

ANGLE HEADS



RIGHT, SPECIAL OR ADJUSTABLE 0° TO 90° ANGLE CONFIGURATION

CONTROL line for automatic tool change machines, or
MODULAR line for manual flange mounting machines

t. +39.0331.303911

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001/2000=

NEW LONG TYPES WITH LIMITED WEIGHTS AND OVERALL DIMENSIONS ABLE TO ENTER 13 mm HOLES



Solid mainshaft with drive input taper
(Case hardened and ground)

Positioning pin with automatic safety latch plunger

Orientation ring

Arm can swing 360° relative to the body

Adjustable graduated ring

Heat treated Gleason spiral bevelgears in a higher performance material **with a strength in excess of 300 kg / mm²**
(Used in the F.1 racing, aerospace and military fields)

Computerized computation of the data of the set gears:
more than one tooth working during mesh, more power transmitted, longer gear life, almost no noise

T90cn

Precision-lapped surface for accurate alignment

ER universal collets

Through hole for easy tool clamping

Rotating parts with double seal on the front (Mechanical seal + gasket)

MORE THAN 100 TYPES UNMATCHED PERFORMANCES FOR MILLING, DRILLING AND TAPPING



0° to 90° adjustable

TCUcn

Orientation ring

Solid one-piece **spheroidal cast iron main bodies** to ensure maximum rigidity and minimum weight and size

Each shaft supported by **2 sets of high-precision, pre-loaded, angular contact bearings** with long life grease lubrication

Rotating parts with double seal on the front (Mechanical seal + gasket)

Standard feature for disc cutters

Rotation on both axes for maximum versatility

OPTIONALS:

- High speed until 12.000 rpm
- Coolant feed trough the tool or through the drive input shank
- Double output option
- From ER11 until ISO 50 outputs
- 45 type shank
- Weldon end-mill or HSK output
- Internal air pressure
- CAT, MAS BT, DIN, HSK, CAPTO, or KM drive input shanks
- Torque until 250 Nm

STANDARD EQUIPMENT INCLUDES:

- Special bag
- Angle head - Retaining block
- Wrenches - ER nuts
- Grease tube - Instruction book



DRIVEN TOOLS

Don't buy a generic driven tool !
If you wish to mill, drill and tap with the highest performances buy the
Alberti-Gerardi double warranty !
(Simply the best, our passion)

- Solid one-piece spheroidal cast iron main-bodies.
- Main shaft in one solid piece with the drive input taper (case hardened and ground)
- 2 set of high-precision, pre-loaded, angular contact bearings with long life grease lubrication to support each shaft.
- Heat treated Gleason spiral bevel gears in a high performance material with a strenght in excess of 300 kg/mm² (used in the F.1 racing, aerospace and military fields).
- Case hardened and ground steel attachment.
- Rotating parts with double seals on the front (Mechanical seal + gasket).
- Tapping and milling operations.

OPTIONALS:

- Right, special or adjustable 0° to 90° angle configuration.*
- High speed until 12.000 rpm.*
- Coolant feed through the tool (max 70 bar).*
- Multiple output.*
- Weldon output end-mill or HSK output.*
- Internal air pressure.*

**DRIVEN TOOLS AVAILABLE
FOR FOLLOWING
LATHES BRAND:**

Biglia
CMZ
Doosan
Diplomatic
Emco
Gildemeister
Graziano
Goodway
Hardinge
Mazak
Mori Seiki
Nakamura
Okuma
Romi
Sauter
Takisawa
Traub



NEW **OKUMA** RANGE

**HIGH RIGIDITY
FOR MILLING OPERATIONS**



www.gerardi.it

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**STANDARD EQUIPMENT
INCLUDES:**

Driven tool
ER nuts - Wrenches
Grease tube - Instruction book
Clamping screw