



ANGLE HEADS



www.gerardiusa.com

INTEGRAL & MODULAR ANGLE HEAD SERIES

2 RANGES & MORE THAN 200 MODELS AVAILABLE



AHB

TOOLING & MACHINERY, INC.

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225
ISO Certified

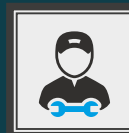
www.ahbinc.com
customerservice@ahbinc.com

IDEAL FOR MILLING, DRILLING & TAPPING OPERATION

QUICK ASSISTANCE in CHICAGO

1 YEAR GUARANTEED

MODULAR QUICK CHANGE



series
SLIM



MICROMACHINING

series
OFFSET



OFFSET OUTPUT

series
DOUBLE



DOUBLE OUTPUT

Gerardi angle heads are based on a solid technical know-how and on experience gained in 50 years spent at the side of our customers, during which we solved the most varied problems looking for the best solution and always ensuring the high quality and reliability of our products.

232 models of angle heads that can be split in two different ranges, CLASSIC LINE (the "integral" ones) composed of **141** models and EVOLUTION LINE (the "modular" ones) composed of **91** models. Both heads groups are accompanied by a range of options that complete their application and performance potentiality.



 **Made in Italy**

INTEGRAL ANGLE HEADS SERIES
CLASSIC LINE


Integral case hardened & ground shank and shaft and made in 1 piece.

Positioning pin with automatic release

Modular antirotation group

series
DOUB2E



Standard 10BAR coolant through the pin



Graduated ring

series
LIGHT


OUTPUTS:

ER collet (standard) / Weldon / Shell mill holder / Special

MODULAR QUICK CHANGE ADAPTORS

They are a modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs. All Adaptors are suitable for external and internal coolant supply and keep the presetting already done.



Internal thread



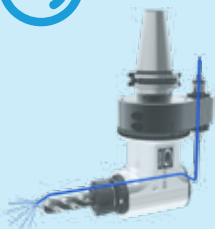
External thread

REDUCE SET-UP TIME
and ALLOW OFFLINE
TOOL PRESETTING !


ANGLE HEADS COOLANT TYPES:

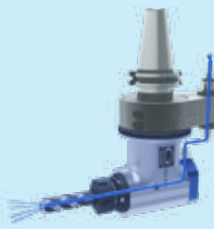
10bar

- » Positioning
- » Pin Tool



10bar

- » Positioning Pin
- » Rotating Distributor
- » Tool



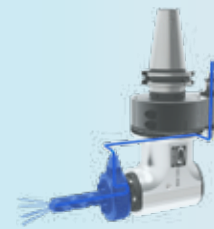
up to 70bar

- » Shank
- » Rotating Distributor
- » Tool



10bar

- » Positioning Pin
- » ReCool Nut
- » Tool



FIND OUT THE COMPLETE RANGE OF ANGLE HEADS

CLASSIC LINE

ATC

DIRECTION OF ROTATION OPPOSITE TO THE MACHINE SPINDLE

DIRECTION OF ROTATION SAME AS MACHINE SPINDLE

* ALSO AVAILABLE "L" SERIES WITH THE LONGER BODY

series LIGHT

Light angle heads with aluminum body

GL90-7 / GL90-10

Code	TYPE		ER	Nm	Rpm	List Price \$
9.GL9.07000	0		11 - Ø1/7	5	10.000	4,193
9.GL9.10000	0		16 - Ø1/10	10	10.000	3,640

GL90-16 / GTU-10

9.GL9.16000	1		25 - Ø1/16	24	8.000	3,780
9.GTU.10000	0		16 - Ø1/10	10	6.000	6,720

series GMU

Angle heads with adjustable angle from 0° to 90°

GMU-13 / GMU-16 / GMU-20

Code	TYPE		ER	Nm	Rpm	List Price \$
9.GMU.13000	0		20 - Ø1/13	6	4.000	5,338
9.GMU.16000	1		25 - Ø1/16	18	4.000	5,617
9.GMU.20000	2		32 - Ø2/20	32	4.000	6,017

* series STD 90°

Ideal for milling, drilling and tapping at ±90°

G90-5 / G90-7

Code	TYPE		ER	Nm	Rpm	List Price \$
9.G90.05000	1		8 - Ø0,5/5	4	10.000	4,158
9.G90.07000	1		11 - Ø1/7	5	10.000	4,477

G90-10 / G90-16

9.G90.10000	1		16 - Ø1/10	10	10.000	3,931
9.G90.16000	1		25 - Ø1/16	24	8.000	4,794

series DOUB2E

Angle heads series with 2 opposite outputs

G90-16 2U / G90-20 2U / G90-30 2U

Code	TYPE		ER	Nm	Rpm	List Price \$
9.G90.162U0	1		25 - Ø1/16	24	4.000	5,880
9.G90.202U0	2		32 - Ø2/20	40	4.000	6,238
9.G90.302U0	3		40 - Ø3/30	75	4.000	7,232

* series STD 90°

Ideal for milling, drilling and tapping at ±90°

G90-20 / G90-30 / G90-S40

Code	TYPE		ER	Nm	Rpm	List Price \$
9.G90.20000	2		32 - Ø2/20	40	4.000	5,068
9.G90.30000	3		40 - Ø3/30	75	4.000	5,973
9.G90.S40000	4		ISO40/ CAT/BT40	140	4.000	7,302

series OFFSET

Offset series for machining in narrow spaces with coolant input

GR90-5 / GR90-10

Code	TYPE		ER	Nm	Rpm	List Price \$
9.GR9.05000	1		SCHAUBLIN P6 - Ø0,3/4,5	9	8.000	7,980
9.GR9.10000	1		16 - Ø1/10	20	4.000	5,337

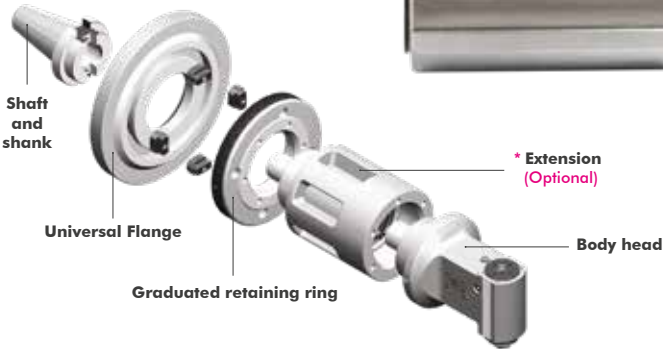
GR90-16 / GR90-S40

9.GR9.16000	1		25 - Ø1/16	20	4.000	6,454
9.GR9.S4000	4		ISO40/ CAT/BT40	140	4.000	8,680

MTC SERIES - MANUAL TOOL CHANGE

CLASSIC LINE

EVOLUTION LINE



This is a range of heads for traditional machine tools with flange attachment. The T-slot on the universal flange facilitates positioning the head 360° around its vertical axis. The modular system makes it possible to extend the length of the body by adding a spacer. The extension spacer, drive tapers and universal flange are modular and therefore interchangeable among all the heads of similar size.



MTC extension

On MTC series is possible to extend the length of the body by adding an extension



Double output option

With the double option output you can optimize the production cycle avoiding extra set-up



MULTIPOINT system

- High precision guaranteed
- For heavy duty machining
- Avoiding any type of vibration
- For any type of machine spindle



ReCool ER nuts

By ReCool nuts it is possible to get coolant through the tool even on angle heads which do not have this option.



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