

 **Nakamura-Tome**
Precision Industry Co., Ltd.



TW10

**GET
THE
MOST
FROM
YOUR
TURNING
CENTER**



*High Precision Tool Holders And Spindle Units
For Most CNC Turning Machines*

BARDONS & OLIVER • HITACHI SEIKI
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HURCO • PROEBA • BENZINGER
• HWACHEON • REPUBLIC CLAGUN
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BRITAIN • HARDINGE • OKUMA
• BARDONS & OLIVER • HITACHI
SEIKI • HURCO • PROEBA
• BENZINGER • CLAUSING
• JOHN FORD • TONGIL •



ITI TOOLING COMPANY INC. is a unique and experienced supply company, offering an extensive range of top-quality "Driven" and "Static" tool holding solutions for most CNC Lathes from around the world.

We supply the world's finest CNC Lathe Tool Holders, manufactured by companies who have been recognized as industry leaders for decades. Our clients have gained confidence in the quality and "know-how" that comes from our many years experience addressing a broad spectrum of applications in all industries. Applications that utilize not only our standard Tool Holders but also "Multi-Head" and "Multi-Spindle" Units, along with other custom designs, which have economically solved problems for today's more demanding, multi-tasking and highly competitive manufacturing environments.

We offer precision, top quality toolholders and spindle units designed as Bolt-on, VDI and other styles of mounting systems that are available and manufactured to meet the highest standards of quality using only the finest materials available.



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37 Orchard St., Ramsey, N.J. 07446 1-888-88-INDEX



What we are made of...

Our focus is on the highest quality standards and utmost commitment to ensure the optimal design of our products in form and function. For this purpose, we systematically invest in state-of-the-art production lines and develop methods for quality assurance in cooperation with external institutions.

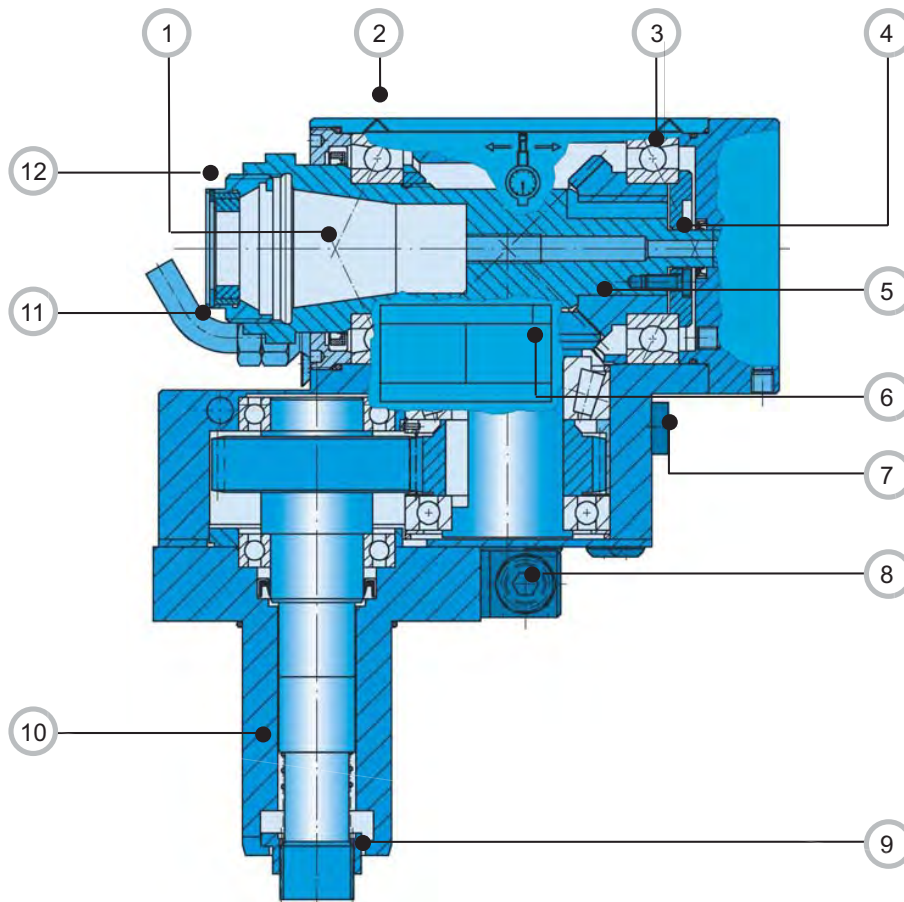
Competence and reliability in our advisory services, our daily communication and project management – these are the core elements convincing our customers of our performance and services over and over again.

www.ITITooling.com

*Even the finest "state of the art" cutting tools used on the best lathes
are only as good as the **tool holders** that support them.*



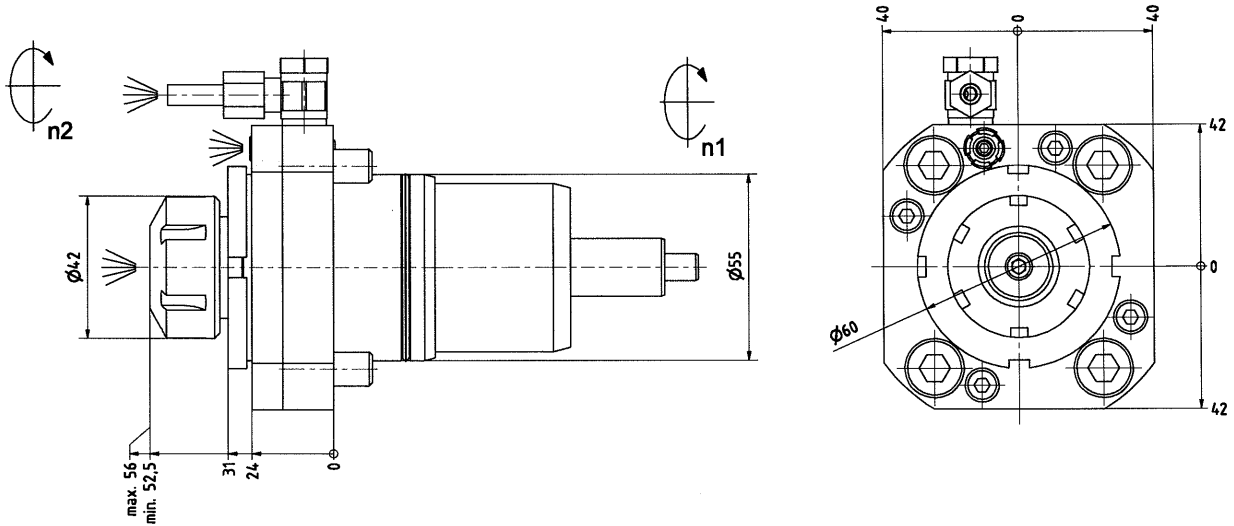
Twelve reasons to specify ITI Tooling Co.



- | | |
|--|---|
| <ul style="list-style-type: none"> ① Highest possible rotational accuracy. ② Qualified datum surface for rapid alignment. ③ Optimum pre-loaded bearing configurations for maximum stiffness ■ ④ Patented high-pressure internal coolant delivery system. ⑤ High-precision gear train of optimum power and performance. ⑥ Laser etched identification plate. ⑦ Independent external coolant connection ■ ⑧ Unique “rapid-set” spindle alignment device to minimize tool change and set-up time. | <ul style="list-style-type: none"> ⑨ Patented spindle orientation detent for rapid tool drive engagement ⑩ Many units offered with a Universal mounting shank with double tooth rack for right-hand or left-hand operation ⑪ External coolant supply – can be individually fitted ⑫ Many units have a recessed collet clamping nit ensuring maximum stiffness and an optimum interference free zone |
|--|---|

All spindle units undergo stringent monitoring during a running-in procedure testing, including thermal testing and prior to delivery, to ensure guaranteed performance immediately upon being placed into service.

ITI - Axial (straight) Drilling and Milling Head

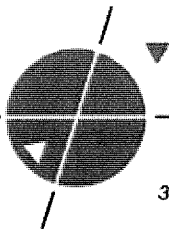
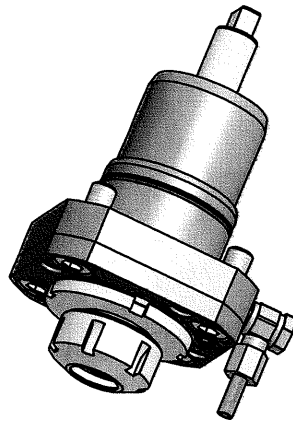


Part No.

40.5525TW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER25	1.0-16.0

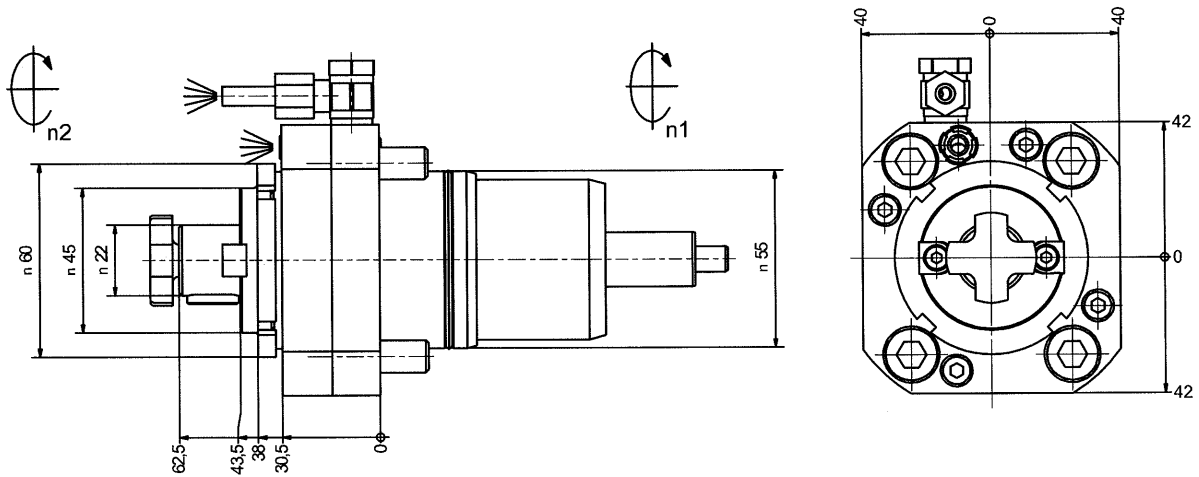


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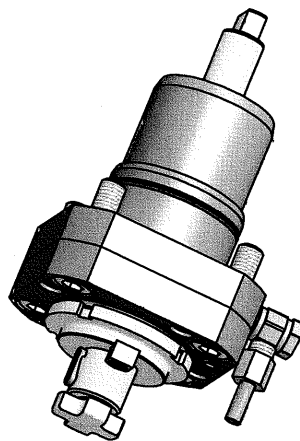
ITI - Axial (straight) Drilling and Milling Head



Part No.
42.5522TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min

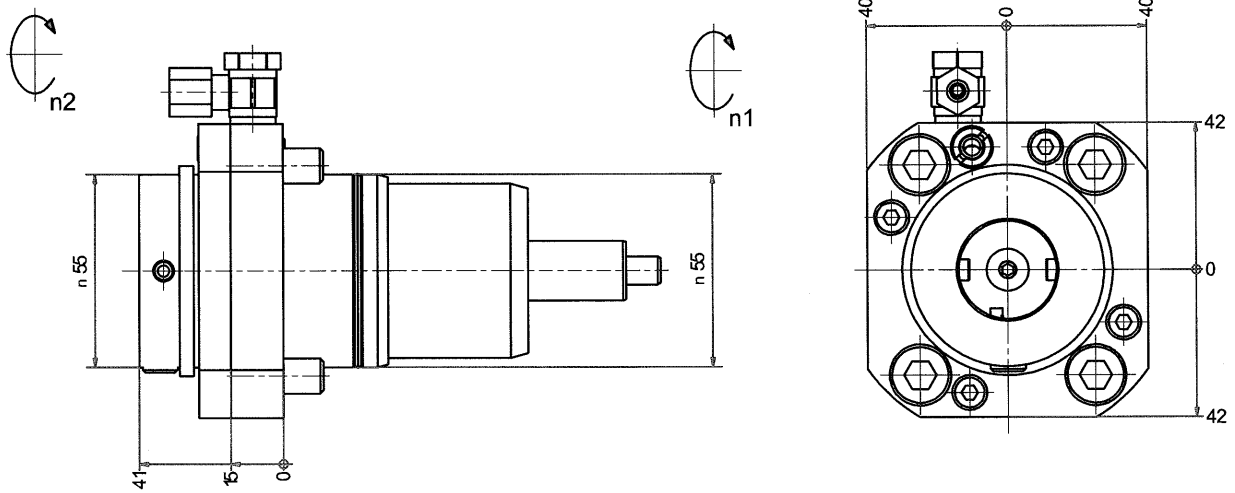


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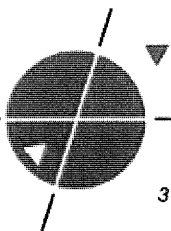
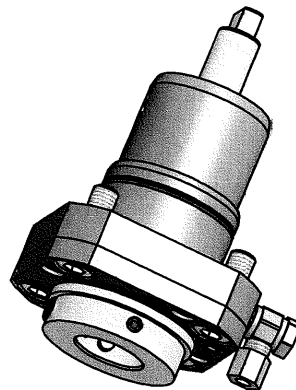
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.55V3TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	Varia - V3

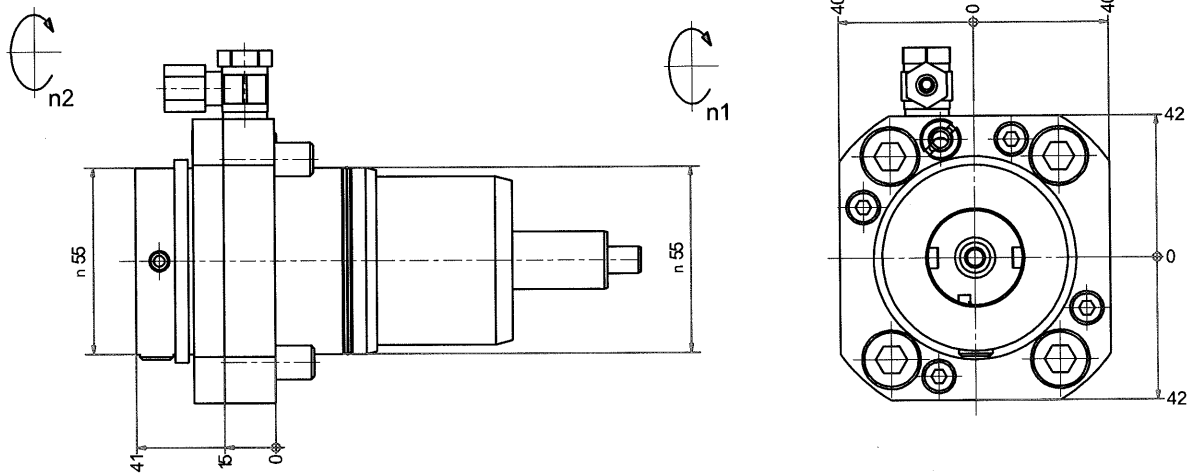


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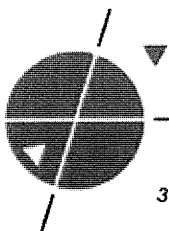
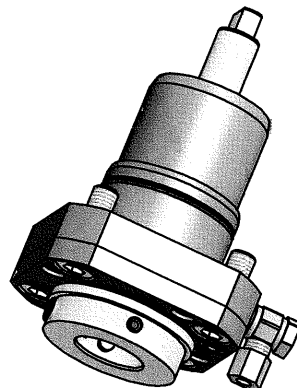
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.55V3TW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	Varia - V3

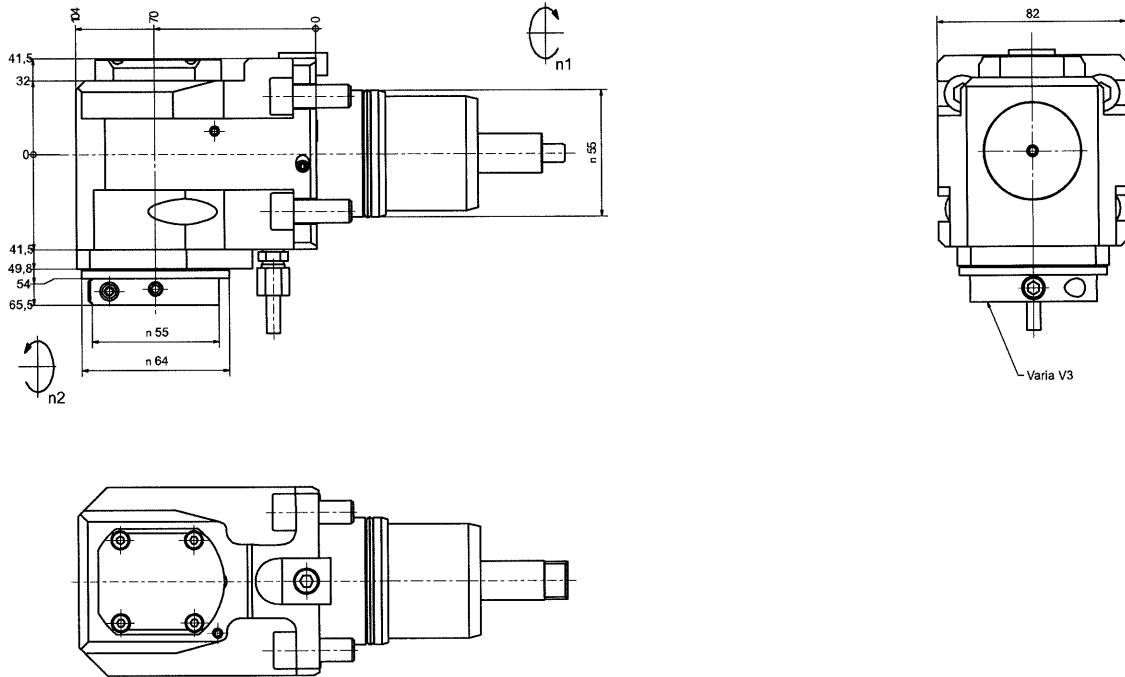


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ITI - Radial (90°) Drilling and Milling Head

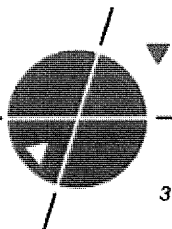
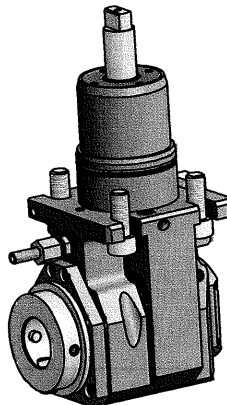


Part No.

60.55V3TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	Varia - V3

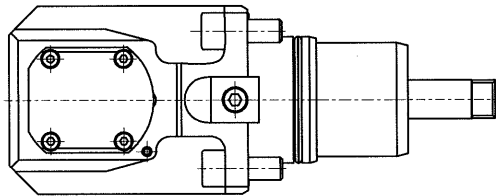
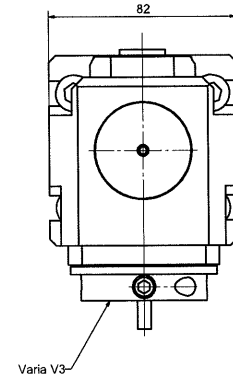
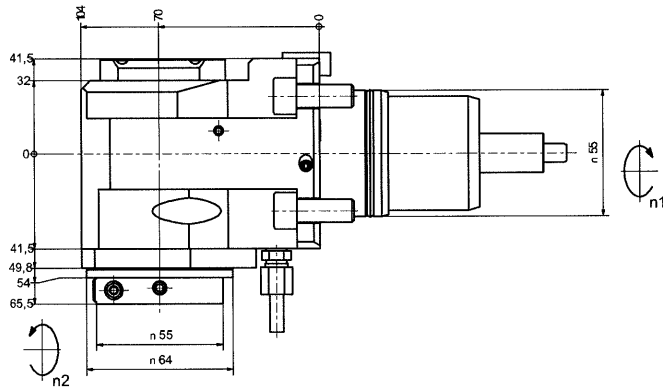


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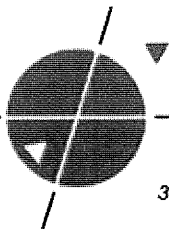
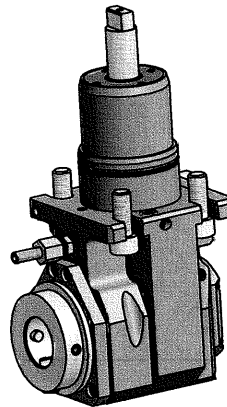
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.55V3TW10i1

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Ext.	1:1	24 Nm	12 Nm	6000 1/min	12000 1/min	Varia - V3

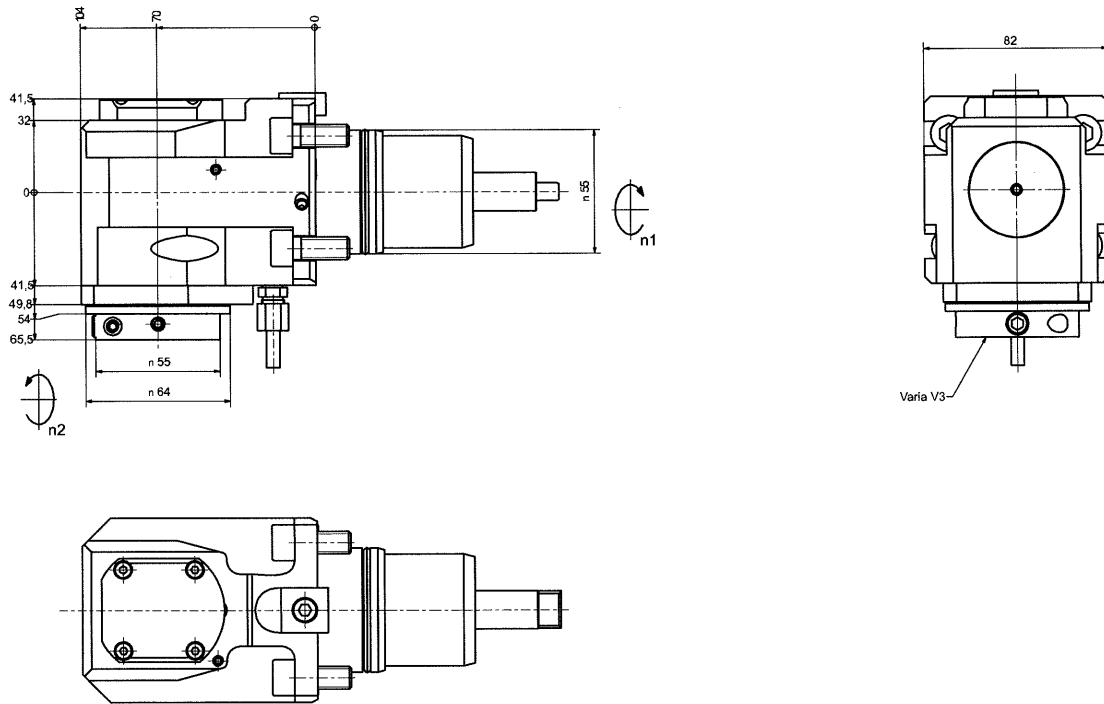


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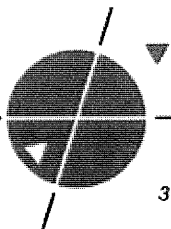
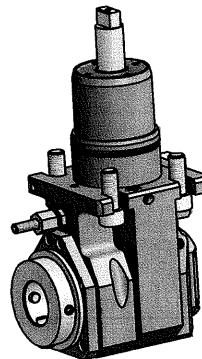
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.55V3TW10i2

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Ext.	2:1	25 Nm	50 Nm	6000 1/min	3000 1/min	Varia - V3

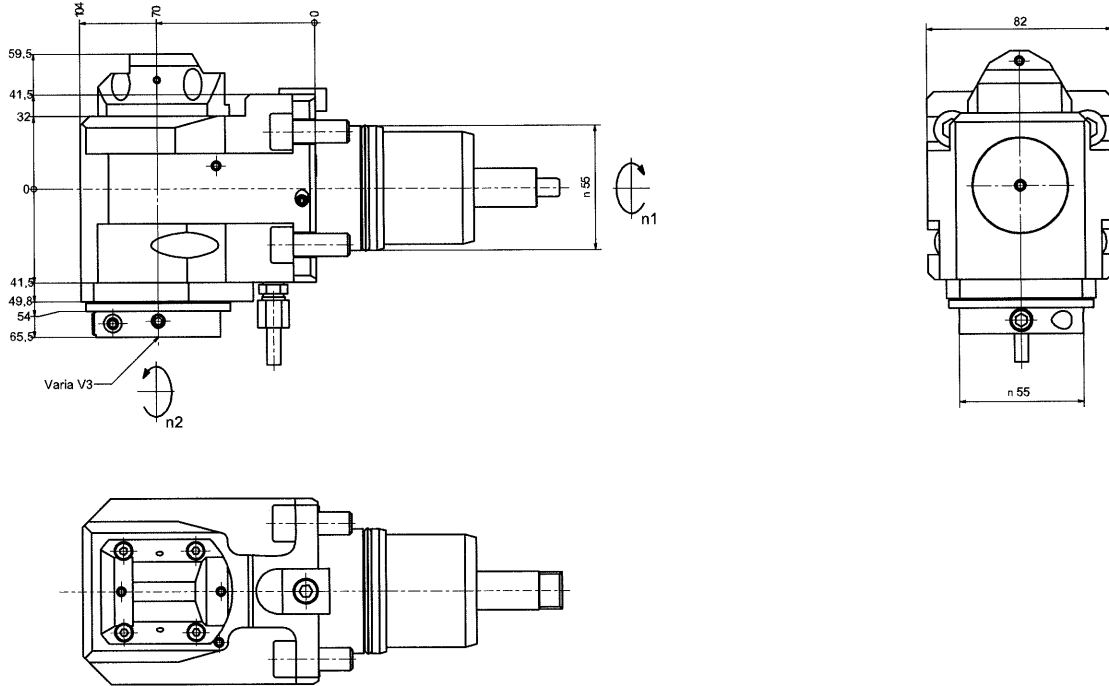


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ITI - Radial (90°) Drilling and Milling Head

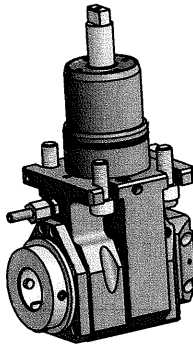


Part No.

60.55V3TW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	Varia - V3

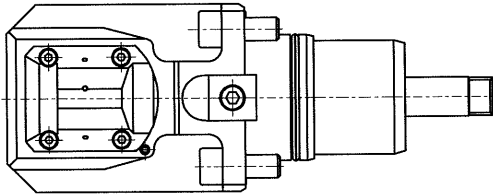
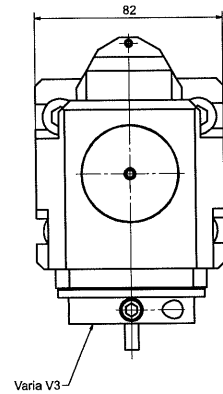
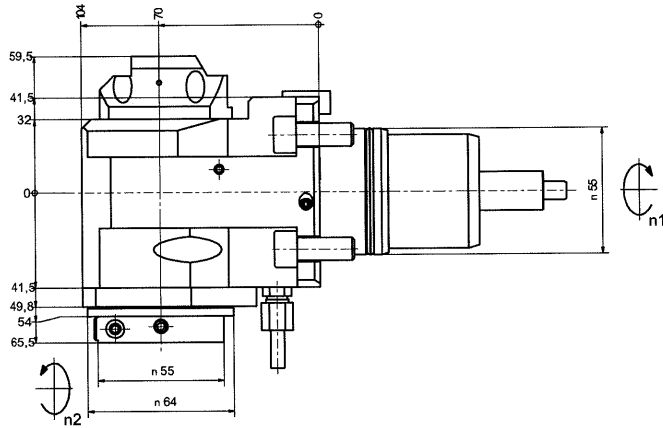


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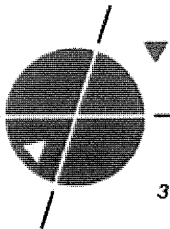
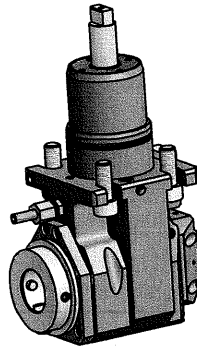
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.55V3TW10-IKi1

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Int. / Ext.	1:1	24 Nm	12 Nm	6000 1/min	12000 1/min	Varia - V3

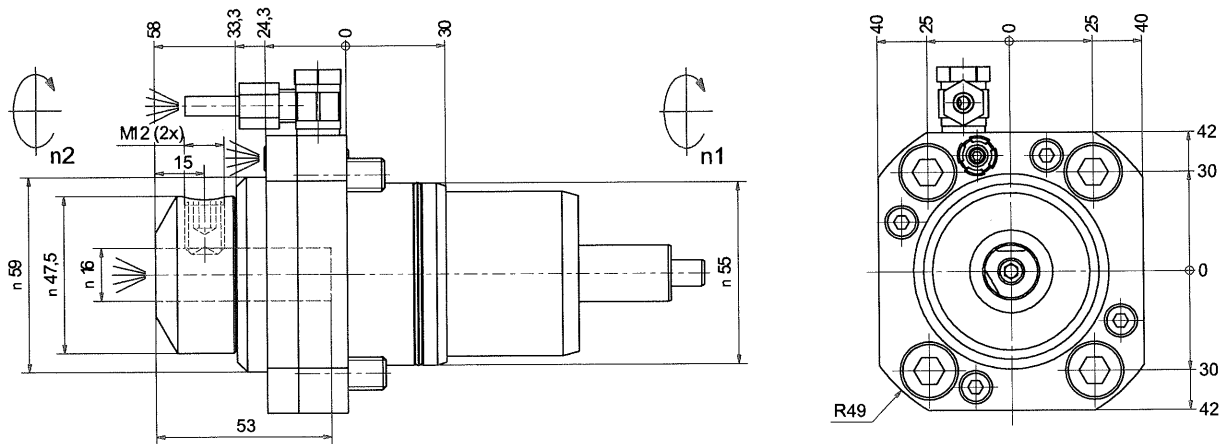


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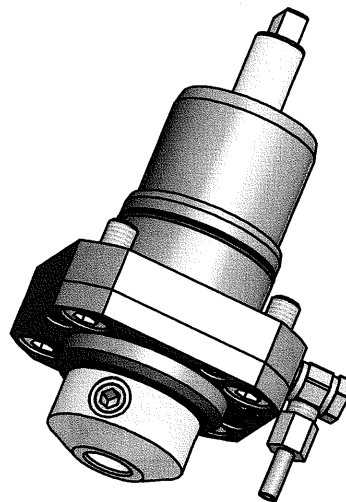
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.5516WNKRTW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	Whistle Notch

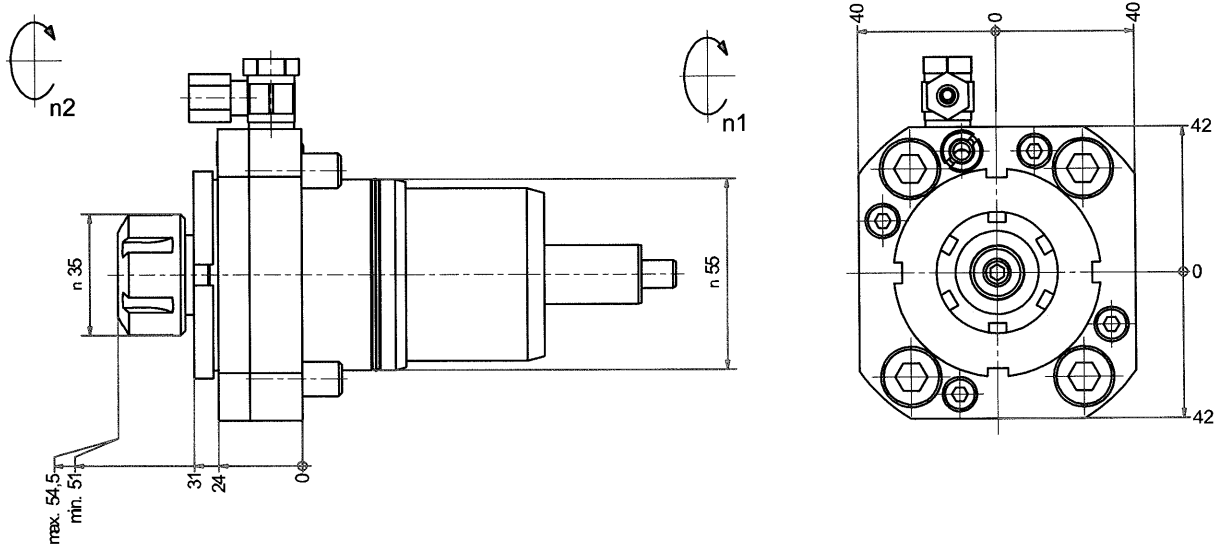


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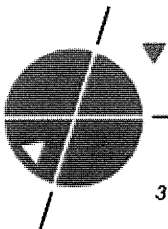
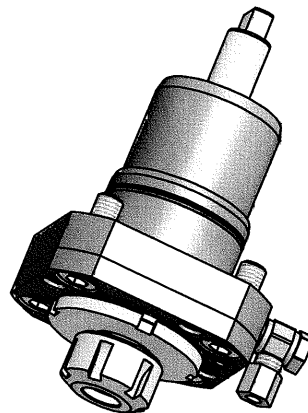
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.5520TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range	Tapping Collet
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER20	1.0-13.0	ET 1-20 M2-M6

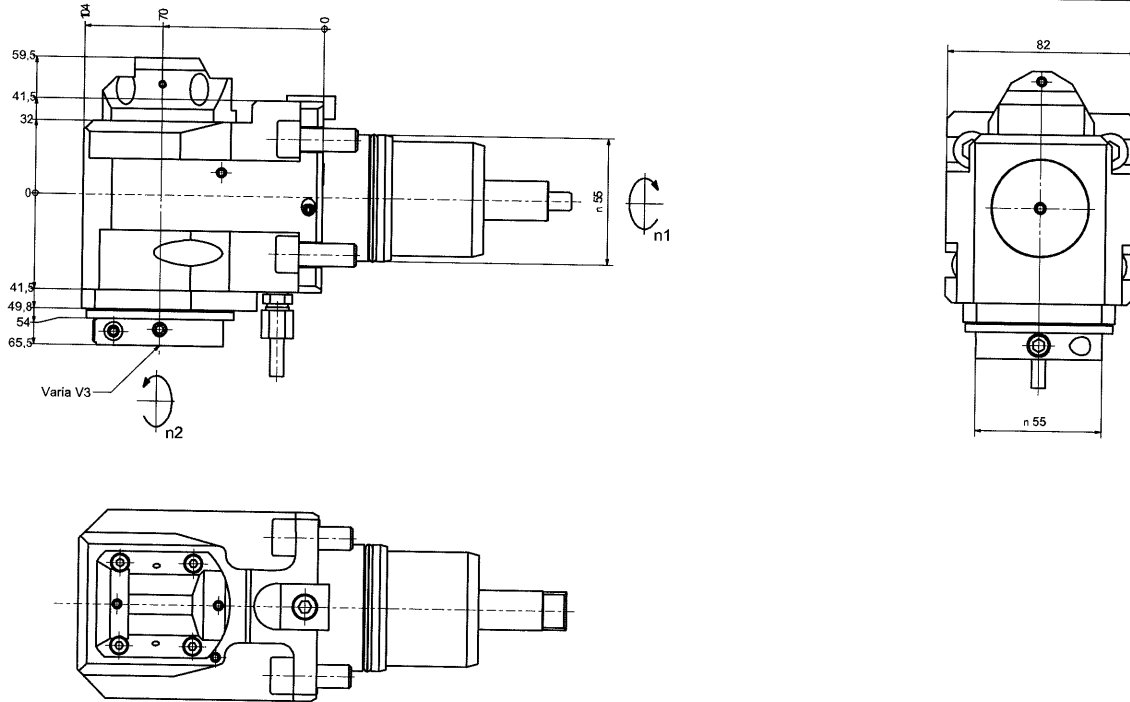


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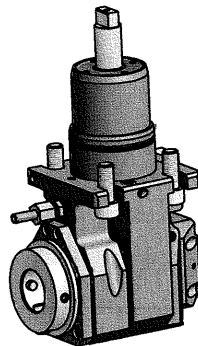
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.55V3TW10-IKi2

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Tooling System
Int. / Ext.	2:1	25 Nm	50 Nm	6000 1/min	3000 1/min	Varia - V3

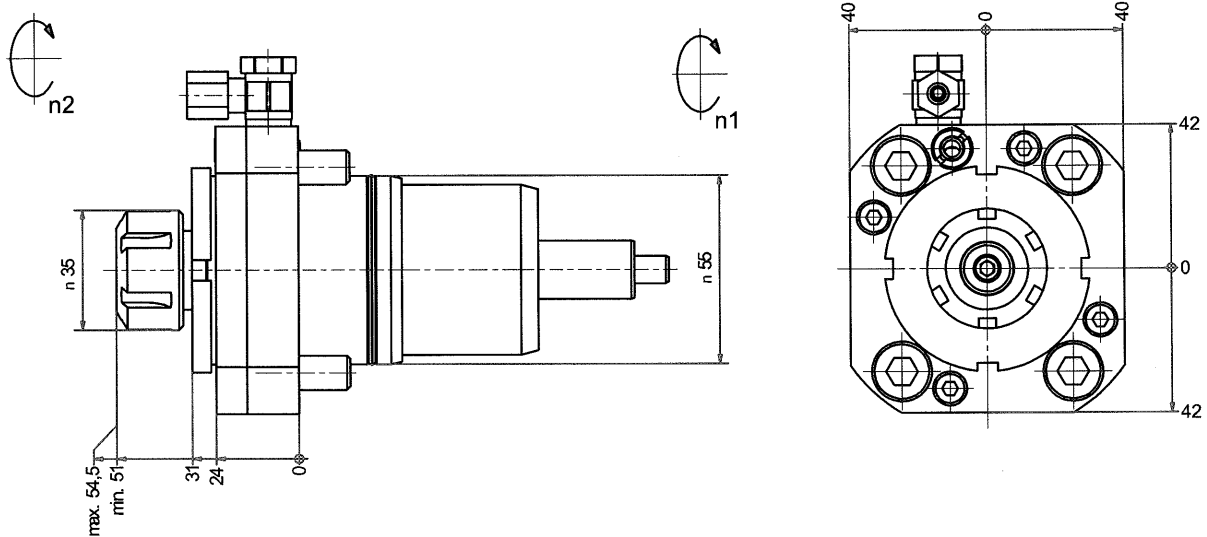


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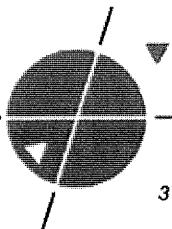
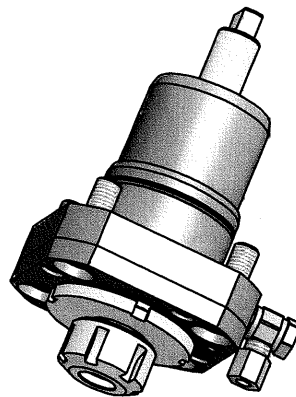
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.5520TW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER20	1.0-13.0

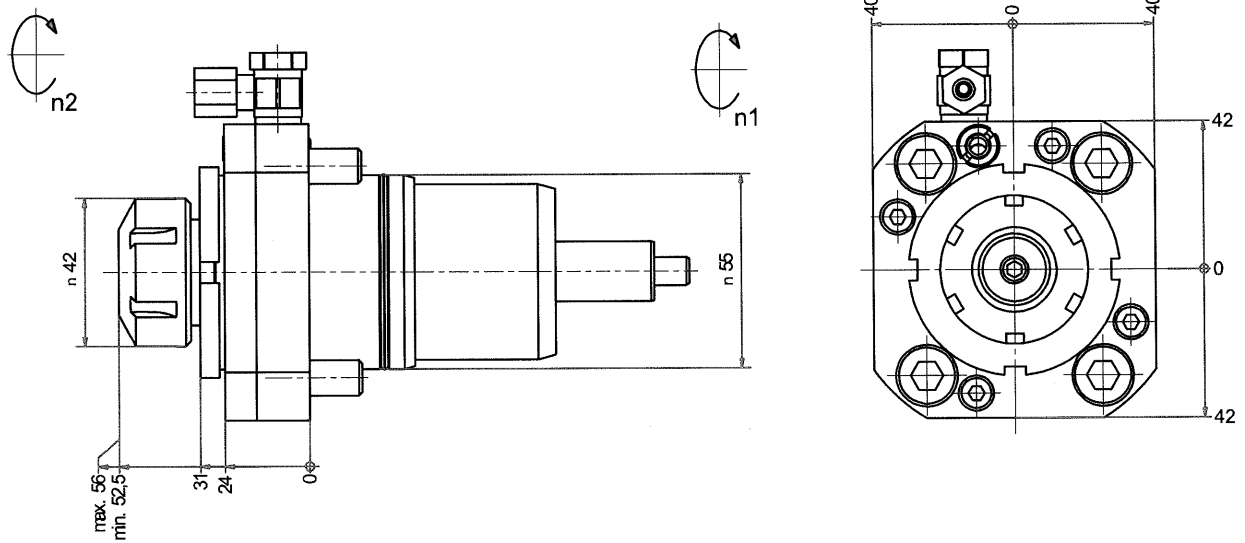


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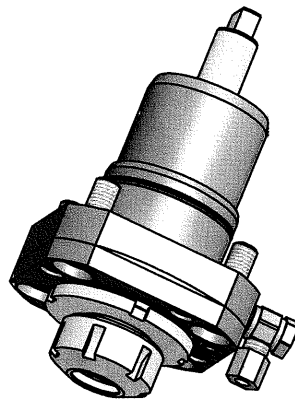
ITI - Axial (straight) Drilling and Milling Head



Part No.
40.5525TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range	Tapping Collet
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER25	1.0-16.0	ET 1-25 M3-M10

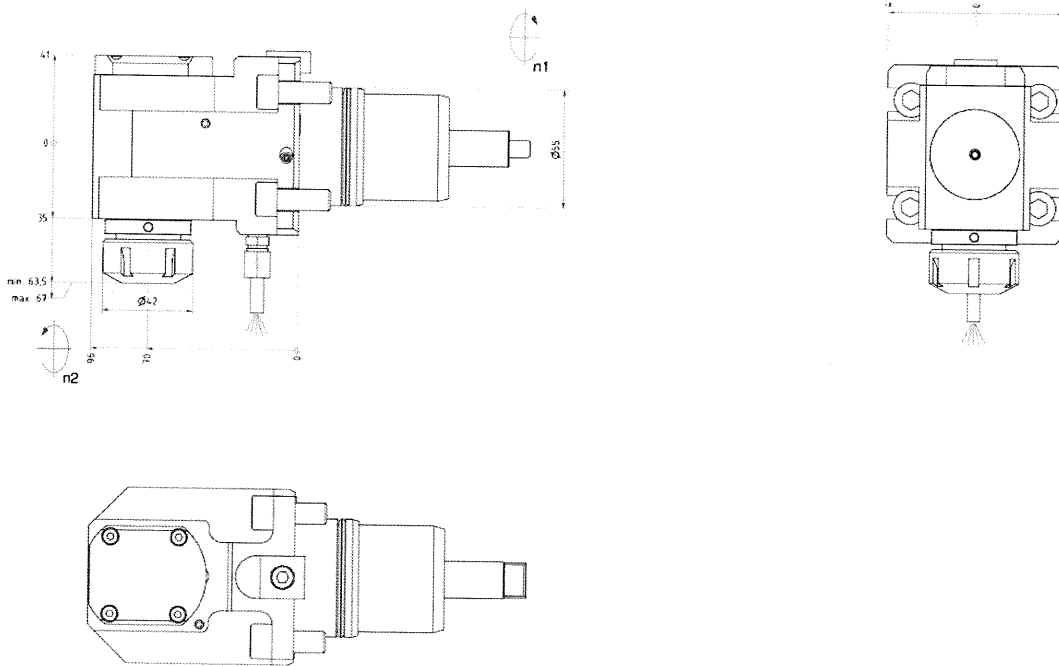


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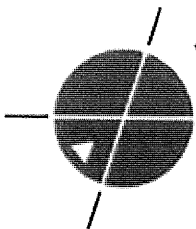
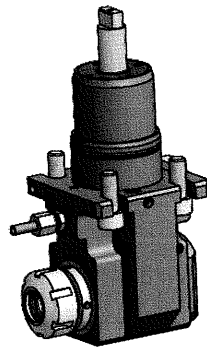
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.5525 TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range	Tapping Collet
Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER25	1.0-16.0	ET 1-25 M3-M10

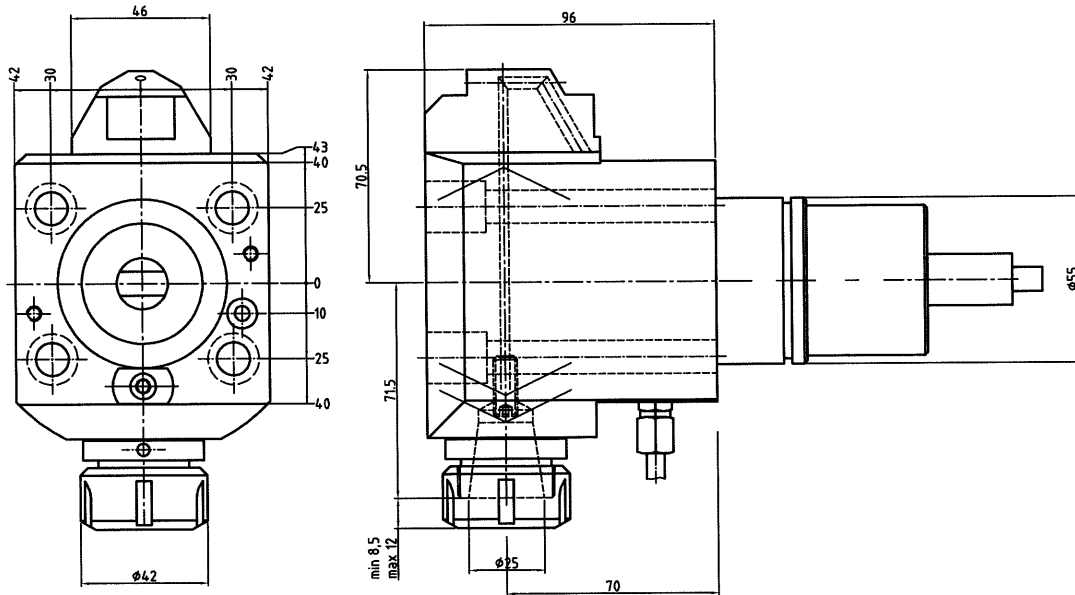


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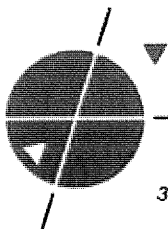
ITI - Radial (90°) Drilling and Milling Head



Part No.
60.5525STW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER25	1.0-16.0

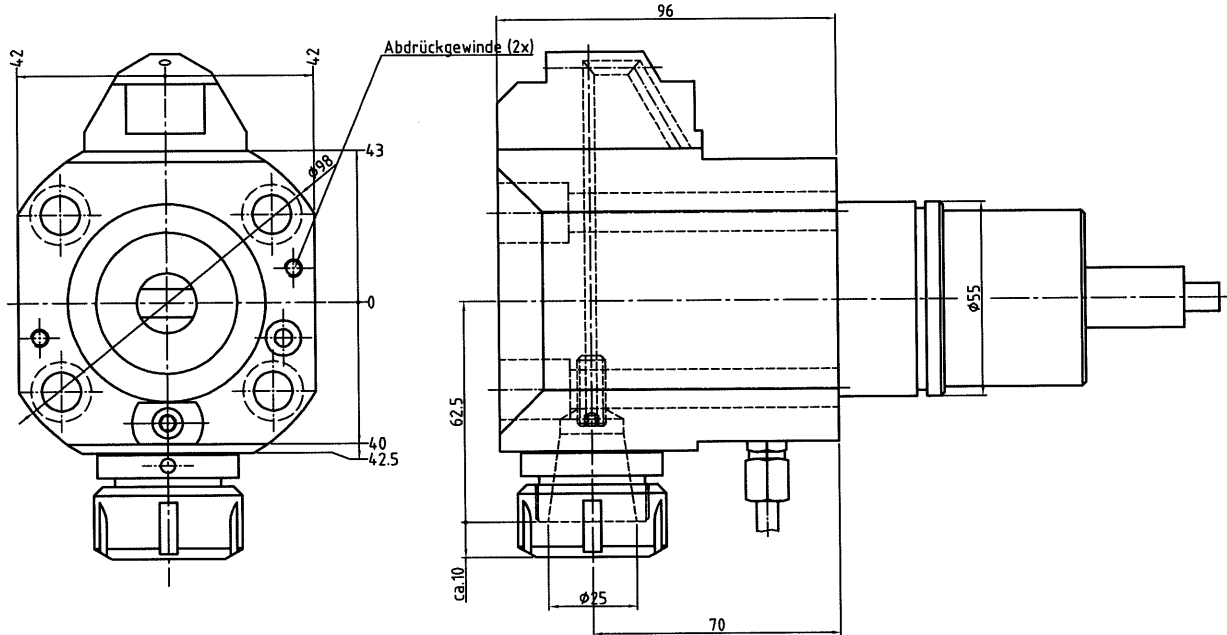


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ITI - Axial (straight) Drilling and Milling Head



Part No.
60.5525TW10-IK

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range
Int. / Ext.	1:1	25 Nm	25 Nm	6000 1/min	6000 1/min	ER25	1.0-16.0

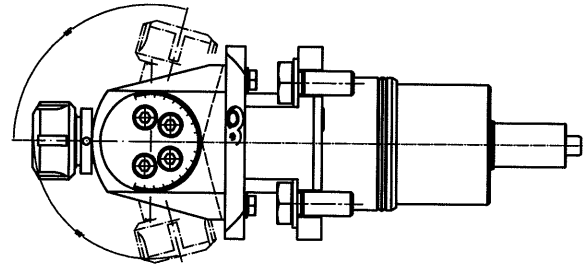
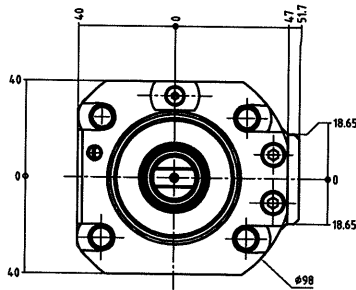


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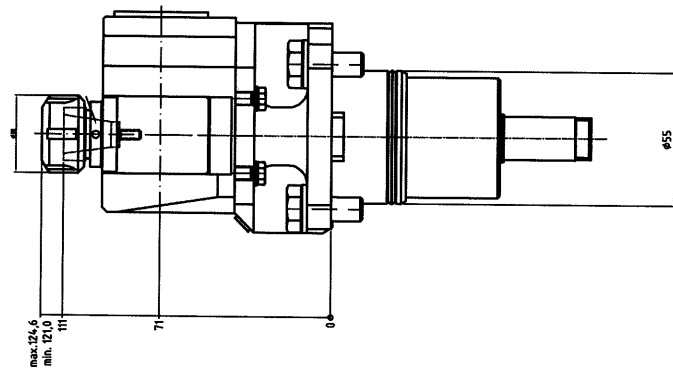
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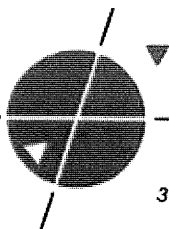
Direction of rotation: Non-drive output



Part No.
63.5516LTW10i1

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range
Ext.	1:2	16 Nm	16 Nm	8000 1/min	8000 1/min	ER16	0.5-10.0

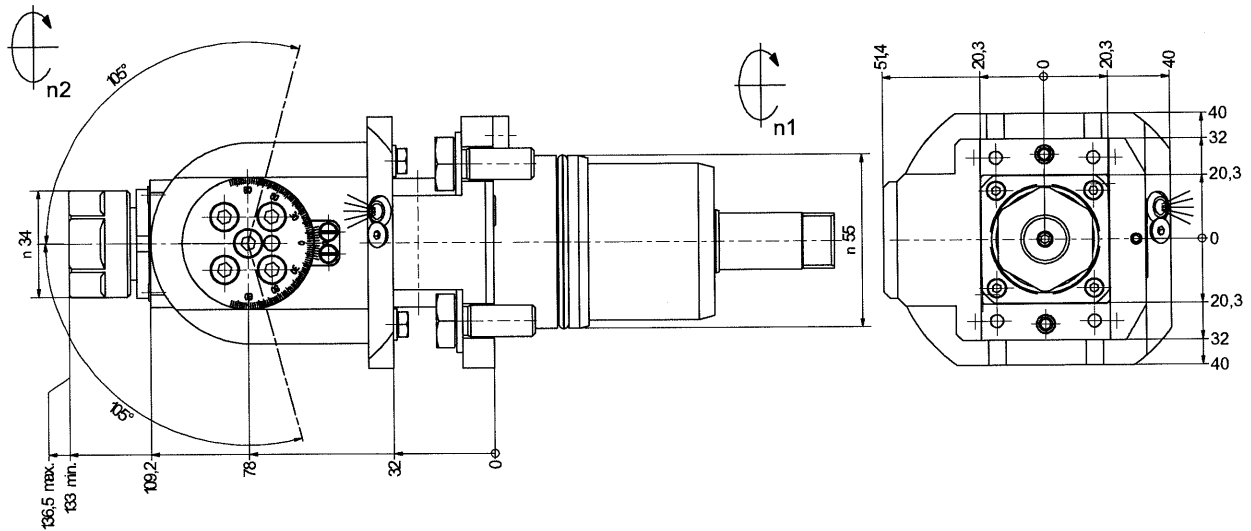


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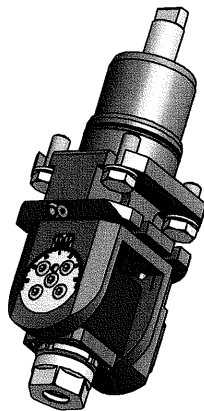
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Part No.
63.5520TW10

Subject to technical modifications

Coolant	i	M1	M2	n1	n2	Collet	Clamping Range	Tapping Collet
Ext.	1:1	16 Nm	16 Nm	6000 1/min	6000 1/min	ER20	1.0-13.0	ET 1-20 M2-M6



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