

OMAP Tools 

**PORTAUTENSILI
MOTORIZZATI
DRIVEN
TOOLHOLDERS**

TAKISAWA[®]

T A I W A N

2023



Omap Tools Sas lavora in questo settore dal 1970. Nata come officina meccanica in lavorazione per conto terzi è riuscita a rinnovare completamente la strategia aziendale con la produzione propria di Pinze e Mandrini Porta Pinze Din 69871 e Din 2080.

'70

OMAP TOOLS S.a.S. was founded in 1970. It was born as a machine shop working on short orders and was able to transform it self and its strategy, beginning with the manufacturing of brand name collet chucks, collets, and accessories for machine tools.

Negli anni 90, date le maggiori esigenze del cliente e grazie allo sviluppo tecnologico Omap Tools Sas è riuscita ad aumentare la sua gamma con la produzione dell'ultima generazione dei porta pinze HSK Din 69893 nelle diverse forme esistenti A-E-F e dei Moduli Rotanti.

'90

In the early 1990's due to technological upgrading OMAP TOOLS was able to satisfy growing customer needs by adding the new Rotary Driven Tools emerging on the market GOODWAY, DMG - MORI SEIKI, OKUMA MAZAK, DOSAAN, HAAS, TAKISAWA etc...

Sempre in quegli anni Omap Tools è tra le prime aziende in Italia a produrre moduli rotanti per torni a CNC.

'00

Da questo momento l'azienda, attraverso varie collaborazioni, crea una vasta gamma di motorizzati per le più importanti case produttive come GOODWAY, DMG - MORI SEIKI, OKUMA MAZAK, DOSAAN, HAAS, TAKISAWA ecc..



Nuovo management, ampliamento ufficio tecnico con utilizzo sistemi 3d.

'18

New management, increase technical department with 3D system,

CICLO PRODUTTIVO

La professionalità Omap tools nasce dal momento della ideazione del prodotto fino alla fase esecutiva. Durante l'ideazione e la progettazione dei prodotti, Omap tools si avvale dei più avanzati sistemi di progettazione come CAD3D per poi passare alla fase pre-esecutiva con processo di ingegnerizzazione CAD/CAM. Terminata la fase di elaborazione tecnica viene eseguito un prototipo per analizzare l'effettiva realizzazione.

Compiuto il primo prototipo viene creata una commessa, identificata attraverso un numero sequenziale, sulla quale vengono descritte dettagliatamente tutte le lavorazioni, dall'acquisto del materiale fino al collaudo, necessarie per arrivare al prodotto finale. Durante il ciclo produttivo ciascun articolo viene marcato con il numero della commessa e registrato da un sistema computerizzato.

CONTROLLO QUALITÀ

Tale sistema permette di rintracciare in qualsiasi momento le varie fasi di lavorazione e anche tra 10 anni saremo in grado di sapere come e da chi sono stati eseguiti i nostri prodotti. Per poter garantire al 100% la qualità dei nostri articoli ciascun prodotto viene testato e collaudato attraverso macchine di controllo di alta qualità.

PRODUCTION CICLE

OMAP TOOLS brings professional experience in every phase of production, from product conception through final testing. We use the latest CAD 3D systems for development and design and then CAD-CAM systems for product engineering. Using the technical drawings and engineering phases, OMAP TOOLS manufactures a prototype of every new product for analyzing feasibility in real-time applications.

As soon as the first prototype is approved, a job number is assigned. The job file describes the work process required for manufacturing the final product. It starts with material requirements and supply and continues through the final testing procedures. Each piece is marked with the job number and tracked from start to finish by a computerized system.

QUALITY CONTROL

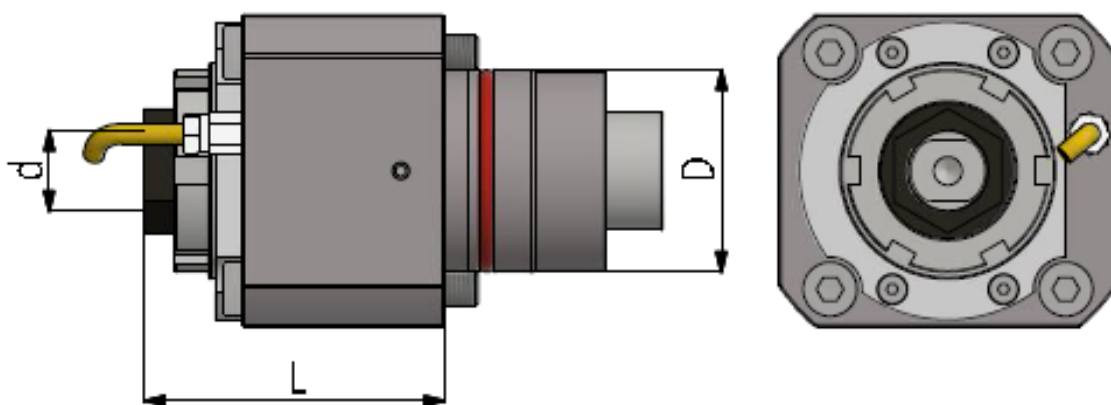
This system registers the various manufacturing phases so that even after 10 years we are able to trace how and by whom any part was produced and any mistakes that might have been made. In order to guarantee 100% reliability each piece is subjected to a rigorous final testing, using high-tech testing equipment.



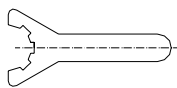
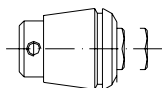
0° DRILLING AND MILLING HEAD
TÊTE DE PERÇAGE - FRAISAGE 0°

0° BOHR - UND FRAESKOPF
UNIDAD PARA FORAR - FRESAR 0°

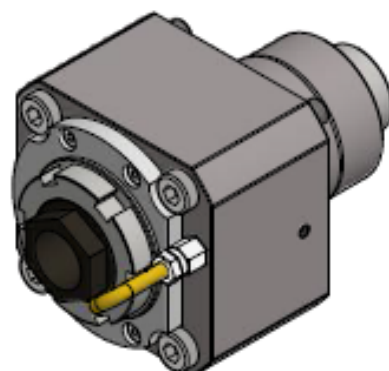
TESTA DI FORATURA - FRESATURA 0° PER PINZE



Cod.	Dh6	Refrigerazione Coolant	d	L	n.Max	n1/n2	Nm	Kg.
HE60TA20	60	Ext.	4-20 ER32	85	6000	1:1	50	5,000
RE60TA20	60	<u>Int. 6 Bar</u>	4-20 ER32	85	6000	1:1	50	5,000



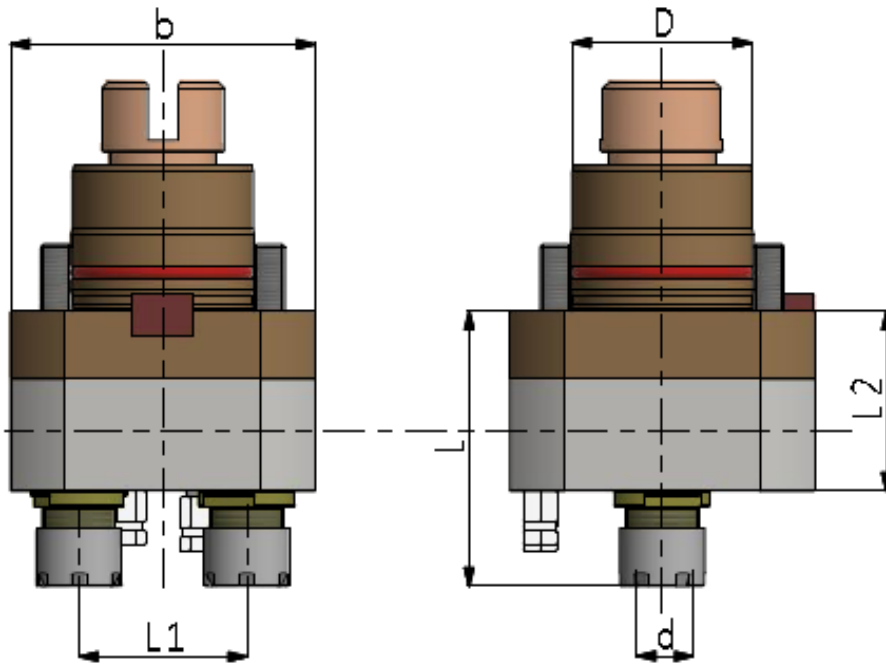
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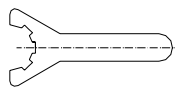
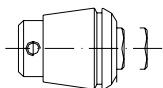
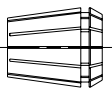
0° DRILLING AND MILLING HEAD - (DOUBLE)
TÊTE DE PERÇAGE - FRAISAGE 0° - (DOUBLE)

0° BOHR-UND FRAESKOPF - (DOPPEL)
UNIDAD PARA FORAR - FRESAR 0° - (DOBLE)

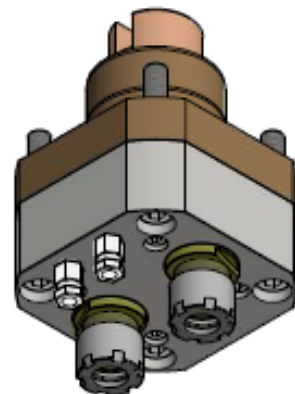
TESTA DI FORATURA - FRESATURA ANGOLARE 0° - DOPPIA



Cod.	Dh6	d	b	b1	L	L1	L2	n.Max	n1/n2	Nm	Kg.
TE60TM13	60	1-13 ER20	100	40	90	55	37	6000	1:1	50	5,200



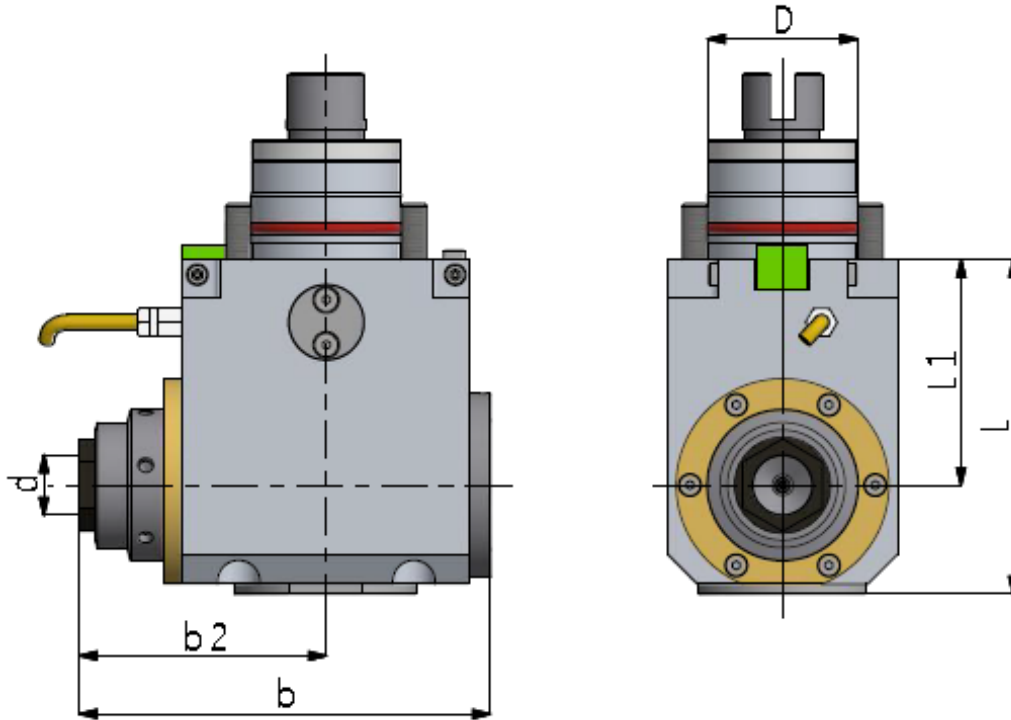
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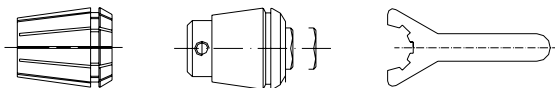
90° DRILLING AND MILLING HEAD
TÊTE DE PERÇAGE - FRAISAGE 90°

90° BOHR -UND FRAESKOPF
UNIDAD PARA FORAR - FRESAR 90°

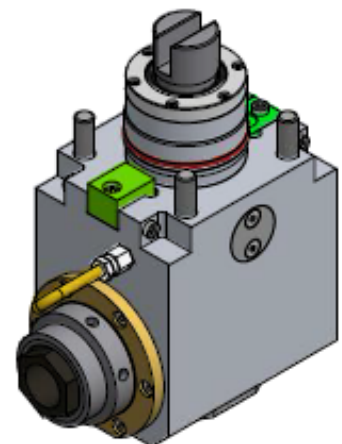
TESTA DI FORATURA - FRESATURA 90° PER PINZE



Cod.	Dh6	Refrigerazione Coolant	d	L	L1	b	b2	n.Max	n1/n2	Nm	Kg.
HE60TB20	60	Ext.	4-20 ER32	135	90	172	95	6000	1:1	50	12,000
RE60TB20	60	<u>Int. 6 Bar</u>	4-20 ER32	135	90	172	95	6000	1:1	50	12,000



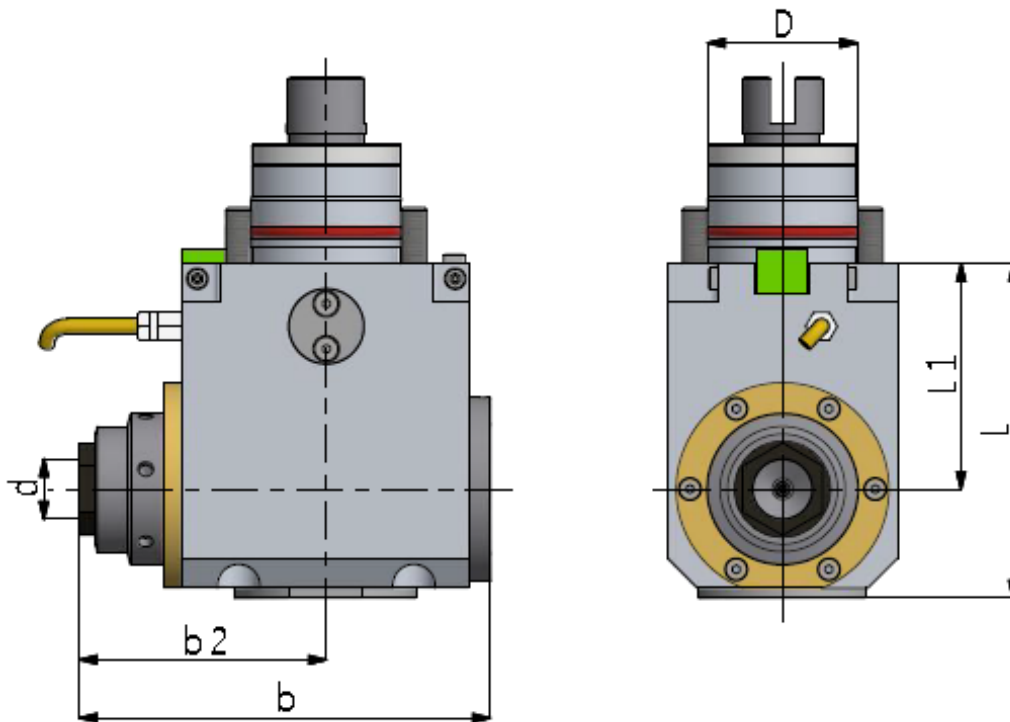
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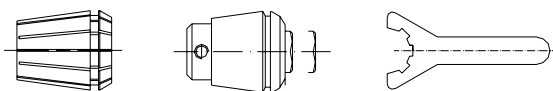
MULTIPLIER 1x3 - 90° DRILLING AND MILLING HEAD
MULTIPLICATEUR 1x3 - TÊTE DE PERÇAGE - FRAISAGE 90°

VERMEHRER 1x3 - 90° BOHR- UND FRAESKOPF
MULTIPLICADOR 1x3 - UNIDAD PARA FORAR/FRESAR 90°

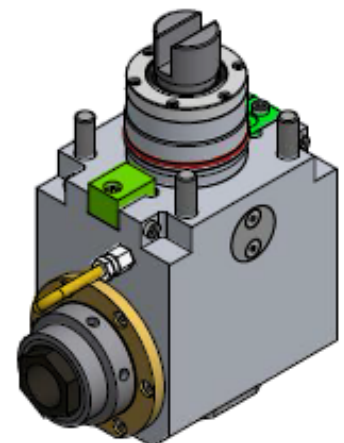
MOLTIPLICATORE DI GIRI 1x3 - TESTA DI FORATURA - FRESATURA (0°)



Cod.	Dh6	d	L	L1	b	b2	n.Max	n1/n2	Nm	Kg.
TE60TBS10	60	1-10 ER16	135	90	160	95	6000	1:3	50	12,000



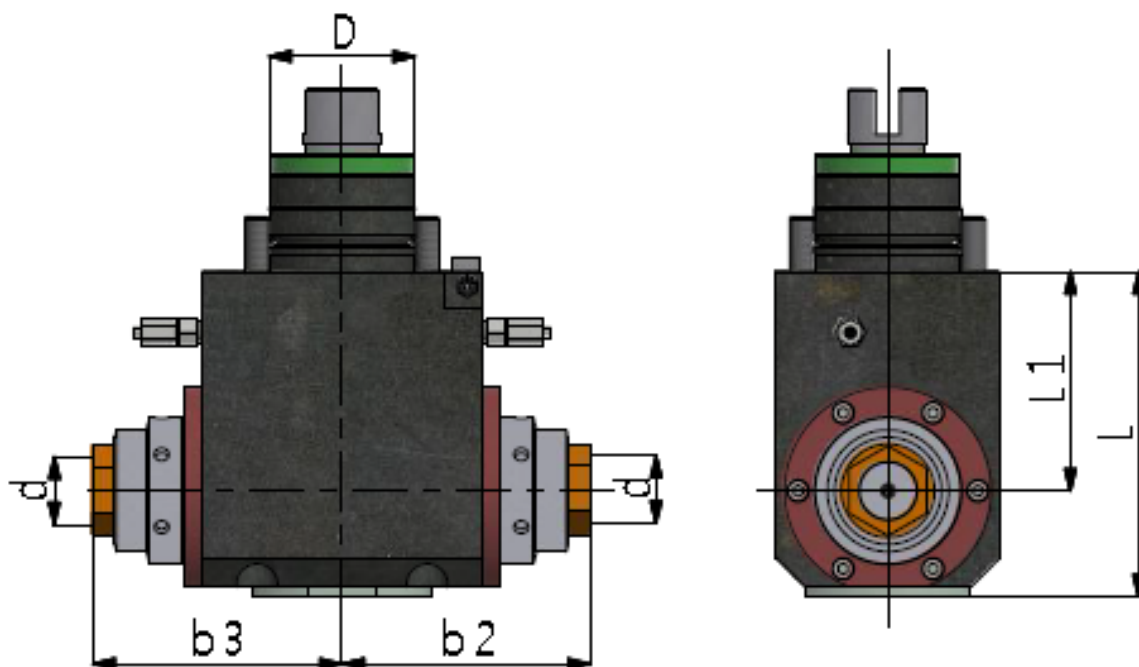
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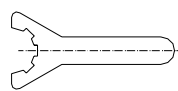
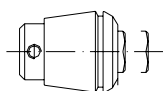
90° DRILLING AND MILLING HEAD - (DOUBLE)
TÊTE DE PERÇAGE - FRAISAGE 90° - (DOUBLE)

90° BOHR -UND FRAESKOPF - (DOPPEL)
UNIDAD PARA FORAR - FRESAR 90° - (DOBLE)

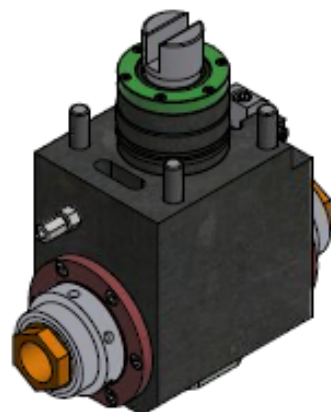
TESTA DI FORATURA - FRESATURA ANGOLARE 90° - DOPPIA



Cod.	Dh6	d	L	L1	b2	b3	n.Max	n1/n2	Nm	Kg.
HE60TL20	60	4-20 ER32	130	90	95	95	6000	1:1	50	13,000



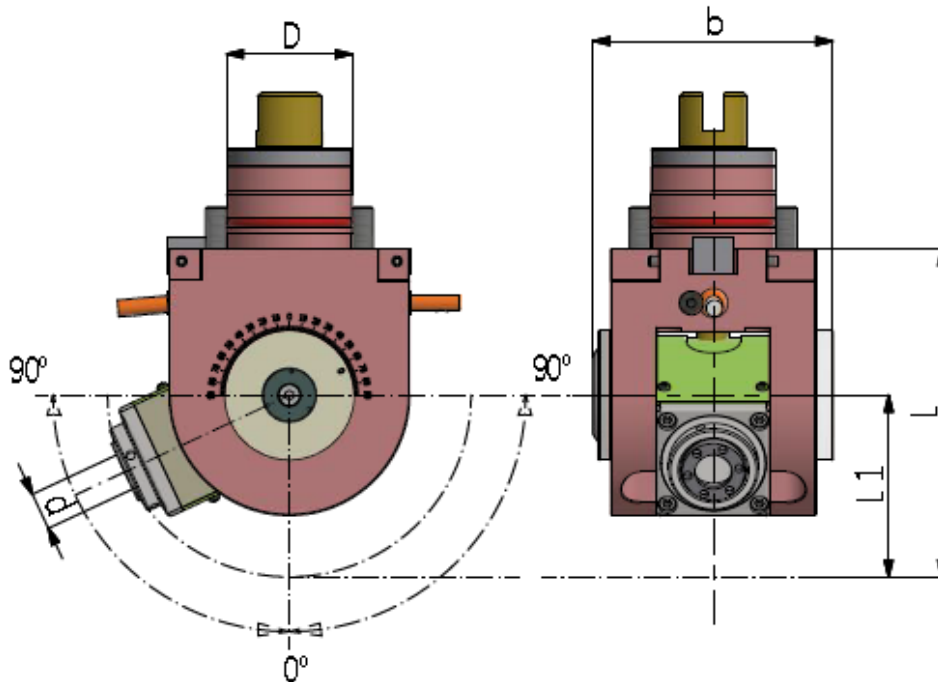
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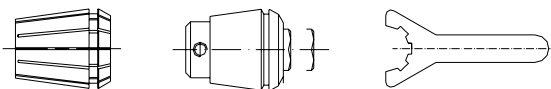
0-90° DRILLING AND MILLING HEAD
TÊTE DE PERÇAGE - FRAISAGE 0-90°

0-90° BOHR -UND FRAESKOPF
UNIDAD PARA FORAR - FRESAR 0-90°

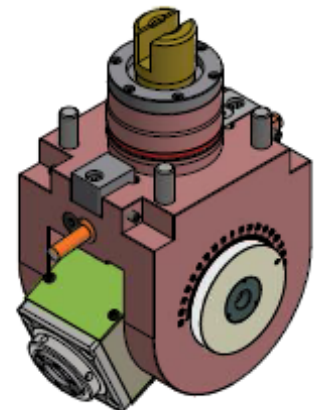
TESTA DIFORATURA - FRESATURA ANGOLARE 0-90°



Cod.	Dh6	d	L	L1	b	b1	n.Max	n1/n2	Nm	Kg.
HE60TE16	60	1-16 ER25	155	85	116	116	6000	1:1	25	9,500
HE60TE26	60	4-26 ER40	183	107	145	116	4500	1:1	50	15,000



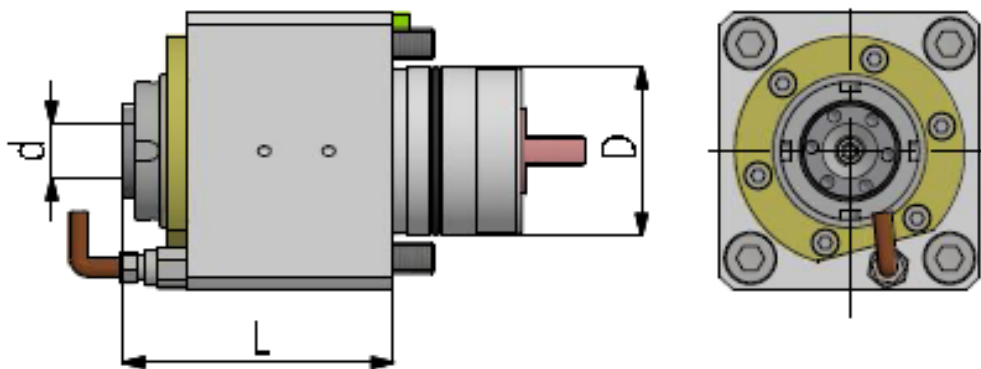
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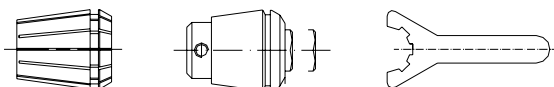
0° DRILLING AND MILLING HEAD
TÊTE DE PERÇAGE - FRAISAGE 0°

0° BOHR -UND FRAESKOPF
UNIDAD PARA FORAR - FRESAR 0°

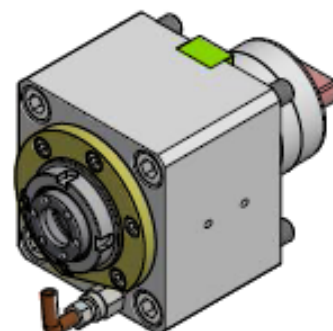
TESTA DIFORATURA - FRESATURA 0° PER PINZE



Cod.	Dh6	Refrigerazione Coolant	d	L	n.Max	n1/n2	Nm	Kg.
HE55TA16	55	Ext.	2-16 ER 25	88	6000	1:1	50	5,000
RE55TA16	55	<u>Int. 6 Bar</u>	2-16 ER 25	88	6000	1:1	50	5,000



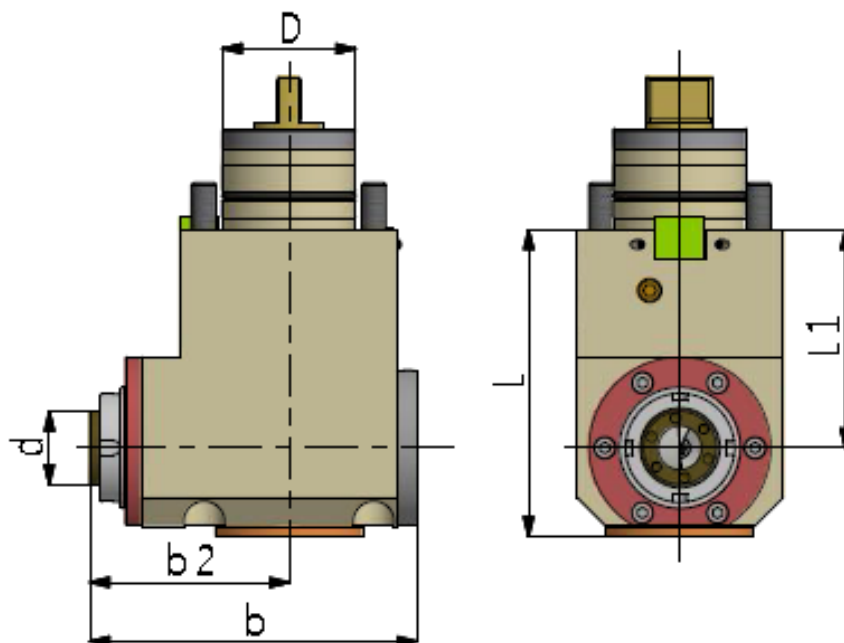
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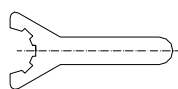
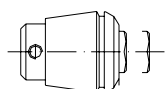
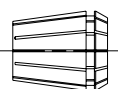
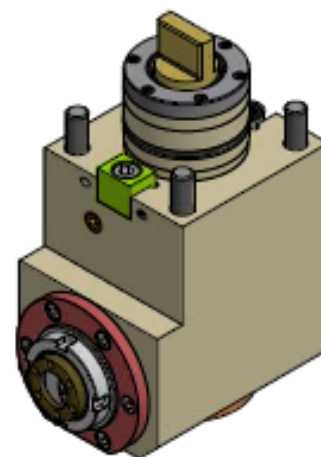
90° DRILLING AND MILLING HEAD
TÊTE DE PERÇAGE - FRAISAGE 90°

90° BOHR -UND FRAESKOPF
UNIDAD PARA FORAR - FRESAR 90°

TESTA DI FORATURA - FRESATURA 90° PER PINZE



Cod.	Dh6	Refrigerazione Coolant	d	L	L1	b	b2	n.Max	n1/n2	Nm	Kg.
HE55TB16	55	Ext.	3-16 ER 25	126,5	90	135	82	6000	1:1	50	8,300
RE55TB16	55	<u>Int. 6 Bar</u>	3-16 ER 25	126,5	90	135	82	6000	1:1	50	8,300

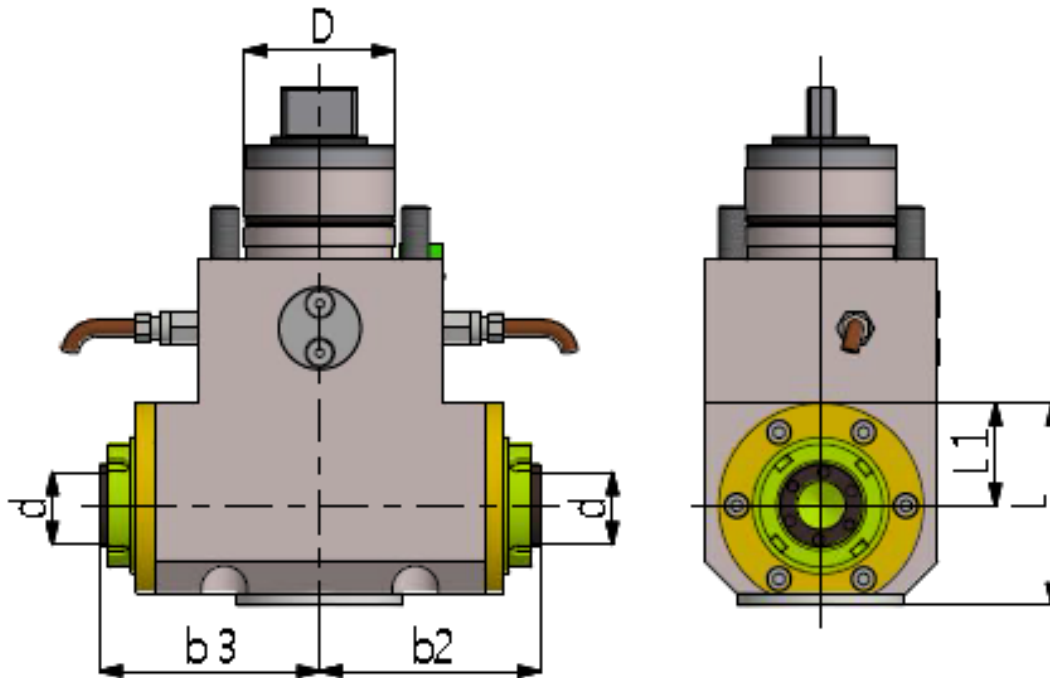


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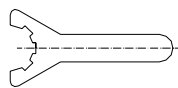
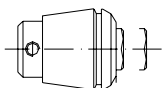
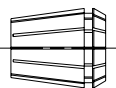
90° DRILLING AND MILLING HEAD - (DOUBLE)
TÊTE DE PERÇAGE - FRAISAGE 90° - (DOUBLE)

90° BOHR -UND FRAESKOPF - (DOPPEL)
UNIDAD PARA FORAR - FRESAR 90° - (DOBLE)

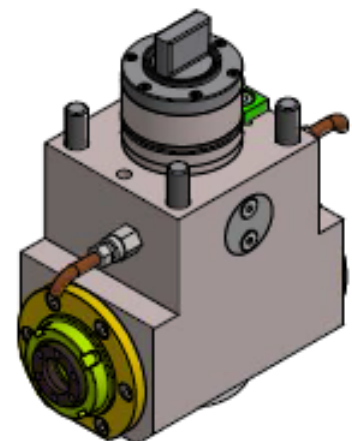
TESTA DI FORATURA - FRESATURA ANGOLARE 90° - DOPPIA



Cod.	Dh6	d	L	L1	b2	b3	n.Max	n1/n2	Nm	Kg.
HE55TL16	55	2-16 ER25	126.5	90	81	81	6000	1:1	50	9,000



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