide rigidity on both the radial and the thrust sides. This spindle is suitable for grinding of deep hole, grinding by $\phi 1.57"$ (40 mm) grindstone and small-diameter end milling.

- Allowable Motor Speed 30,000 min⁻¹(rpm)
- Spindle Accuracy Within 2 μ m
- Standard Size Collet (CHK-3.175) $\phi 1/8"$
- Weight 13.50 oz.

< Optional >

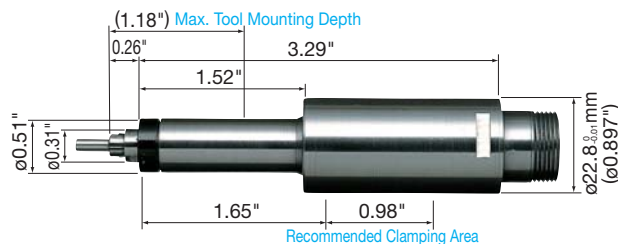
- Collet (CHK-□□) $\phi 0.5$ mm~ $\phi 6.35$ mm
(See Page 6-p3 for details)
- Collet Nut (K-265) For Collet (CHK)
- Metal Saw Arbor (KCH-03) For $\phi 0.24"$ (I.D.) x $\phi 1.18"$ (O.D.)
- Grindstone Flange (NGF2-19) $\phi 19.05$ (I.D.) x $\phi 40$ (O.D.) x 7 (W) mm

Spindle

CAT. No.	Model	Standard Equipment · Accessories	Price
AS42511	NR-311	<ul style="list-style-type: none"> • Collet $\phi 1/8"$ (CHK-3.175) : 1 pc. • Collet Nut (K-265) : 1 pc. • Wrench (12 x 14) : 1 pc., (20 x 24) : 1 pc. 	575.00

CAT. No. AS11510 SPINDLE AMH-301

30,000 min⁻¹(rpm)



- Suitable for the grinding of the inner surface of slender and deep holes. (Example) If a $\phi 0.55"$ grindstone is mounted on the grinding arbor AGM-01, this spindle is suitable for the inner grinding of $\phi 0.59"$ or more and with the depth of 1.57" or less.

- Allowable Motor Speed 30,000 min⁻¹(rpm)
- Standard Size Collet (CHM-3.175) $\phi 1/8"$
- Weight 6.03 oz.

< Optional >

- Collet (CHM-□□) $\phi 1.0$ mm~ $\phi 3.175$ mm
(See Page 6-p4 for details)
- Grindstone Arbor (AGM-01) For grinding wheel with I.D. of $\phi 5$ mm

Spindle

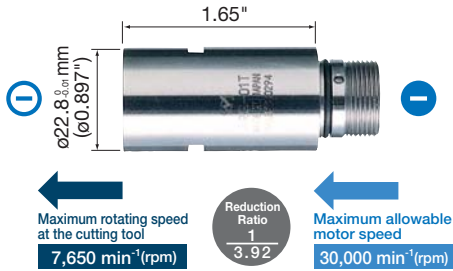
CAT. No.	Model	Standard Equipment · Accessories	Price
AS11510	AMH-301	<ul style="list-style-type: none"> • Collet $\phi 1/8"$ (CHM-3.175) : 1 pc. • Wrench (7 x 5.1), (6 x 4.5), (20 x 24) : 1 pc. each 	347.00

1
EmaxEVO
ESPERT
ROTUS
ECONOM
IMPULSE
PRESTO II
SHEENUS neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
$\phi 0.897"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
MS SERIES
$\phi 0.75"$
$\phi 0.79"$
$\phi 0.87"$
$\phi 0.91"$
$\phi 1.0"$
$\phi 0.98"$
$\phi 1.18"$
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

"E2530 SERIES" $\phi 0.897"$ ($\phi 22.8$ mm) SPEED REDUCER

Caution : Use the motor at motor speed less than maximum allowable speed or use the speed reducer. DO NOT exceed the allowable motor speed for the spindle and the reducer.

CAT. No. AS11414 SPEED REDUCER 1/3.92 ARG-01



Maximum allowable motor speed **30,000 min⁻¹(rpm)**

Maximum rotating speed at the cutting tool
<Reduction Ratio : 1/3.92> **7,650 min⁻¹(rpm)**

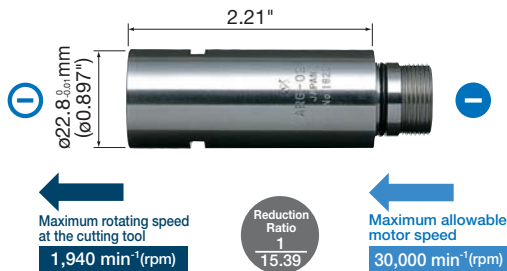
- Speed Reducing Mechanism By planetary gear system
- Weight 3.81 oz.

Speed Reducer 1/3.92

CAT. No.	Model	Speed Reduction Ratio	Price
AS11414	ARG-01	Speed Reduction Ratio 1/3.92	133.00

- If the speed reducer is connected between the motor and the spindle, it reduces the rotating speed and increases the torque while keeping the motor speed unchanged.

CAT. No. AS11428 SPEED REDUCER 1/15.39 ARG-02



Maximum allowable motor speed **30,000 min⁻¹(rpm)**

Maximum rotating speed at the cutting tool
<Reduction Ratio : 1/15.39> **1,940 min⁻¹(rpm)**

- Speed Reducing Mechanism By planetary gear system
- Weight 5.22 oz.

Speed Reducer 1/15.39

CAT No.	Model	Speed Reduction Ratio	Price
AS11428	ARG-02	Speed Reduction Ratio 1/15.39	180.00

- If the speed reducer is connected between the motor and the spindle, it reduces the rotating speed and increases the torque while keeping the motor speed unchanged.

1

EmaxEVO

ESPERT

ROTUS

ECOMO

IMPULSE

PRESTO II

SHEENUS neo

SONIC CUTTER

2

iSpeed

E2530

E2550

E3000

E3200

E4000

3

MA SERIES

$\phi 0.897"$

$\phi 1.0"$

$\phi 0.98"$

$\phi 1.18"$

MS SERIES

$\phi 0.75"$

$\phi 0.79"$

$\phi 0.87"$

$\phi 0.91"$

$\phi 1.0"$

$\phi 1.18"$

HIGH SPEED

AMX

4

HES

HTS

HPS

SMS

PL

5

AIR LINE KIT

6

PARTS

7

TECHNICAL DATA

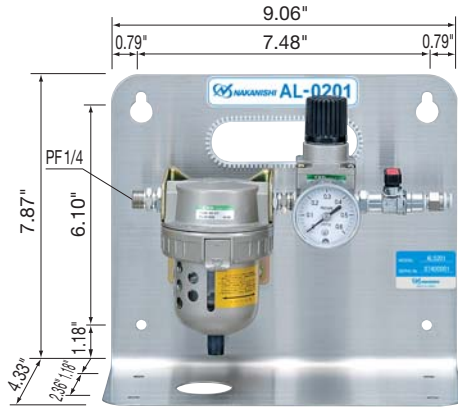
8

APPLICATION EXAMPLES

INDEX

"E2530 SERIES" $\phi 0.897"$ ($\phi 22.8$ mm) AIR LINE KIT

CAT. No. **AL0201** **AIR LINE KIT AL-0201**



- The AL-0201 is a **Clean air** supply unit for the E2530 Series control unit. Dust and moisture in the compressed air are eliminated by the filter in the first stage and regulator provides accurate and stable air to the control unit.

Air Line Kit (For $\phi 6$ mm Hose - Filter Mesh $0.3 \mu\text{m}$)

CAT. No.	Model	Standard Equipment - Accessories	Price
AL0201	AL-0201	<ul style="list-style-type: none"> • Air Filter • Air Regulator • Air Pressure Gauge • Air ON-OFF Valve • Hose for Piping (K-275) : 6 ft 	291.00

AMERICAN ROTARY TOOLS CO. (ARTCO TOOLS)
250 WEST DUARTE ROAD, #E
MONROVIA, CA USA 91016-7464

Tel: (626) 358-8466 Fax: (626) 358-0076
Toll Free USA Tel: (800) 624-2212 Fax: (800) 624-2210
Email: info@artcotools.com

1

EmaxEVO

ESPERT

ROTUS

ECOMO

IMPULSE

PRESTO II

SHEENUS

neo

SONIC

CUTTER

2

iSpeed

E2530

E2550

E3000

E3200

E4000

3

MA

SERIES

$\phi 0.897"$

$\phi 1.0"$

$\phi 0.98"$

$\phi 1.18"$

MS

SERIES

$\phi 0.75"$

$\phi 0.79"$

$\phi 0.87"$

$\phi 0.91"$

$\phi 1.0"$

$\phi 0.98"$

$\phi 1.18"$

HIGH

SPEED

AMX

4

HES

HTS

HPS

SMS

PL

5

AIR LINE KIT

6

PARTS

7

TECHNICAL

DATA

8

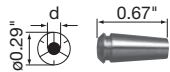
APPLICATION

EXAMPLES

INDEX

< PARTS > COLLET

CHA Group



Fit to : K-263
: CHN-A

Fit to
AMS-1200 · AMS-1210 · AMS-1500 · AMS-1501 · AMS-250 · ABS-800
BM-319 · BM-320 · BM-320F · BM-322 · BM-322FL · BM-322FR · BM-325
MS-19 · MS-20 · MS-22 · MSS-19 · MSS-20 · MSS-22 · NR-3080S · NRA-5080 · NR-320
PS20-70/120 · PS20S-70 · PSA23-80/130 · PSA23S-80 · PMS-3020A · BANTAM 250
PLANET 850 · PLANET 1500 · PLANET 2000 · SMS · HTS · EM20-S6000 · EM25-S6000
EMS-3060A · HES810 · HPS500

CAT. No.	Model	Inside Diameter d	Price
91405	CHA-0.5	ø0.5	216.00
91406	CHA-0.6	ø0.6	
91407	CHA-0.7	ø0.7	
RA11805	CHA-0.8	ø0.8	
RA11804	CHA-0.9	ø0.9	
RA11806	CHA-1.0	ø1.0	76.00
RA11807	CHA-1.1	ø1.1	97.00
RA11808	CHA-1.2	ø1.2	
RA11803	CHA-1.3	ø1.3	
RA11815	CHA-1.4	ø1.4	
RA11814	CHA-1.5	ø1.5	
RA11809	CHA-1.6	ø1.6	65.00
91417	CHA-1.7	ø1.7	97.00
RA11810	CHA-1.8	ø1.8	
RA11822	CHA-1.9	ø1.9	
RA11811	CHA-2.0	ø2.0	76.00
RA11831	CHA-2.1	ø2.1	97.00
91422	CHA-2.2	ø2.2	
91423	CHA-2.3	ø2.3	
RA11812	CHA-2.35	ø2.35	65.00
RA11824	CHA-2.4	ø2.4	97.00
RA11821	CHA-2.5	ø2.5	76.00
RA11826	CHA-2.6	ø2.6	97.00
91427	CHA-2.7	ø2.7	
RA11828	CHA-2.8	ø2.8	
RA11829	CHA-2.9	ø2.9	
RA11813	CHA-3.0	ø3.0	
RA11830	CHA-3.1	ø3.1	97.00
RA11818	CHA-3.175	ø1/8"	65.00
91432	CHA-3.2	ø3.2	97.00
91433	CHA-3.3	ø3.3	
91434	CHA-3.4	ø3.4	
RA11823	CHA-3.5	ø3.5	76.00
91436	CHA-3.6	ø3.6	97.00
91437	CHA-3.7	ø3.7	
91438	CHA-3.8	ø3.8	
91439	CHA-3.9	ø3.9	
RA11819	CHA-4.0	ø4.0	

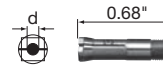
CHB Group



Fit to
NRR-2651 · NRR-3060 · NR40-5100 ATC

CAT. No.	Model	Inside Diameter d	Price
92820	CHB-2.0	ø2.0	81.00
92830	CHB-3.0	ø3.0	
92893	CHB-3.175	ø1/8"	
92840	CHB-4.0	ø4.0	

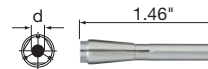
CHC Group



Fit to
IC-300 · KC-300 · EIC-300 · EKC-300 · IC-E · KC-E

CAT. No.	Model	Inside Diameter d	Price
90416	CHC-1.6	ø1.6	71.00
90492	CHC-2.35	ø2.35	54.00
90430	CHC-3.0	ø3.0	
90493	CHC-3.175	ø1/8"	

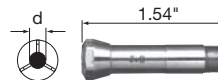
CHF Group



Fit to
NR-3080

CAT. No.	Model	Inside Diameter d	Price
91730	CHF-3.0	ø3.0	76.00
91793	CHF-3.175	ø1/8"	

CHG Group



Fit to
HG-200 · NR-301 · EH-400

CAT. No.	Model	Inside Diameter d	Price
RA11777	CHG-1.0	ø1.0	76.00
RA11778	CHG-1.5	ø1.5	71.00
RA11766	CHG-1.6	ø1.6	
RA11780	CHG-2.0	ø2.0	76.00
RA11771	CHG-2.35	ø2.35	65.00
RA11781	CHG-2.5	ø2.5	76.00
RA11772	CHG-3.0	ø3.0	65.00
RA11452	CHG-3.175	ø1/8"	
RA11697	CHG-4.0	ø4.0	71.00
RA11698	CHG-4.76	ø4.76	76.00
RA11709	CHG-5.0	ø5.0	65.00
RA11773	CHG-6.0	ø6.0	
RA11714	CHG-6.35	ø1/4"	

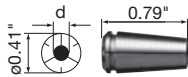
CHH Group



Fit to
IH-300 · IR-310 · EHL-401 · EHR-401 · EHR-500 · VH-E

CAT. No.	Model	Inside Diameter d	Price
RE11729	CHH-1.0	ø1.0	65.00
90615	CHH-1.5	ø1.5	
RE11659	CHH-1.6	ø1.6	
RE11734	CHH-2.0	ø2.0	
RE11625	CHH-2.35	ø2.35	54.00
90625	CHH-2.5	ø2.5	65.00
RE11739	CHH-3.0	ø3.0	54.00
RE11630	CHH-3.175	ø1/8"	

CHK Group



Fit to : K-265
: CHN-B

■ Fit to

NR-302 · ENR-302

■ Fit to

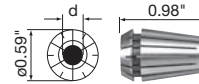
ABS-70P · ABS-400 · AMX-50 · AMX-65 (1/1 Ratio) · AMX-80 (1/1 Ratio) · EM30-S6000
EMA-3020K · EMS-3041 · EMS-3045 · EMS-3052 · EMS-3056 · EMS-3046-J4 · EMS-3057-J4
EMS-6040 · EMS-6040K · EMS-3060K · EMR-3008K · MS-23 · MSS-25 · MSSH-25 · MST-23
MST-23 · NR-2351 · NR-2532 · NR-H2532 · NR-2551 · NR-H2551 · NR-303 · NR-303P
NR-311 · NR-3060S · NR-403E · NR-453E · NRAF-5080 · NRL-300 · NRL-300E · PMA-3013K
PMR-3005K · PMS-3020K · PS23-80/130 · PS23S-80 · PSA25-90/140 · PSA25S-90 · PSA30-100/160
PSA30S-100 · PSA35-120/180 · PSA35S-120 · RAS-101 · RAS-151E · RAX-271E · RAX-71E
RAS-2511 · RAS-H2511 · FG-01S · PLANET 400 · HES510 · HPS250

*High precision type

CAT. No.	Model	Inside Diameter d	Price
PL42665	CHK-0.5	ø0.5	271.00
91506	CHK-0.6	ø0.6	
PL42667	CHK-0.7	ø0.7	
PL42668	CHK-0.8	ø0.8	
PL42692	CHK-0.9	ø0.9	92.00
PL42691	CHK-1.0	ø1.0	
PL42699	CHK-1.1	ø1.1	114.00
PL42682	CHK-1.2	ø1.2	
PL42693	CHK-1.3	ø1.3	
PL42700	CHK-1.4	ø1.4	
PL42695	CHK-1.5	ø1.5	92.00
PL42696	CHK-1.6	ø1.6	
PL42709	CHK-1.7	ø1.7	114.00
PL42698	CHK-1.8	ø1.8	
91519	CHK-1.9	ø1.9	
PL42672	CHK-2.0	ø2.0	
PL42681	CHK-2.1	ø2.1	114.00
PL42662	CHK-2.2	ø2.2	
91523	CHK-2.3	ø2.3	
PL42690	CHK-2.35	ø2.35	
PL42710	CHK-2.4	ø2.4	114.00
PL42663	CHK-2.5	ø2.5	
PL42712	CHK-2.6	ø2.6	114.00
PL42617	CHK-2.7	ø2.7	
PL42694	CHK-2.8	ø2.8	
PL42689	CHK-2.9	ø2.9	
PL42669	CHK-3.0	ø3.0	81.00
91597	CHK-3.0AA*	ø3.0	
PL42670	CHK-3.1	ø3.1	114.00
PL42685	CHK-3.175	ø1/8"	
91598	CHK-3.175AA*	ø1/8"	119.00
91532	CHK-3.2	ø3.2	
PL42705	CHK-3.3	ø3.3	114.00
PL42701	CHK-3.4	ø3.4	
PL42707	CHK-3.5	ø3.5	92.00
PL42706	CHK-3.6	ø3.6	
91537	CHK-3.7	ø3.7	114.00
PL42702	CHK-3.8	ø3.8	
91539	CHK-3.9	ø3.9	
PL42678	CHK-4.0	ø4.0	
91599	CHK-4.0AA*	ø4.0	119.00
PL42711	CHK-4.1	ø4.1	
91542	CHK-4.2	ø4.2	114.00
PL42671	CHK-4.3	ø4.3	
PL42673	CHK-4.4	ø4.4	
PL42687	CHK-4.5	ø4.5	
91546	CHK-4.6	ø4.6	114.00
PL42674	CHK-4.7	ø4.7	
PL42680	CHK-4.76	ø4.76	92.00
91548	CHK-4.8	ø4.8	
91549	CHK-4.9	ø4.9	114.00
PL42676	CHK-5.0	ø5.0	
PL42677	CHK-5.1	ø5.1	114.00
PL42708	CHK-5.2	ø5.2	
91553	CHK-5.3	ø5.3	
PL42703	CHK-5.4	ø5.4	
PL42704	CHK-5.5	ø5.5	92.00
PL42679	CHK-5.6	ø5.6	
91557	CHK-5.7	ø5.7	114.00
91558	CHK-5.8	ø5.8	

CAT. No.	Model	Inside Diameter d	Price
PL42697	CHK-5.9	ø5.9	114.00
PL42686	CHK-6.0	ø6.0	81.00
91600	CHK-6.0AA*	ø6.0	119.00
PL42675	CHK-6.35	ø1/4"	81.00
91601	CHK-6.35AA*	ø1/4"	119.00

CHL Group



Fit to : CHN-L

■ Fit to

AMX-65 (1/3 · 1/9 Ratio) · PSA40-140/200 · PSA40S-140 · PSA45-160/220
PSA45S-160 · PSA50-180/240 · PSA50S-180

CAT. No.	Model	Inside Diameter d	Price
91610	CHL-1.0	ø1.0	124.00
91615	CHL-1.5	ø1.5	
91620	CHL-2.0	ø2.0	
91692	CHL-2.35	ø2.35	
91625	CHL-2.5	ø2.5	92.00
91630	CHL-3.0	ø3.0	
91693	CHL-3.175	ø1/8"	124.00
91635	CHL-3.5	ø3.5	
91640	CHL-4.0	ø4.0	92.00
91645	CHL-4.5	ø4.5	
91650	CHL-5.0	ø5.0	92.00
91655	CHL-5.5	ø5.5	
91660	CHL-6.0	ø6.0	92.00
91696	CHL-6.35	ø1/4"	
91665	CHL-6.5	ø6.5	124.00
91670	CHL-7.0	ø7.0	
91675	CHL-7.5	ø7.5	
91680	CHL-8.0	ø8.0	

■ indicates Hand Grinder use

■ indicates Machine Spindle use

* Order by catalog number.

1

EmaxEVO

ESPERT

ROTUS

ECONOM

IMPULSE

PRESTO II

SHEENUS

SONIC

CUTTER

2

iSpeed

E2530

E2550

E3000

E3200

E4000

3

MA

SERIES

ø0.897"

ø1.0"

ø0.98"

ø1.18"

MS

SERIES

ø0.75"

ø0.79"

ø0.87"

ø0.91"

ø1.0"

ø0.98"

ø1.18"

HIGH

SPEED

AMX

4

HES

HTS

HPS

SMS

PL

5

AIR LINE KIT

6

PARTS

7

TECHNICAL

DATA

8

APPLICATION

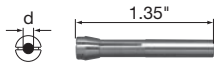
EXAMPLES

INDEX

6-p3

< PARTS > COLLET

CHM Group

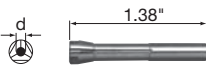


■ Fit to _____
MH-300 · BMH-300

■ Fit to _____
NR-600 · NR-601 · AMH-300 · AMH-301

CAT. No.	Model	Inside Diameter d	Price
RE11605	CHM-1.0	ø1.0	65.00
RE11600	CHM-1.6	ø1.6	
RE11609	CHM-2.0	ø2.0	
RE11602	CHM-2.35	ø2.35	54.00
RE10459	CHM-3.0	ø3.0	
RE11604	CHM-3.175	ø1/8"	

CHP Group

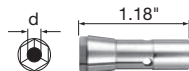


■ Fit to _____
ENR-420 ATC

■ Fit to _____
NRR-2650 · NR-260E ATC

CAT. No.	Model	Inside Diameter d	Price
AS72115	CHP-2.0	ø2.0	76.00
AS72116	CHP-3.0	ø3.0	65.00
AS72117	CHP-3.175	ø1/8"	

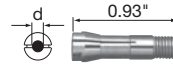
CHR Group



■ Fit to _____
NR-5040E ATC · NR-5041E ATC · NR50-5100 ATC

CAT. No.	Model	Inside Diameter d	Price
91920	CHR-2.0	ø2.0	81.00
91930	CHR-3.0	ø3.0	
91993	CHR-3.175	ø1/8"	71.00
91940	CHR-4.0	ø4.0	
91960	CHR-6.0	ø6.0	81.00
91996	CHR-6.35	ø1/4"	

CHS Group

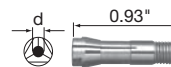


■ Fit to _____
ERA-270 · 45°, 90° Angle Type ECOMO · IMPULSE SERIES

■ Fit to _____
RA-200 · RA-271E · RA-2521 · RA-H2521

CAT. No.	Model	Inside Diameter d	Price
NK10216	CHS-0.8	ø0.8	173.00
90509	CHS-0.9	ø0.9	
NK10218	CHS-1.0	ø1.0	54.00
90511	CHS-1.1	ø1.1	
90512	CHS-1.2	ø1.2	76.00
90513	CHS-1.3	ø1.3	
90514	CHS-1.4	ø1.4	
NK10219	CHS-1.5	ø1.5	44.00
NK10220	CHS-1.6	ø1.6	
90517	CHS-1.7	ø1.7	76.00
90518	CHS-1.8	ø1.8	
90519	CHS-1.9	ø1.9	
NK10221	CHS-2.0	ø2.0	54.00
90521	CHS-2.1	ø2.1	
90522	CHS-2.2	ø2.2	76.00
90523	CHS-2.3	ø2.3	
NK10215	CHS-2.35	ø2.35	44.00
NK10224	CHS-2.4	ø2.4	
NK10222	CHS-2.5	ø2.5	54.00
90526	CHS-2.6	ø2.6	
90527	CHS-2.7	ø2.7	76.00
90528	CHS-2.8	ø2.8	
NK10209	CHS-2.9	ø2.9	
NK10223	CHS-3.0	ø3.0	44.00
NK10210	CHS-3.175	ø1/8"	

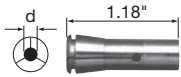
CHSS Group



■ Fit to _____
EMA-3020S · PMA-3013S

CAT. No.	Model	Inside Diameter d	Price
93010	CHSS-1.0	ø1.0	84.00
93015	CHSS-1.5	ø1.5	
93020	CHSS-2.0	ø2.0	
93092	CHSS-2.35	ø2.35	60.00
93025	CHSS-2.5	ø2.5	
93030	CHSS-3.0	ø3.0	60.00
93093	CHSS-3.175	ø1/8"	

CH5 Group

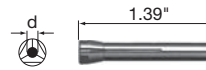


Fit to : K-218
: CHN-02

Fit to
PLANET 550 · BANTAM 150 · AMS-150R · AMS-150L · AMS-600
AMS-20R · AMS-20L · AMS-50R · AMS-50L · MSTN-23 · NR-310 · FG-02S

CAT. No.	Model	Inside Diameter d	Price	
91203	CH5-0.3	ø0.3	216.00	
91204	CH5-0.4	ø0.4		
91205	CH5-0.5	ø0.5		
PL11464	CH5-0.6	ø0.6		
PL11465	CH5-0.7	ø0.7		
PL11467	CH5-0.8	ø0.8		
PL11468	CH5-0.9	ø0.9		
PL11488	CH5-1.0	ø1.0		76.00
PL11469	CH5-1.1	ø1.1		97.00
PL11470	CH5-1.2	ø1.2		
91213	CH5-1.3	ø1.3		
91214	CH5-1.4	ø1.4		
PL11494	CH5-1.5	ø1.5	76.00	
PL11495	CH5-1.6	ø1.6	97.00	
91217	CH5-1.7	ø1.7		
PL11498	CH5-1.8	ø1.8		
91219	CH5-1.9	ø1.9		
PL11489	CH5-2.0	ø2.0		
91221	CH5-2.1	ø2.1		97.00
PL11492	CH5-2.2	ø2.2		
91223	CH5-2.3	ø2.3		
91292	CH5-2.35	ø2.35		
91224	CH5-2.4	ø2.4		
PL10672	CH5-2.5	ø2.5	76.00	
91226	CH5-2.6	ø2.6	97.00	
PL10683	CH5-2.7	ø2.7		
PL10670	CH5-2.8	ø2.8		
91229	CH5-2.9	ø2.9		
PL11490	CH5-3.0	ø3.0		65.00
91231	CH5-3.1	ø3.1		97.00
PL11466	CH5-3.175	ø1/8"		65.00
91232	CH5-3.2	ø3.2		97.00
91233	CH5-3.3	ø3.3		
PL10671	CH5-3.4	ø3.4		
PL10673	CH5-3.5	ø3.5		
PL10674	CH5-3.6	ø3.6		
PL10682	CH5-3.7	ø3.7		
91238	CH5-3.8	ø3.8		
91239	CH5-3.9	ø3.9		
PL10677	CH5-4.0	ø4.0	65.00	
91241	CH5-4.1	ø4.1	97.00	
91242	CH5-4.2	ø4.2		
PL10681	CH5-4.3	ø4.3		
PL10679	CH5-4.4	ø4.4		
PL10678	CH5-4.5	ø4.5		
91246	CH5-4.6	ø4.6		
91247	CH5-4.7	ø4.7		
91294	CH5-4.76	ø4.76		76.00
91248	CH5-4.8	ø4.8		97.00
91249	CH5-4.9	ø4.9		
PL10676	CH5-5.0	ø5.0	65.00	
91251	CH5-5.1	ø5.1	97.00	
91252	CH5-5.2	ø5.2		
91253	CH5-5.3	ø5.3		
91254	CH5-5.4	ø5.4		
91255	CH5-5.5	ø5.5		
91256	CH5-5.6	ø5.6		
91257	CH5-5.7	ø5.7		
91258	CH5-5.8	ø5.8		
91259	CH5-5.9	ø5.9		
PL11502	CH5-6.0	ø6.0		65.00
PL10675	CH5-6.35	ø1/4"		

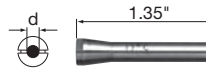
CH6 Group



Fit to
ABS-1600

CAT. No.	Model	Inside Diameter d	Price
90830	CH6-3.0	ø3.0	76.00
90893	CH6-3.175	ø1/8"	

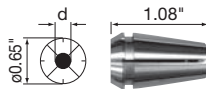
CH8 Group



Fit to
RA-100 · RA-151E · RA-2511 · RA-H2511

CAT. No.	Model	Inside Diameter d	Price	
PL11539	CH8-0.8	ø0.8	195.00	
91009	CH8-0.9	ø0.9		
PL11540	CH8-1.0	ø1.0	65.00	
PL11531	CH8-1.1	ø1.1	87.00	
PL11536	CH8-1.2	ø1.2		
PL11533	CH8-1.3	ø1.3		
PL11555	CH8-1.4	ø1.4		
PL11556	CH8-1.5	ø1.5		65.00
PL11517	CH8-1.6	ø1.6		87.00
PL11568	CH8-1.7	ø1.7		
PL11569	CH8-1.8	ø1.8		
91019	CH8-1.9	ø1.9		
PL11574	CH8-2.0	ø2.0		
91021	CH8-2.1	ø2.1	87.00	
PL11532	CH8-2.2	ø2.2		
91023	CH8-2.3	ø2.3		
PL11521	CH8-2.35	ø2.35		
PL11522	CH8-2.4	ø2.4		
PL11523	CH8-2.5	ø2.5		65.00
PL11525	CH8-2.6	ø2.6		87.00
91027	CH8-2.7	ø2.7		
PL11578	CH8-2.8	ø2.8		
91029	CH8-2.9	ø2.9		
PL11588	CH8-3.0	ø3.0	54.00	
PL10637	CH8-3.175	ø1/8"		

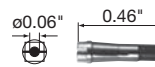
CH16 Group



Fit to
BMS-4020 · BMS-4020RA
BMS-4040 · BMS-4040RA

CAT. No.	Model	Inside Diameter d	Price
93130	CH16-3.0	ø3.0	198.00
93193	CH16-3.175	ø1/8"	
93140	CH16-4.0	ø4.0	
93160	CH16-6.0	ø6.0	
93196	CH16-6.35	ø1/4"	
93180	CH16-8.0	ø8.0	

CH20-16



Fit to
PLANET 2000

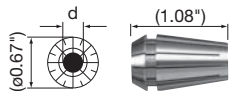
CAT. No.	Model	Inside Diameter d	Price
PL10641	CH20-16	ø1/16"	34.00

■ indicates Hand Grinder use
■ indicates Machine Spindle use

1
EmaxEVO
ESPERT
ROTUS
ECONOM
IMPULSE
PRESTO II
SHEENUS neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
ø0.897"
ø1.0"
ø0.98"
ø1.18"
MS SERIES
ø0.75"
ø0.79"
ø0.87"
ø0.91"
ø1.0"
ø0.98"
ø1.18"
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX

< PARTS > COLLET & COLLET NUT

ER16-UP / AR16-AA

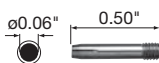


Fit to : CHN-E

Fit to _____
 AMX-80 (1/3 · 1/9 Ratio) · PSA60-200/260 · PSA60S-200

CAT. No.	Model	Fit to	Price
—	ER16-UP	REGO-FIX ER16-UP	Available in the market
—	AR16-AA	ALPS TOOL AR16-AA	

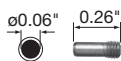
K-252



Fit to _____
 MFC-300S

CAT. No.	Model	Inside Diameter d	Price
RE10360	K-252	ø1/16"	38.00

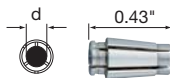
K-253



Fit to _____
 MFC-300M

CAT. No.	Model	Inside Diameter d	Price
RE10356	K-253	ø1/16"	38.00

NKM6 Group (NK Micron Collet)



Fit to : CHN-6

Fit to _____
 Straight Type ECOMO

CAT. No.	Model	Inside Diameter d	Price
92030	NKM6-2.35	ø2.35	60.00
92092	NKM6-3.0	ø3.0	
92093	NKM6-3.175	ø1/8"	

Collet Nut CHN-A



Fit to : CHA

Fit to _____
 AMS-1501 · AMS-1210 · BM-319 · BM-320 · BM-320F · BM-322 · BM-322FR
 BM-322FL · BM-325 · EM20-S6000 · EM25-S6000 · EMS-3060A
 HES810 · HTS · HPSS500
 MSS-19 · MSS-20 · MSS-22 · NR-3080S · PMS-3020A · SMS401

CAT. No.	Model	Fit to	Price
2102	CHN-A	CHA	54.00

Collet Nut CHN-B (For EMS-6040/6040K)

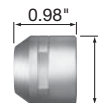


Fit to : CHK

Fit to _____
 EMS-6040 · EMS-6040K

CAT. No.	Model	Fit to	Price
AS12123	CHN-B	CHK	42.00

Collet Nut CHN-E

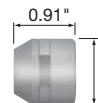


Fit to : ER16-UP
 AR16-AA

Fit to _____
 AMX-80 (1/3 · 1/9 Ratio) · PSA60-200/260 · PSA60S-200

CAT. No.	Model	Fit to	Price
PS12119	CHN-E	ER16-UP AR16-AA	46.00

Collet Nut CHN-L



Fit to : CHL

Fit to _____
 AMX-65 (1/3 · 1/9 Ratio) · PSA40-140/200 · PSA40S-140 · PSA45-160/220
 PSA45S-160 · PSA50-180/240 · PSA50S-180

CAT. No.	Model	Fit to	Price
PS02121	CHN-L	CHL	44.00

Collet Nut CHN-6



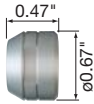
Fit to : NKM6 Group

Fit to _____
 Straight Type ECOMO

CAT. No.	Model	Fit to	Price
2104	CHN-6	NKM6 Group	36.00

< PARTS > COLLET NUT

Collet Nut CHN-02

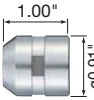


Fit to : CH5

Fit to _____
 NR-310 · AMS-20R · AMS-20L · AMS-50R · AMS-50L · MSTN-23 · FG-02S

CAT. No.	Model	Fit to	Price
AS32124	CHN-02	CH5	42.00

Collet Nut CHN-16



Fit to : CH16

Fit to _____
 BMS-4020 · BMS-4020RA · BMS-4040 · BMS-4040RA

CAT. No.	Model	Fit to	Price
2161	CHN-16	CH16	62.00

Collet Nut K-218



Fit to : CH5

Fit to _____
 PLANET 550 · BANTAM 150 · AMS-150R · AMS-150L · AMS-600

CAT. No.	Model	Fit to	Price
PL12120	K-218	CH5	42.00

Collet Nut K-263

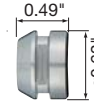


Fit to : CHA

Fit to _____
 NRA-5080 · NR-320 · ABS-800 · PS20-70/120 · PS20S-70 · PSA23-80/130
 PSA23S-80 · SMS400 · BANTAM 250 · PLANET 850 · PLANET 1500
 AMS-250 · AMS-1500 · MS-19 · 20 · 22

CAT. No.	Model	Fit to	Price
RA11820	K-263	CHA	42.00

Collet Nut K-265



Fit to : CHK

Fit to _____
 EM30-S6000 · EMA-3020K · EMS-3041 · EMS-3046-J4 · EMS-3052
 EMS-3057-J4 · EMS-3060K · EMR-3008K · NR-403E · NR-453E
 NRL-300E · RAS-101 · RAS-151E · RAS-2510 · RAS-H2510 · RAX-271E
 RAX-71E · NR-2532 · NR-H2532 · NR-2511 · NR-H2511 · NR-2551
 NR-H2551 · NR-2351 · NRL-300 · NR-303 · NR-303P · NR-311 · NR-3060S
 MS-23 · MSS-23 · MST-23 · MSST-23 · MSS-25 · MSSH-25 · ABS-400
 AMX-50 · AMX-65 (1/1 Ratio) · AMX-80 (1/1 Ratio) · PMA-3013K
 PMR-3005K · PMS-3020K · PS23-80/130 · PS23S-80 · PSA25-90/140
 PSA25S-90 · PSA30-100/160 · PSA30S-100 · PSA35-120/180
 PSA35S-120 · ABS-70P · HES510 · PLANET 400 · FG-01S · HPS250

CAT. No.	Model	Fit to	Price
RA11900	K-265	CHK	42.00

Collet Nut K-265A



Fit to : CHK

Fit to _____
 NRAF-5080

CAT. No.	Model	Fit to	Price
2158	K-265A	CHK	73.00

AMERICAN ROTARY TOOLS CO.

Toll Free USA Tel: (800) 624-2212

■ indicates Hand Grinder use
 ■ indicates Machine Spindle use

* Order by catalog number.

6-p7

1
E-maxEVO
ESPERT
ROTUS
ECONOM
IMPULSE
PRESTO II
SHEENUS neo
SONIC CUTTER
2
iSpeed
E2530
E2550
E3000
E3200
E4000
3
MA SERIES
σ0.897"
σ1.0"
σ0.98"
σ1.18"
MS SERIES
σ0.75"
σ0.79"
σ0.87"
σ0.91"
σ1.0"
σ0.98"
σ1.18"
HIGH SPEED
AMX
4
HES
HTS
HPS
SMS
PL
5
AIR LINE KIT
6
PARTS
7
TECHNICAL DATA
8
APPLICATION EXAMPLES
INDEX