



Series VH



Series MO



Series BAH



Series TA



Made in Italy

OMG North America

Sistemi di foratura
Sistemi di foratura
Sistemi di foratura

SERIES TA-TAV-TAF-TAO
Angle heads

SERIES HT
Revolving heads

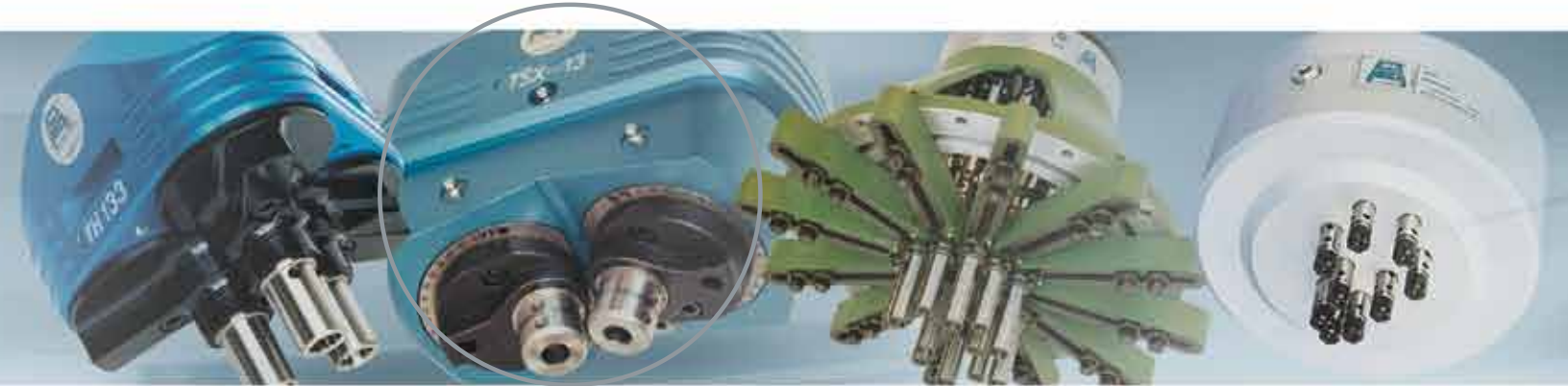


SERIES BAH
Extensions and Angle Head

SERIES M0
High precision spindle speeders

SERIES TSI-TSX
Twin milling heads

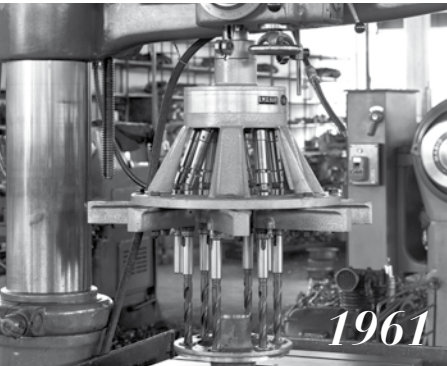
SERIES MT-TC-TC3
Flexible multi-spindle heads with fixed centers distance



SERIES VH
Variable axis heads

SERIES T/TS-TL-TR-TM/TRM
Universal joints multi-spindle heads

OMG headquarter



A modern business aiming for leadership in an important market such as industrial mechanics must balance the need for standard products with the growing demand for specials. At O.M.G. we have focused on these differing requirements to insure our success. Since our founding in 1960, when we chose to specialize in the production of multi-spindle heads, our future has been guided by market investments in research and development, continual improvement of a complete range of standard products and cooperation with our customers to find the best solution to their specific needs. Our headquarters sit in a total area of 10.000 square meters in Cavriago in the province of Reggio Emilia, in a territory where the mechanical manufacturing industry is traditional. Thus, we can avail ourselves of the technical know-how and human resources required to design and manufacture cutting edge products. We have a strong focus on providing quality customer service, with the goal of maximizing customer satisfaction.

The quality of a finished product is never the result of the sum of random events but is the outcome of the constant development in all production aspects, of ongoing care for detail and consistency in researching innovative materials to comply with health and safety and environmental safeguard standards. Our range of products have no rivals in the market: **Angle heads, Spindle speeders, Revolver turrets, Multi-spindle heads with fixed and adjustable axes, Special products** manufactured in lead-times that only an organization such as ours is able to guarantee. Constant technological innovation and our know-how are backed by a widespread skilled and professional commercial network, including strict selection of suppliers and personnel. We stand out from other manufacturers on the market thanks to our ISO 9001 certification, which guarantees customers that we are a proficient organization and that our production processes are kept under strict control.

OMG NorthAmerica



OMG NORTH AMERICA was formed by a partnership between two companies that have a long and important history in the metalworking field; OMG srl Italy and the well known TAPMATIC CORPORATION (www.tapmatic.com).

OMG NORTH AMERICA is located together with TAPMATIC, in a 33,000 square foot facility in Post Falls, Idaho USA. In this location, OMG North America has established sales and financial offices, inventory, service and shipping departments.

The purpose of OMG NORTH AMERICA is to offer the complete OMG line of angle heads, spindle speeders and multi-spindle heads to the US Market. Maximizing customer satisfaction is our main goal.

In this connection FAST delivery is an important factor, and for that reason a large inventory with the most common products are ready in stock in Post Falls, Idaho USA.

Another strong point is our EXCELLENT service, as the OMG NORTH AMERICA sales team receives training on a continuous basis to provide the latest information to our customers. Consequently we can provide FAST technical support: Trained technicians are available to help you find the best solution for your application.

Thanks to the technical know-how and human resources OMG NORTH AMERICA has the CAPABILITY to design and manufacture special products to meet our customer's specific needs. OMG is unique in the industry for the wide variety of special heads we have produced.

OMG products are COMPETITIVELY priced and made to the highest quality standards. You won't find a better value anywhere else.

OMG NORTH AMERICA expands your Machine's CAPABILITY!!!





SERIES [BAH]

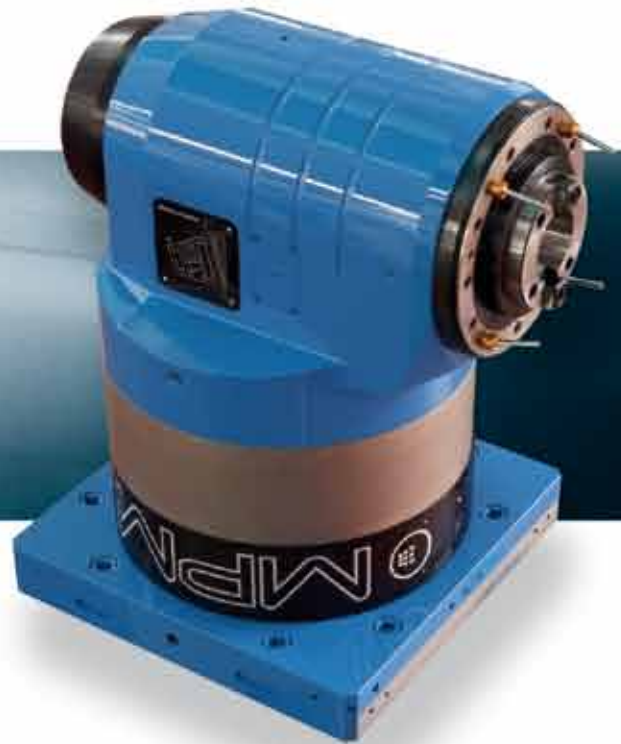
[BAH]

Extensions Spindle
Angle heads
Angle heads with automatic axis movement





SPECIAL EXECUTIONS



SERIES [TA-TAV-TAF-TAO]

[TA]

Right angle heads

Available in 29 size/ Max. drilling capacity 26 mm/
90° between axis head and spindle

OUR ANGLE HEADS ARE MADE WITH:

standard input system: CAT-HSK-BT-DIN69871-
CAPTO-drive type

steel housings

ratio 1-1

max rpm 10.000

shaft drive and spindle with preloaded oblique
ball bearings, precision ABEC7 or 9

spiral bevel gears with ground teeth to reduce
noise and transmission vibration

standard output spindles are ER collet, HSK, or
milling arbor

permanent grease lubrication

balanced ER nuts

ATC torque arm with taper pin to eliminate play

torque arm rotates 360° about its axis

external coolant supply through the stop arm to
an adjustable nozzle near the cutting tool

internal coolant supply to 145 psi on TA..D series,
through the stop arm through the output spindle
center



SPECIAL EXECUTIONS



**NEW
ENTRY**



**LIGHT DUTY
SERIES**

[TA...CP]

Right angle heads
Available in 4 size/ Max. drilling capacity 16 mm/
90° between axis head and spindle

SERIE [TA-TAV-TAF-TAO]

[TA...2P]

Two spindle right angle heads
 Available in 6 size/ Max. drilling capacity 26 mm/
 Two spindles 180 degrees apart (take out 90° degree head
 between axis head and spindle)

OUR ANGLE HEADS ARE MADE WITH:

standard input system: CAT-HSK-BT-DIN69871-
 CAPTO-drive type

steel housings

ratio 1-1

max rpm 10.000

shaft drive and spindle with preloaded oblique
 ball bearings, precision ABEC7 or 9

spiral bevel gears with ground teeth to reduce
 noise and transmission vibration

standard output spindles are ER collet, HSK, or
 milling arbor

permanent grease lubrication

balanced ER nuts

ATC torque arm with taper pin to eliminate the
 play

torque arm rotates 360° about its axis

external coolant supply through the stop arm to
 an adjustable nozzle near the cutting tool

internal coolant supply to 145 psi on TA..D series,
 through the stop arm through output spindle
 center

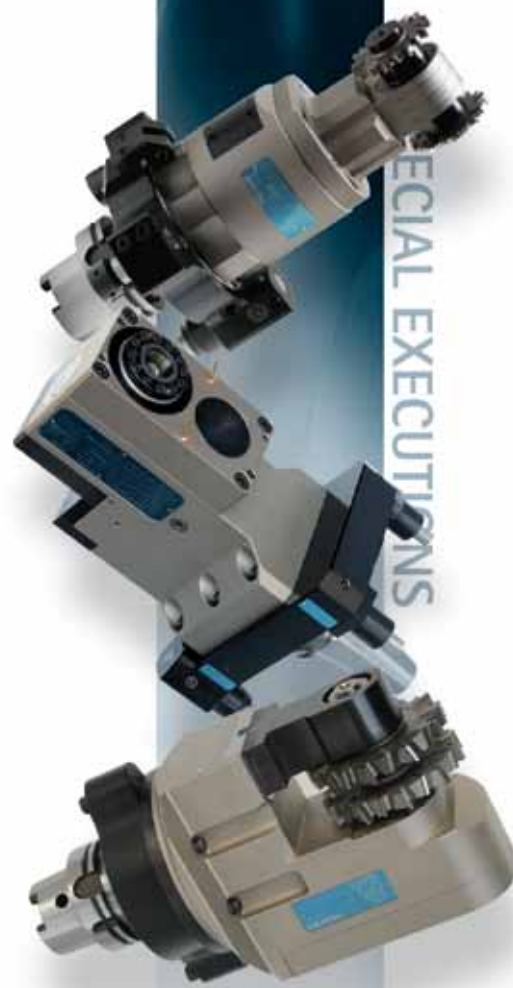
internal coolant supply to 1.000 psi on TAO..D
 series, through shank to the output spindle
 center



[TAV]

Variable angle heads

Available in 6 sizes/ Max. drilling capacity 20mm/
 Adjustable angle from +90° to -90° between axis head and spindle



[TAF]

Fixed angle heads
Available in 3 sizes/ Max. drilling capacity 20 mm/
Fixed angle according to customer request



[TAO]

Offset angle heads
Available in 4 sizes/Max drilling capacity 20mm/90° between axis head
machine spindle/ Coolant through the centre shank-centre spindle at 40 bar.

MAIN FEATURES OF SPINDLE SPEEDERS:

standard input system: CAT-HSK-BT-DIN69871-
CAPTO-drive type

ratio input-output: 1-8, 1-6, 1-4

max rpm 35.000

spindle with preloaded oblique ball bearings
precision ABEC7 or 9

gears with ground teeth to reduce noise and
transmission vibration

standard output spindle is ER collet

permanent grease lubrication

balanced ER nut

ATC torque arm with taper pin to eliminate play

external coolant supply through the stop arm to
an adjustable nozzle near the tool



SERIES [MO]

High precision spindle speeders
Available in 6 size/ Max. 35.000 RPM/
Max drilling capacity mm34





SERIES [HT]

Turret heads
Available in 4 sizes with max. 8 spindles/
Turret heads with crown Hirth clamping/ Max. spindle speed 12.000 RPM



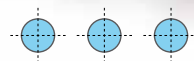
SPECIAL EXECUTIONS



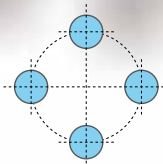
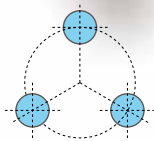
SERIES [VH]

Variable axis multi spindle heads

Available in 51 size with 1-2-3-4 spindles/ Max. drilling capacity mm25/
Min. center distance mm12/ Max. drilling area \varnothing mm300



SPECIAL EXECUTORS



SERIES [TSI-TSX]

Twin milling heads
With adjustable axis and two parallel or convergent spindles/ Available in 12 size/
Min. center distance mm18/ Max. center distance mm147



SPECIAL EXECUTIONS



SERIES [T/TS-TL-TR-TM/TRM]

[T/TS]

Universal joint multi-spindle heads with circular base
Available in 12 size with max. 12 spindles/
Max drilling capacity mm22/ Min. center distance mm15/
Max drilling area ø mm350



[TL]

Universal joint multi-spindle heads with linear base
Available in a 9 models with max. 12 spindles/
Max. drilling capacity mm22/
Min. center distance mm17/ Max. drilling area mm605

[TM/TRM]

Quick connection universal joint multi-spindle heads with circular base and rectangular base
Available in 6 size with max. 26 spindles/ Drilling capacity mm25/
Min. center distance mm23/ Drilling area: \varnothing mm480 - mm720x330



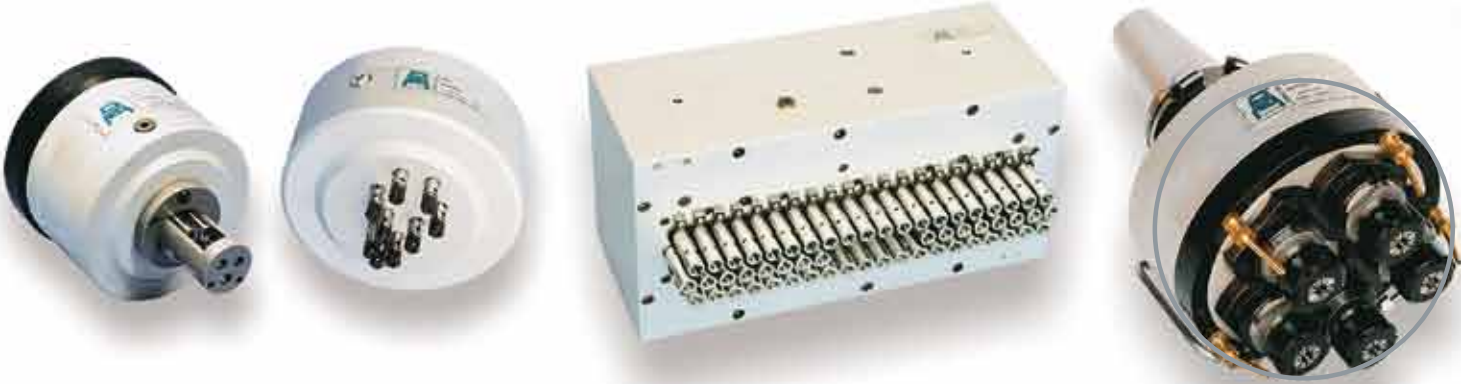
[TR]

Universal joint multi-spindle heads with rectangular base
Available in 5 models with max. 16 spindles/
Max. drilling capacity mm22/ Min. center distance mm32/
Max. drilling area mm395x345

SERIES [MT-TC-TC3]

[MT]

Flexible multi-spindle heads with fixed center distance
Series MT/ Max. drilling capacity 10mm/
Min. center distance 9mm/
Especially suitable for drilling holes with close center distance



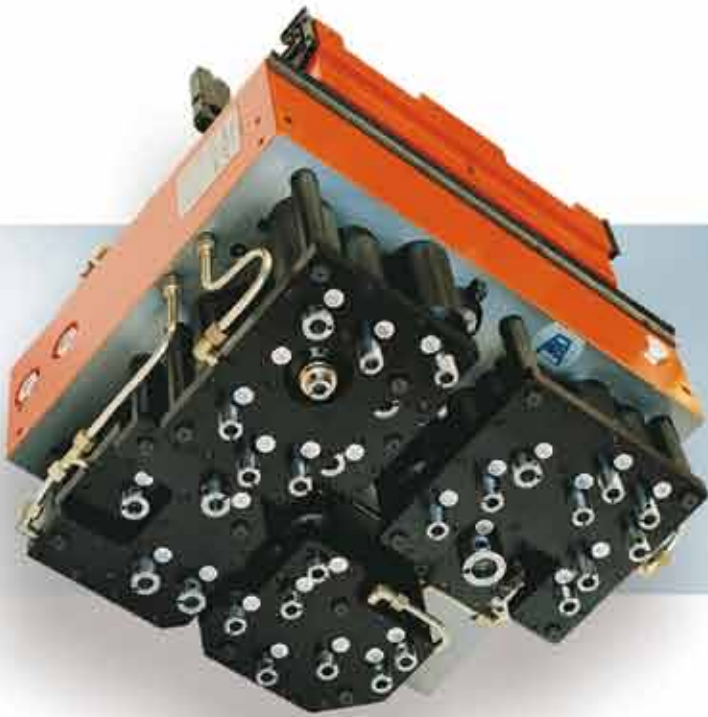
[TC]

Flexible multi-spindle heads with fixed centers distance
Max. drilling capacity 22mm/ Min. center distance 16mm/
40 different types

[TC3]

Flexible multi-spindle heads with fixed center distance

Max. drilling capacity 32mm/ Min. center distance 26mm/ 39 different types of spindle



SPECIAL [BAH]

special executions



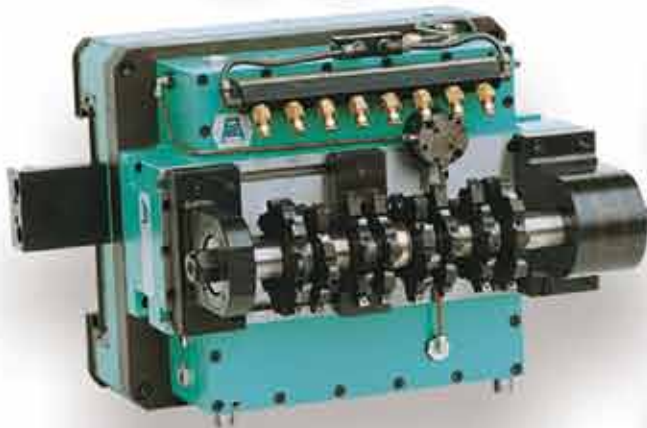
SPECIAL [TA]

special executions



[SPECIAL EXECUTIONS]





[SPECIAL EXECUTIONS]

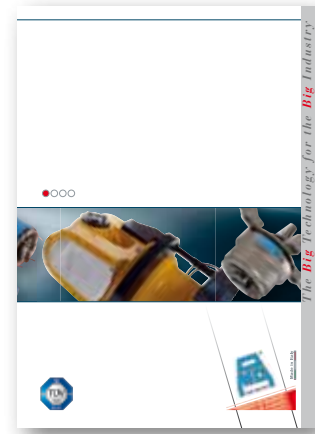




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- **Our Full Technical Catalog**



- **Brochure Big Head for Big Industries**

...or visit our website www.omgamerica.com

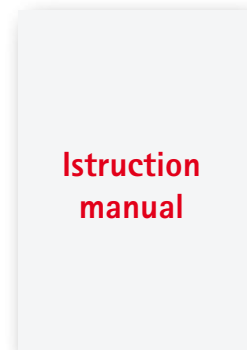


where you will find more information about OMG NorthAmerica and all our products including downloads of



- **2D and 3D drawings**

- **Instruction Manuals**





Series MT-TC-TC3



Series T



Series TSI/TSX



Series HT



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