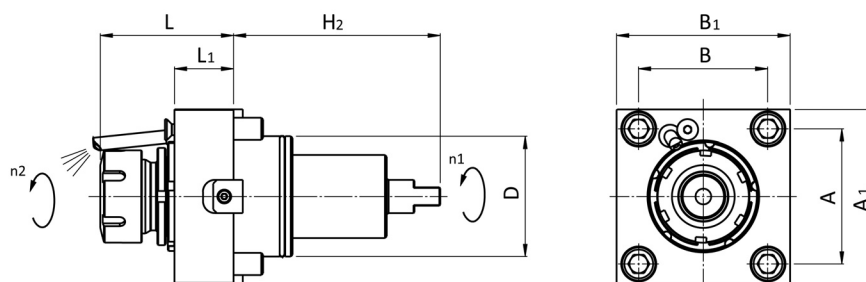
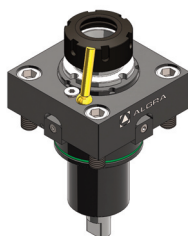


# BMT75



| BMT75                                                                              | Version    | Tools<br>Clamping | Center<br>Height | Max.<br>speed | Ratio | External         | Internal         | Page |
|------------------------------------------------------------------------------------|------------|-------------------|------------------|---------------|-------|------------------|------------------|------|
|   | 0°         | ER40 - DIN6499    |                  | 6000rpm       | i=1:1 | RAPPS 40 121UT75 | RAPPS 40 131UT75 | 4    |
|   | 90°        | ER40 - DIN6499    | 60mm             | 6000rpm       | i=1:1 | RRPPS 40 121UT75 | RRPPS 40 131UT75 | 5    |
|                                                                                    |            | ER40 - DIN6499    | 90mm             | 6000rpm       | i=1:1 | RRPPS 40 321UT75 | RRPPS 40 331UT75 | 5    |
|                                                                                    |            | ER40 - DIN6499    | 110mm            | 6000rpm       | i=1:1 | RRPPS 40 421UT75 | RRPPS 40 431UT75 | 5    |
|                                                                                    |            | Ø27mm - DIN6358   | 60mm             | 6000rpm       | i=1:1 | RRPFS 27 121UT75 |                  | 6    |
|                                                                                    |            | Ø27mm - DIN6358   | 90mm             | 6000rpm       | i=1:1 | RRPFS 27 321UT75 |                  | 6    |
|                                                                                    |            | Ø27mm - DIN6358   | 110mm            | 6000rpm       | i=1:1 | RRPFS 27 421UT75 |                  | 6    |
|   | 90° double | ER40 - DIN6499    | 60mm             | 6000rpm       | i=1:1 | RRPPT 40 121UT75 |                  | 6    |
|                                                                                    |            | ER40 - DIN6499    | 90mm             | 6000rpm       | i=1:1 | RRPPT 40 321UT75 |                  | 6    |
|                                                                                    |            | ER40 - DIN6499    | 110mm            | 6000rpm       | i=1:1 | RRPPT 40 421UT75 |                  | 6    |
|  | ±90°       | ER25 - DIN6499    |                  | 6000rpm       | i=1:1 | ROPFS 25 121UT75 | ROPFS 25 131UT75 | 7    |

| BMT75                                                                              | Version                      | Tools Clamping | Center Height | Coolant  | ALGRA Part No.      | Page |
|------------------------------------------------------------------------------------|------------------------------|----------------|---------------|----------|---------------------|------|
|   | O.D. cutting holder          | □ 32mm         | H:85mm        | External | E10/U 32 T75X85     | 8    |
|                                                                                    |                              | □ 1.25"        | H:85mm        | External | E10/U 1.25" T75X85  | 8    |
|   | O.D. double holder           | □ 32mm         | H:85mm        | External | E10/UD 32 T75X85    | 8    |
|                                                                                    |                              | □ 1.25"        | H:85mm        | External | E10/UD 1.25" T75X85 | 8    |
|   | Face and I.D. cutting holder | □ 32mm         | H:70mm        | External | E10/UA 32 T75X70    | 9    |
|                                                                                    |                              | □ 1.25"        | H:70mm        | External | E10/UA 1.25" T75X70 | 9    |
|  | Boring Bar holder            | Ø 50mm         | H:60mm        | Int/Ext  | E10/B 50 T75X60     | 9    |
|                                                                                    |                              | Ø 60mm         | H:60mm        | Int/Ext  | E10/B 60 T75X60     | 9    |
|                                                                                    |                              | Ø 2"           | H:60mm        | Int/Ext  | E10/B 2" T75X60     | 9    |
|                                                                                    |                              | Ø 2.5"         | H:60mm        | Int/Ext  | E10/B 2.5" T75X60   | 9    |
|                                                                                    |                              | Ø 50mm         | H:110mm       | Int/Ext  | E10/B 50 T75X110    | 9    |
|                                                                                    |                              | Ø 60mm         | H:110mm       | Int/Ext  | E10/B 60 T75X110    | 9    |
|                                                                                    |                              | Ø 2"           | H:110mm       | Int/Ext  | E10/B 2" T75X110    | 9    |
|                                                                                    |                              | Ø 2.5"         | H:110mm       | Int/Ext  | E10/B 2.5" T75X110  | 9    |



1/BMT75

| Codice<br>code - code - Bestell Nr. | D  | ER | H | H1 | H2  | L<br>(min-max) | L1   | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |
|-------------------------------------|----|----|---|----|-----|----------------|------|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|
| RAPPS 40 121UT75                    | 75 | 40 |   |    | 110 | 86,5÷90,2      | 52,6 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                    | 12      |

0°



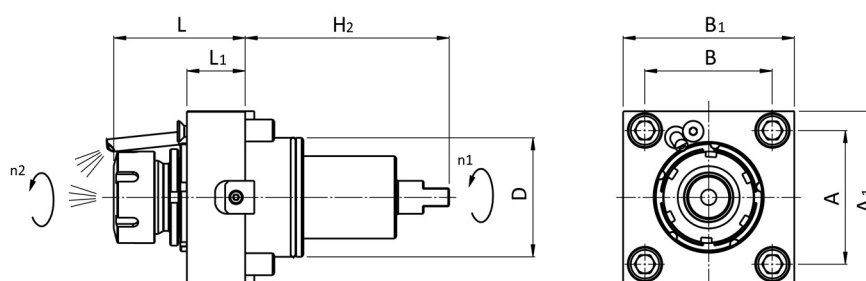
DIN 6499



+1 (1:1)



EXTERNAL



2/BMT75

| Codice<br>code - code - Bestell Nr. | D  | ER | H | H1 | H2  | L<br>(min-max) | L1   | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |
|-------------------------------------|----|----|---|----|-----|----------------|------|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|
| RAPPS 40 131UT75                    | 75 | 40 |   |    | 110 | 86,5÷90,2      | 52,6 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                    | 12      |

0°



DIN 6499



+1 (1:1)



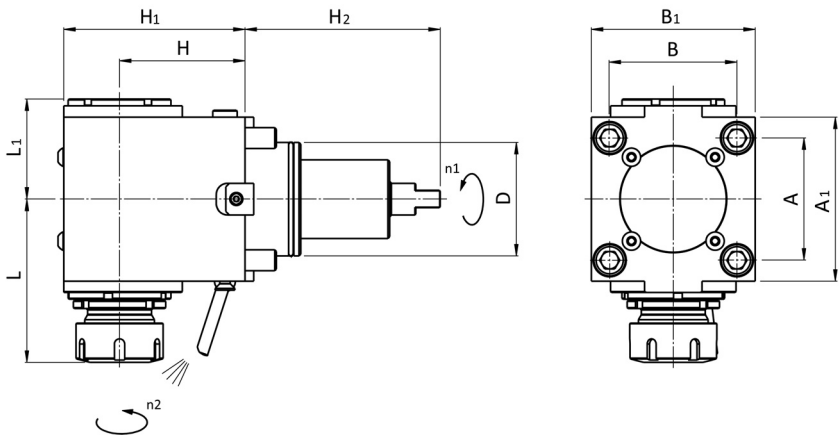
INT./EXT.



80 bar


Filtration  
30µm

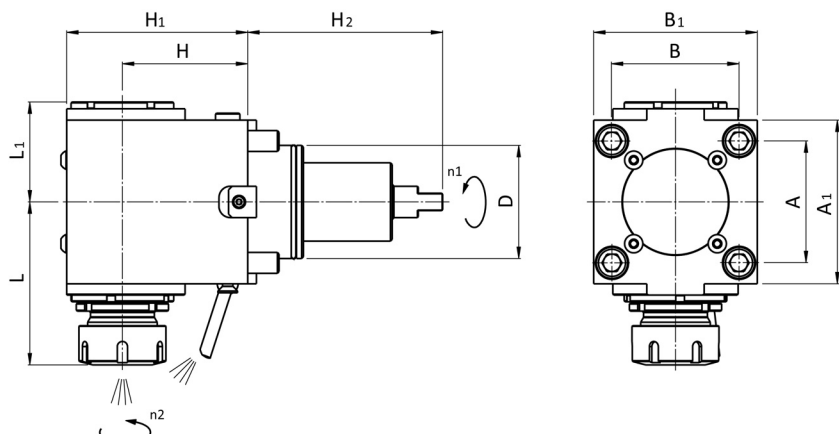




| 3/BMT75        |                                                                                   |                                                                                   | Codice<br>code - code - Bestell Nr. | D  | ER | H   | H1  | H2  | L<br>(min-max) | L1   | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |    |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|----|----|-----|-----|-----|----------------|------|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|----|
| <div>90°</div> |  |  | RRPPS 40 121UT75                    | 75 | 40 | 60  | 107 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                    | 12      |    |
|                |                                                                                   |                                                                                   | RRPPS 40 321UT75                    | 75 | 40 | 90  | 137 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    |                      | 100                     | 6000    | 12 |
|                |                                                                                   |                                                                                   | RRPPS 40 421UT75                    | 75 | 40 | 110 | 157 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    |                      | 100                     | 6000    | 12 |

  
EXTERNAL



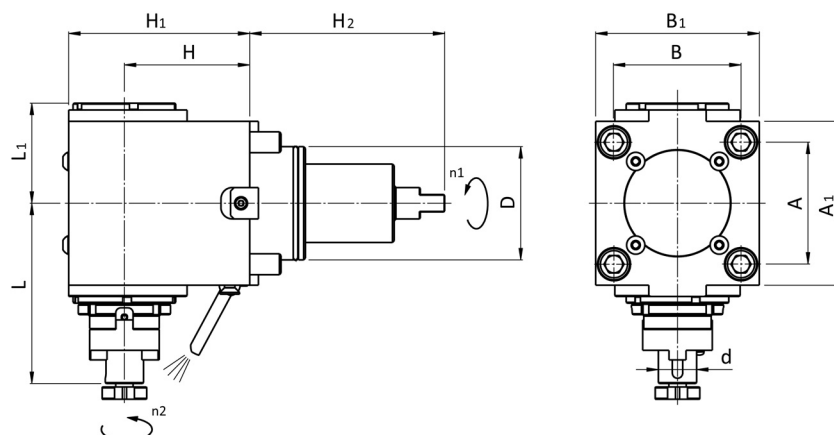


| 4/BMT75        |                                                                                     |                                                                                     | Codice<br>code - code - Bestell Nr. | D  | ER | H   | H1  | H2  | L<br>(min-max) | L1   | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |    |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------|----|----|-----|-----|-----|----------------|------|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|----|
| <div>90°</div> |  |  | RRPPS 40 131UT75                    | 75 | 40 | 60  | 107 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                    | 12      |    |
|                |                                                                                     |                                                                                     | RRPPS 40 331UT75                    | 75 | 40 | 90  | 137 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    |                      | 100                     | 6000    | 12 |
|                |                                                                                     |                                                                                     | RRPPS 40 431UT75                    | 75 | 40 | 110 | 157 | 110 | 108,3÷112,1    | 74,1 |    | 90 | 90 | 112 | 112 |    |    |                      | 100                     | 6000    | 12 |

  
INT./EXT.

  
80 bar

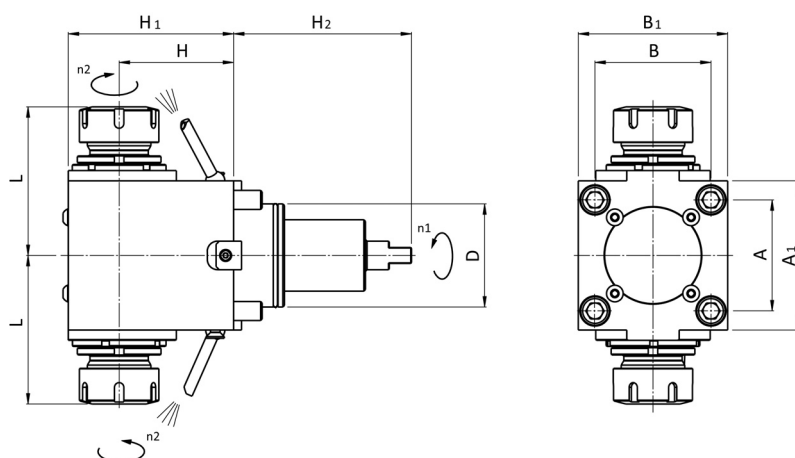
  
Filtration 30µm



5/BMT75

| Codice<br>code - code - Bestell Nr. | D  | d   | H   | H1  | H2  | L   | L1   | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>1 | P<br>kW |
|-------------------------------------|----|-----|-----|-----|-----|-----|------|----|----|----|-----|-----|----|----|----------------------|---------------------|---------|
| RRPFS 27 121UT75                    | 75 | Ø27 | 60  | 107 | 110 | 120 | 74,1 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                | 12      |
| RRPFS 27 321UT75                    | 75 | Ø27 | 90  | 137 | 110 | 120 | 74,1 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                | 12      |
| RRPFS 27 421UT75                    | 75 | Ø27 | 110 | 157 | 110 | 120 | 74,1 |    | 90 | 90 | 112 | 112 |    |    | 100                  | 6000                | 12      |

90°

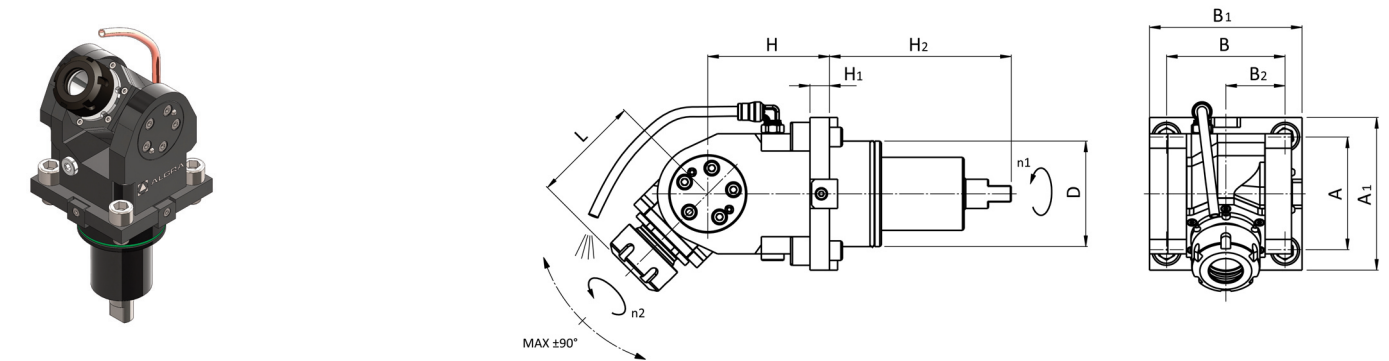


6/BMT75

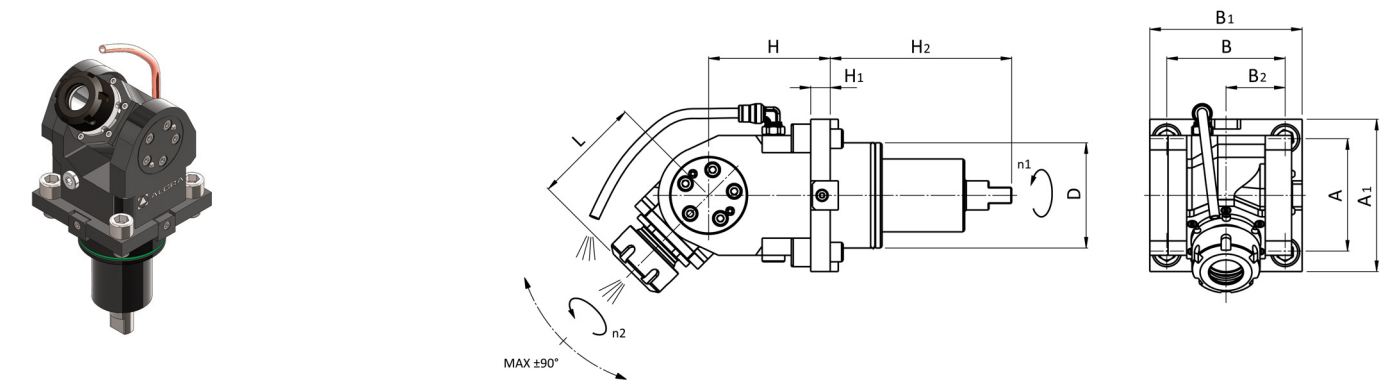
| Codice<br>code - code - Bestell Nr. | D  | ER | H   | H1  | H2  | L<br>(min-max) | L1 | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |
|-------------------------------------|----|----|-----|-----|-----|----------------|----|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|
| RRPPT 40 121UT75                    | 75 | 40 | 60  | 107 | 110 | 108,4÷112,1    |    |    | 90 | 90 | 132 | 112 |    |    | 100                  | 6000                    | 12      |
| RRPPT 40 321UT75                    | 75 | 40 | 90  | 137 | 110 | 108,4÷112,1    |    |    | 90 | 90 | 132 | 112 |    |    | 100                  | 6000                    | 12      |
| RRPPT 40 421UT75                    | 75 | 40 | 110 | 157 | 110 | 108,4÷112,1    |    |    | 90 | 90 | 132 | 112 |    |    | 100                  | 6000                    | 12      |

90°

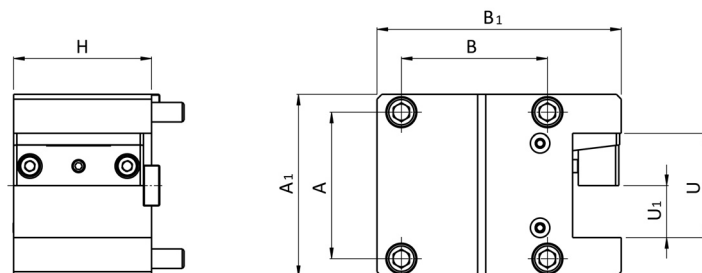




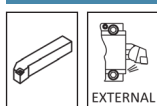
| 7/BMT75                                                                                                                                                                                                                                                                                                                                     |  |  | Codice<br>code - code - Bestell Nr. |  | D  | ER | H  | H1 | H2  | L<br>(min-max) | L1 | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------|--|----|----|----|----|-----|----------------|----|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|
| <div><div>±90°</div><div> DIN 6499</div><div> +1 (1:1)</div></div> <div> EXTERNAL</div> |  |  | ROPPS 25 121UT75                    |  | 75 | 25 | 75 | 12 | 110 | 63,5÷67,2      |    |    | 90 | 90 | 105 | 105 |    | 45 | 25                   | 6000                    | 4       |



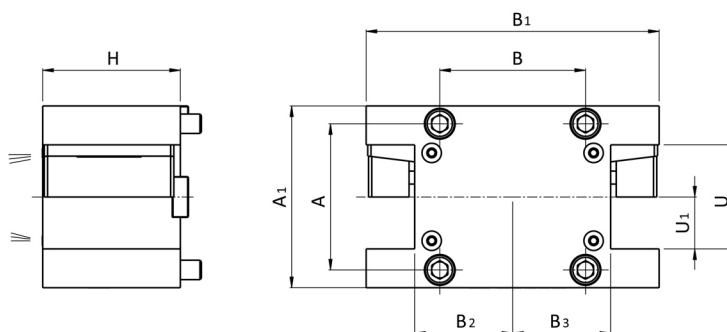
| 8/BMT75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  | Codice<br>code - code - Bestell Nr. |  | D  | ER | H  | H1 | H2  | L<br>(min-max) | L1 | L2 | A  | B  | A1  | B1  | A2 | B2 | M <sub>2</sub><br>Nm | n <sub>2</sub><br>min-1 | P<br>kW |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------|--|----|----|----|----|-----|----------------|----|----|----|----|-----|-----|----|----|----------------------|-------------------------|---------|
| <div><div>±90°</div><div> DIN 6499</div><div> +1 (1:1)</div></div> <div> INT./EXT.</div> <div> 80 bar</div> <div> Filtration 30µm</div> |  |  | ROPPS 25 131UT75                    |  | 75 | 25 | 75 | 12 | 110 | 63,5÷67,2      |    |    | 90 | 90 | 105 | 105 |    | 45 | 25                   | 6000                    | 4       |



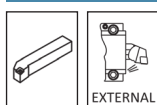
## 101/BMT75



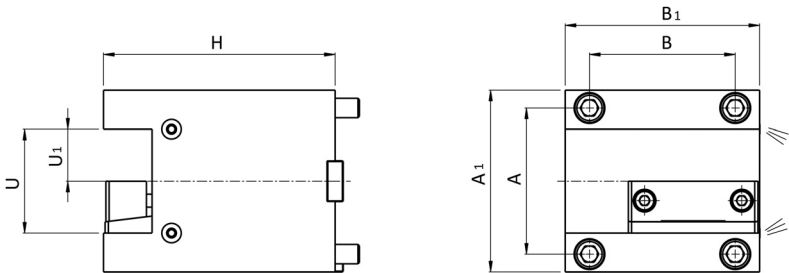
| Codice<br>code - code - Bestell Nr. | U    | U1    | U2 | H  | H1 | H2 | H3 | A  | B  | A1  | B1  | A2 | B2 | B3 |
|-------------------------------------|------|-------|----|----|----|----|----|----|----|-----|-----|----|----|----|
| E10/U 32 T75X85                     | 64   | 32    |    | 85 |    |    |    | 90 | 90 | 112 | 150 |    |    |    |
| E10/U 1.25" T75X85                  | 2.5" | 1.25" |    | 85 |    |    |    | 90 | 90 | 112 | 150 |    |    |    |



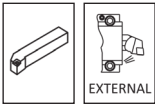
## 102/BMT75



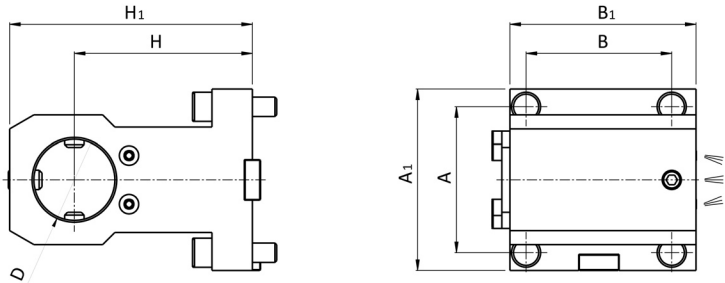
| Codice<br>code - code - Bestell Nr. | U    | U1    | U2 | H  | H1 | H2 | H3 | A  | B  | A1  | B1  | A2 | B2   | B3   |
|-------------------------------------|------|-------|----|----|----|----|----|----|----|-----|-----|----|------|------|
| E10/UD 32 T75X85                    | 64   | 32    |    | 85 |    |    |    | 90 | 90 | 112 | 181 |    | 60,5 | 60,5 |
| E10/UD 1.25" T75X85                 | 2.5" | 1.25" |    | 85 |    |    |    | 90 | 90 | 112 | 181 |    | 60,5 | 60,5 |



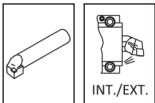
103/BMT75



| Codice<br>code - code - Bestell Nr. | U    | U1    | U2 | H  | H1 | H2 | H3 | A  | B  | A1  | B1  | A2 | B2 | B3 |
|-------------------------------------|------|-------|----|----|----|----|----|----|----|-----|-----|----|----|----|
| E10/UA 32 T75X70                    | 64   | 32    |    | 70 |    |    |    | 90 | 90 | 112 | 120 |    |    |    |
| E10/UA 1.25" T75X70                 | 2.5" | 1.25" |    | 70 |    |    |    | 90 | 90 | 112 | 120 |    |    |    |



104/BMT75



| Codice<br>code - code - Bestell Nr. | d      | d1 | d2 | H   | H1  | H2 | H3 | A  | B  | A1  | B1  | A2 | B2 | B3 |
|-------------------------------------|--------|----|----|-----|-----|----|----|----|----|-----|-----|----|----|----|
| E10/B 50 T75X60                     | Ø 50   |    |    | 60  | 110 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 60 T75X60                     | Ø 60   |    |    | 60  | 110 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 2" T75X60                     | Ø 2"   |    |    | 60  | 110 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 2.5" T75X60                   | Ø 2.5" |    |    | 60  | 110 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 50 T75X110                    | Ø 50   |    |    | 110 | 150 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 60 T75X110                    | Ø 60   |    |    | 110 | 150 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 2" T75X110                    | Ø 2"   |    |    | 110 | 150 |    |    | 90 | 90 | 112 | 115 |    |    |    |
| E10/B 2.5" T75X110                  | Ø 2.5" |    |    | 110 | 150 |    |    | 90 | 90 | 112 | 115 |    |    |    |



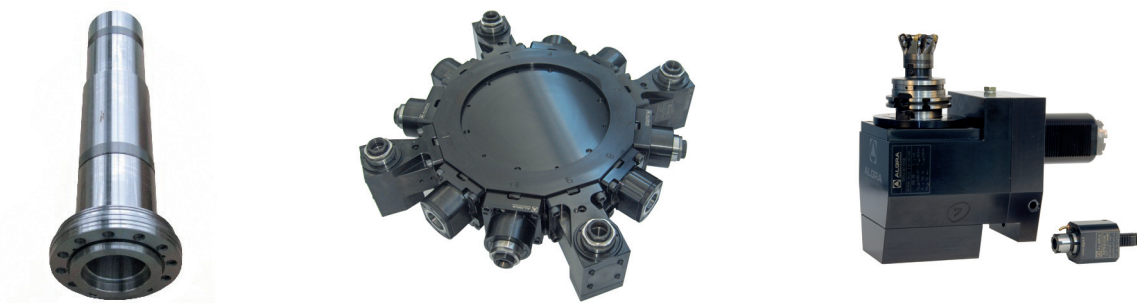
**La produzione:  
il lavoro**  
Production:  
work

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

Distributors - Precision mechanics | Algra:



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