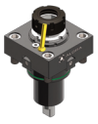
www.algra.it

Toolholder Program

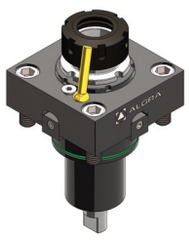
BMT65

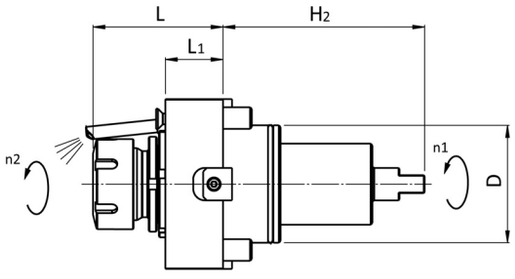
BMT65	Version	Tools Clamping	Center Height	Max. speed	Ratio	External	Internal	Page
	0°	ER32 - DIN6499		6000rpm	i=1:1	RAPPS 32 121UT65	RAPPS 32 131UT65	4
		ER20 - DIN6499		24000rpm	i=1:4	RAPPS 20 122UT65		5
		ER20 - DIN6499		12000rpm	i=1:2	RAPPD 20 1222UT65		5
	90°	ER32 - DIN6499	72mm	6000rpm	i=1:1	RRPPS 32 121UT65	RRPPS 32 131UT65	6
		ER32 - DIN6499	100mm	6000rpm	i=1:1	RRPPS 32 321UT65	RRPPS 32 331UT65	6
		ER20 - DIN6499	72mm	24000rpm	i=1:4	RRPPS 20 122UT65		7
		ER20 - DIN6499	72mm	12000rpm	i=1:2	RRPPS 20 1222UT65		7
		Ø22mm - DIN6358	72mm	6000rpm	i=1:1	RRPFS 22 121UT65		7
		Ø22mm - DIN6358	100mm	6000rpm	i=1:1	RRPFS 22 321UT65		7
	90° Double	ER32 - DIN6499	72mm	6000rpm	i=1:1	RRPPT 32 121UT65		8
		ER32 - DIN6499	100mm	6000rpm	i=1:1	RRPPT 32 321UT65		8
	±90°	ER25 - DIN6499		6000rpm	i=1:1	ROPPS 25 121UT65	ROPPS 25 131UT65	9

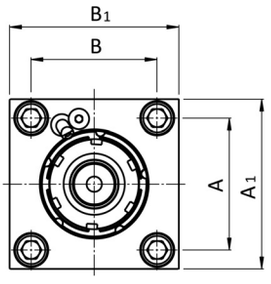
ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

BMT65	Version	Tools Clamping	Center Height	Coolant	ALGRA Part No.	Page
	O.D. cutting holder	☐ 25mm	H:80mm	External	E10/U 25 T65X80	10
		☐ 1”	H:80mm	External	E10/U 1” T65X80	10
	O.D. double holder	☐ 25mm	H:80mm	External	E10/UD 25 T65X80	10
		☐ 1”	H:80mm	External	E10/UD 1” T65X80	10
	O.D. Y-axis double toolholders for both spindle	☐ 20mm	H:75mm	External	E10/UQ 20 T65X75	11
	Face and I.D. cutting holder	☐ 25mm	H:70mm	External	E10/UA 25 T65X70	11
		☐ 1”	H:70mm	External	E10/UA 1” T65X70	11
	Blade Holder	▯ 32mm	H:80mm	External	E10/TT 32 T65X80	12
	Boring Bar holder	Ø 40mm	H:72mm	Int/Ext	E10/B 40 T65X72	12
		Ø 50mm	H:72mm	Int/Ext	E10/B 50 T65X72	12
		Ø 1.5”	H:72mm	Int/Ext	E10/B 1.5” T65X72	12
		Ø 2”	H:72mm	Int/Ext	E10/B 2” T65X72	12
		Ø 40mm	H:100mm	Int/Ext	E10/B 40 T65X100	12
		Ø 1.5”	H:100mm	Int/Ext	E10/B 1.5” T65X100	12
		Ø 40mm	H:115mm	Int/Ext	E10/B 40 T65X115	12
		Ø 1.5”	H:115mm	Int/Ext	E10/B 1.5” T65X115	12

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**



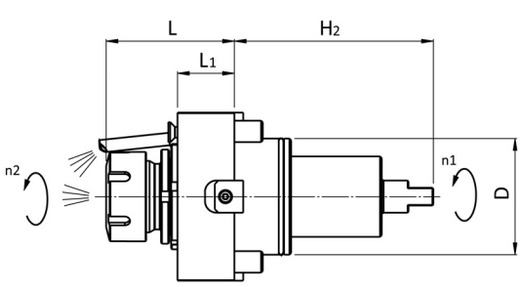


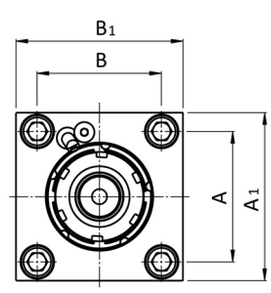


1/BMT65

0° | DIN 6499 | +1 (1:1) | EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RAPPS 32 121UT65	**65**	**32**			112	68,5÷72,2	32		73	70	94	94			70	6000	10

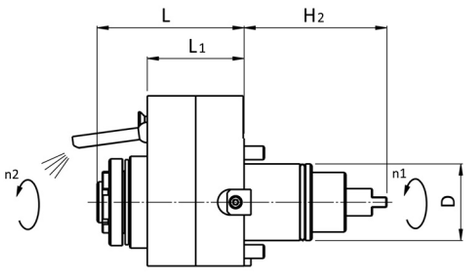


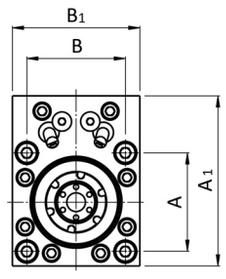


2/BMT65

0° | DIN 6499 | +1 (1:1) | INT./EXT. | 80 bar | Filtration 30µm

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RAPPS 32 131UT65	**65**	**32**			112	68,5÷72,2	32		73	70	94	94			70	6000	10





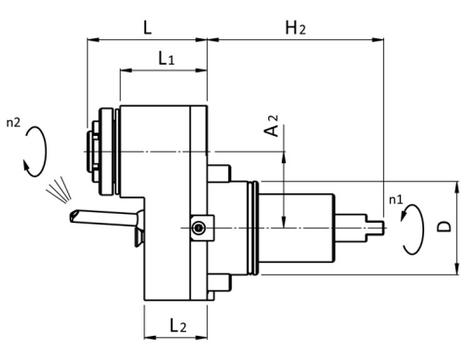
3/BMT65

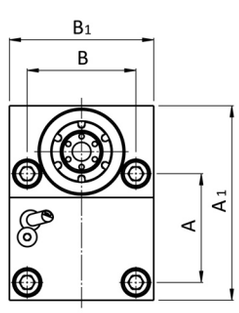
0° | DIN 6499 | +4 (1:4)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RAPPS 20 122UT65	**65**	**20**			112	122,5÷126,2	96		70	73	120	94			20	24000	8

5



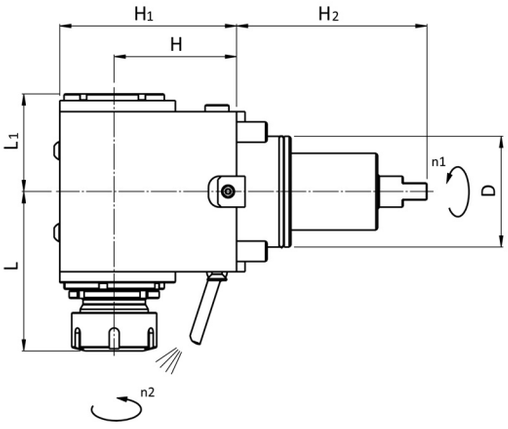


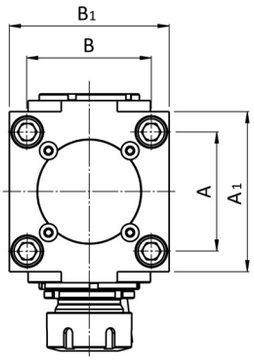
4/BMT65

0° | DIN 6499 | -2 (1:2)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RAPPD 20 1222UT65	**65**	**20**			112	101,3÷105	71	52	70	73	122	94	45		35	12000	8

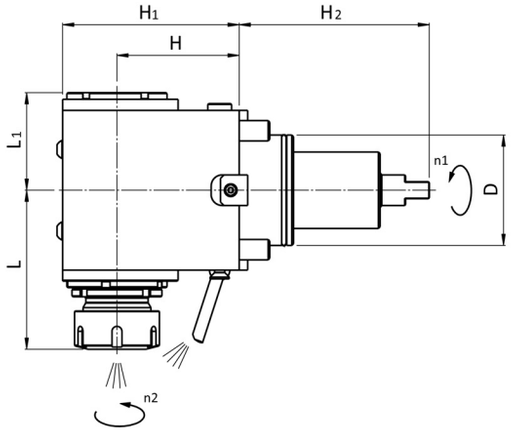


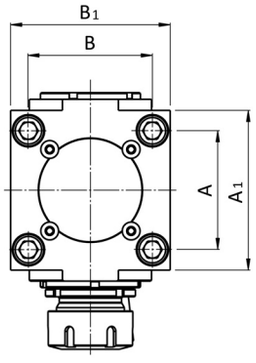


5/BMT65

90° | DIN 6499 | -1 (1:1) | EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RRPPS 32 121UT65	**65**	**32**	72	104	112	89,9÷93,6	57,4		70	73	94	94			70	6000	10
RRPPS 32 321UT65	**65**	**32**	100	132	112	89,9÷93,6	57,4		70	73	94	94			70	6000	10



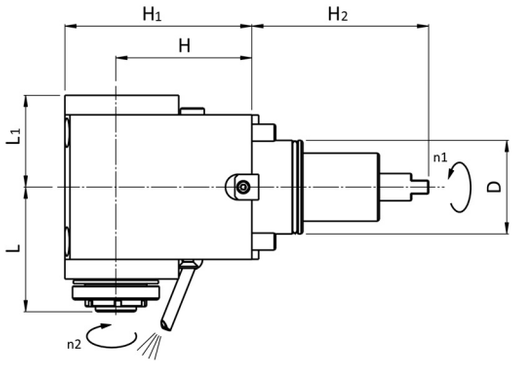


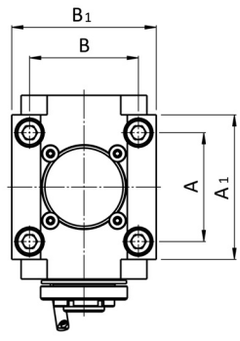
6/BMT65

90° | DIN 6499 | -1 (1:1) | INT./EXT. | 80 bar | Filtration 30µm

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RRPPS 32 131UT65	**65**	**32**	72	104	112	89,9÷93,6	63,4		70	73	94	94			70	6000	10
RRPPS 32 331UT65	**65**	**32**	100	132	112	89,9÷93,6	63,4		70	73	94	94			70	6000	10

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**





7/BMT65

90° | DIN 6499 | +4 (1:4)

EXTERNAL

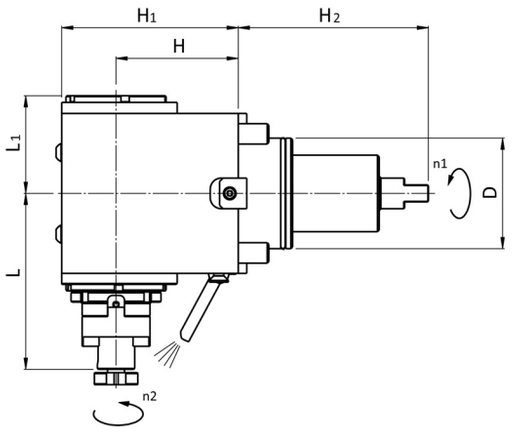
Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RRPPS 20 122UT65	**65**	**20**	72	112	112	89,9÷93,6	57,4		70	73	94	94			20	24000	8

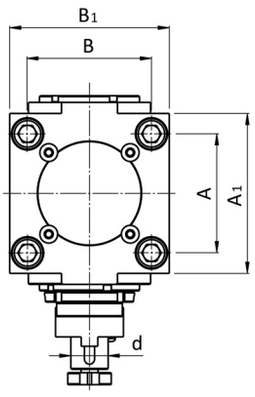
7/BMT65

90° | DIN 6499 | +2 (1:2)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RRPPS 20 1222UT65	**65**	**20**	72	104	112	89,9÷93,6	57,4		70	73	94	94			35	12000	8





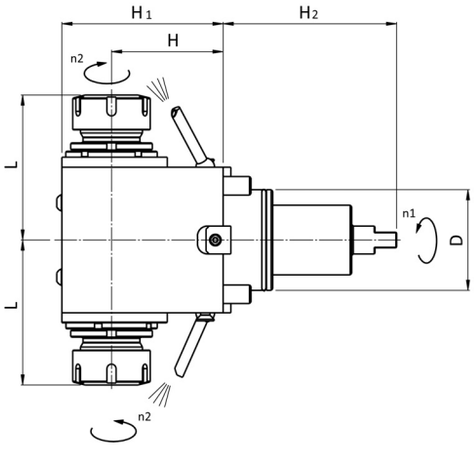
8/BMT65

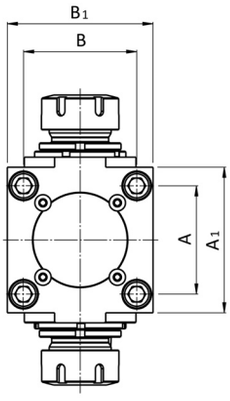
90° | DIN 6358 | -1 (1:1)

EXTERNAL

Codice code - code - Bestell Nr.	D	d	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 1	P kW
RRPFS 22 121UT65	**65**	**Ø22**	72	104	112	103,5	57,4		70	73	94	94			70	6000	10
RRPFS 22 321UT65	**65**	**Ø22**	100	132	112	103,5	57,4		70	73	94	94			70	6000	10

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**





9/BMT65

90°

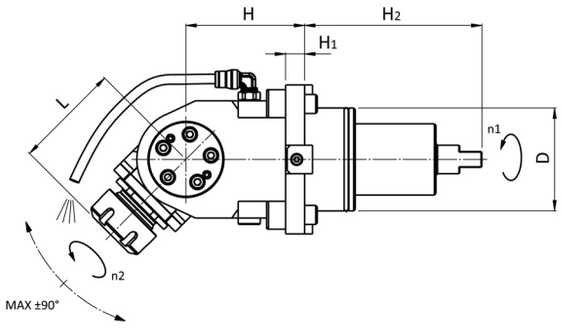
DIN 6499

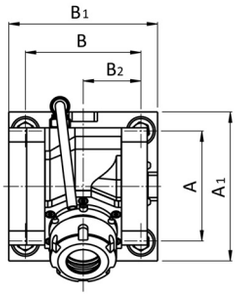
±1 (1:1)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
RRPPT 32 121UT65	**65**	**32**	72	104	112	93÷93,6			70	73	94	94			70	6000	10
RRPPT 32 321UT65	**65**	**32**	100	132	112	93÷93,6			70	73	94	94			70	6000	10

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

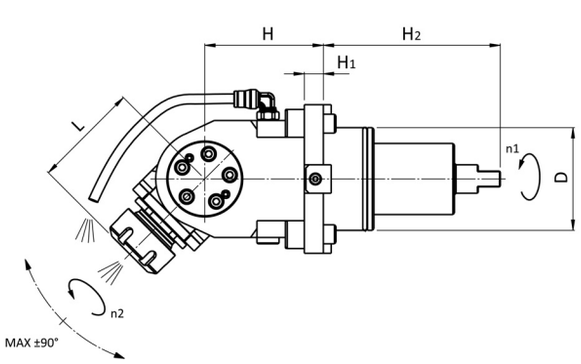


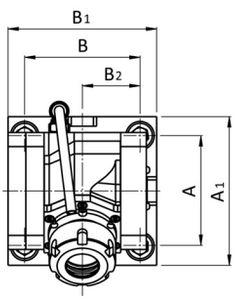


10/BMT65

±90° | DIN 6499 | +1 (1:1) | EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
ROPPS 25 121UT65	**65**	**25**	75	12	112	63,5÷67,2			70	73	94	94		36,5	25	6000	4



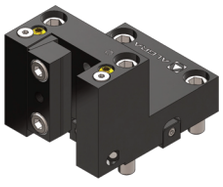


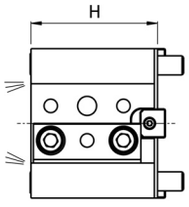
11/BMT65

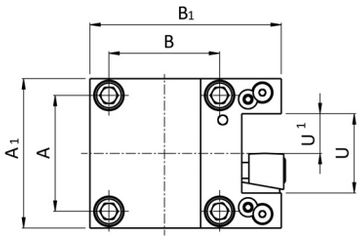
±90° | DIN 6499 | +1 (1:1) | INT./EXT. | 80 bar | Filtration 30µm

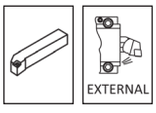
Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M_2 Nm	n_2 min-1	P kW
ROPPS 25 131UT65	**65**	**25**	75	12	112	63,5÷67,2			70	73	94	94		36,5	25	6000	4

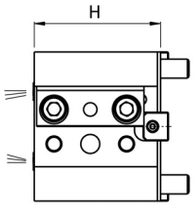
ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

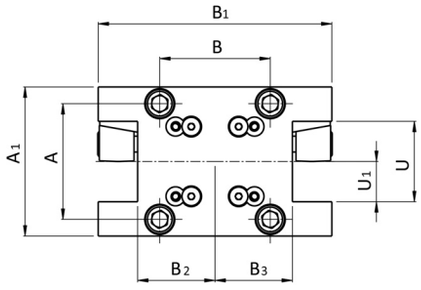


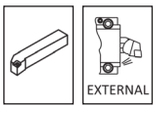




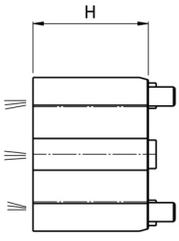
101/BMT65	Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
	**E10/U 25 T65X80**	50	**25**		80				73	70	94	121			
	E10/U 1" T65X80	2"	**1"**		80				73	70	94	121			

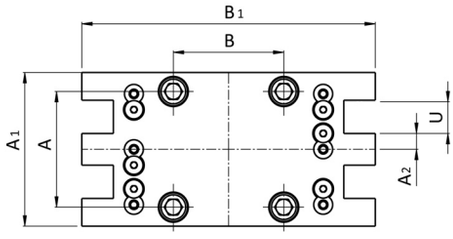




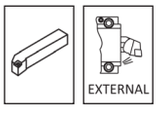
102/BMT65	Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
	**E10/UD 25 T65X80**	50	**25**		80				73	70	94	148		49	49
	E10/UD 1" T65X80	2"	**1"**		80				73	70	94	148		49	49

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

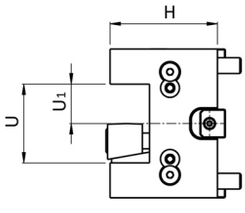


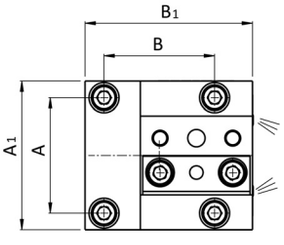


103/BMT65

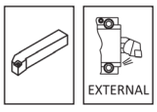


Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/UQ 20 T65X75	**20**			75				73	70	97	186	10		



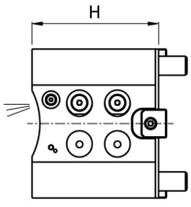


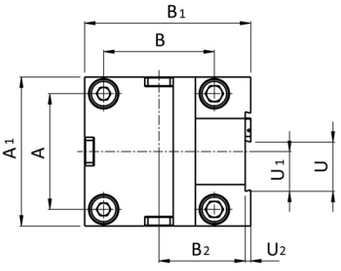
104/BMT65



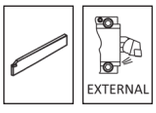
Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/UA 25 T65X70	50	**25**		70				73	70	94	106			
E10/UA 1" T65X70	2"	**1"**		70				73	70	94	106			

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

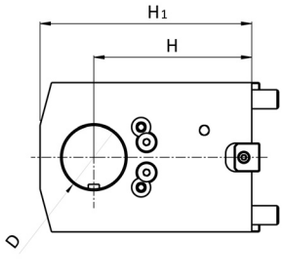


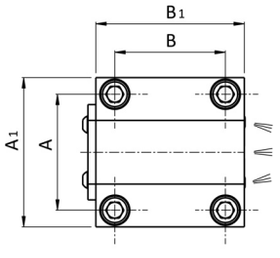


105/BMT65

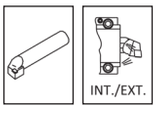


Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/TT 32 T65X80	**32**	25	2,36	80				73	70	94	105		54,5	





106/BMT65



Codice code - code - Bestell Nr.	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/B 40 T65X72	Ø 40			72	106			73	70	94	94			
E10/B 50 T65X72	Ø 50			72	106			73	70	94	94			
E10/B 1.5" T65X72	Ø 1.5"			72	106			73	70	94	94			
E10/B 2" T65X72	Ø 2"			72	106			73	70	94	94			
E10/B 40 T65X100	Ø 40			100	134			73	70	94	94			
E10/B 1.5" T65X100	Ø 1.5"			100	134			73	70	94	94			
E10/B 40 T65X115	Ø 40			115	150			73	70	94	94			
E10/B 1.5" T65X115	Ø 1.5"			115	150			73	70	94	94			

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

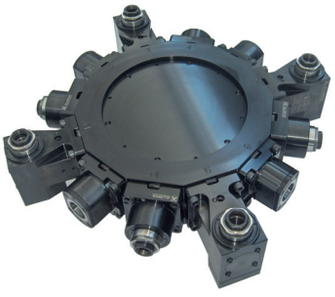
La produzione: il lavoro
Production: work

La produzione viene sviluppata nella moderna struttura a temperatura controllata di Almenno San Salvatore, mentre negli stabilimenti di Brembilla (I-Bergamo) vengono effettuate le lavorazioni di montaggio ed assemblaggio di gruppi completi. La superficie coperta delle strutture è di mq. 15.000, dei quali mq. 1.000 sono adibiti agli uffici amministrativi, commerciali e tecnici. L'attività produttiva si svolge con l'utilizzo di impianti e macchinari CNC costantemente aggiornati alle nuove tecnologie ed in grado di sviluppare le seguenti lavorazioni:

- Asportazione di truciolo
- Elettroerosione
- Tornitura orizzontale e verticale
- Fresatura universale 5 assi
- Fresatura/tornitura
- Lappatura per fori e piani
- Rettifica in tondo interno ed esterno
- Rettifica in tangenziale oltre al montaggio di gruppi e sottogruppi completi.

The production is developed in the modern, temperature controlled facility in Almenno San Salvatore, with Brembilla factories there are the assembly operations and the assembly of complete groups. The facilities covered area is of 15,000 sqm., 1,000 sqm. of which are used for the administrative commercial and technical offices. The production cycle takes place with the use of CNC fixtures and equipment constantly updated with new technologies and able to develop the following machining:

- *Chip machining*
- *Electroerosion*
- *Horizontal and vertical turning*
- *5-axis universal milling*
- *Milling/turning*
- *Lapping for holes and plane surfaces*
- *Cylindrical internal and external grinding*
- *Tangential grinding in addition to the assembly of complete groups and subassemblies.*



Certificazioni: uno standard qualitativo
Certification: a quality standard

La tecnologia avanzata svolge un ruolo chiave nell'obiettivo di incrementare il proprio valore, quello dei propri prodotti, dei servizi e della capacità del personale, operando nel rispetto delle norme UNI EN ISO 9001:2008 e ISO 14001:2004. L'alto livello di sensibilità verso il rispetto delle regole di sicurezza e dell'ambiente è presente ed immediatamente percepito in tutte le strutture aziendali.

Advanced technology plays a key role aiming to increase its value and the products, services and staff capacity value, operating in compliance with UNI EN ISO 9001:2008 and ISO 14001:2004.
The high level of sensitivity towards the observance of safety rules and the environment is present and perceived immediately in all facilities.

UNI EN ISO 9001:2008 - Cert. n° 0141

UNI EN ISO 14001:2004 - Cert. n° 0270A

ALGRA S.p.A. - tooling division
Via Manzoni 41 - I 24031 Almenno S. Salvatore (BG) - Tel. +39 035642051 - Fax +39 035640128 - algra.accessori@algra.it - **www.algra.it**

Distributors - Precision mechanics | Algra:

ALGRA S.p.A. Divisione accessori
Via Manzoni, 41 24031 Almenno S. Salvatore (BG)
Tel. +39 035.64.20.51
algra.accessori@algra.it - www.algra.it

C-BMT65-17