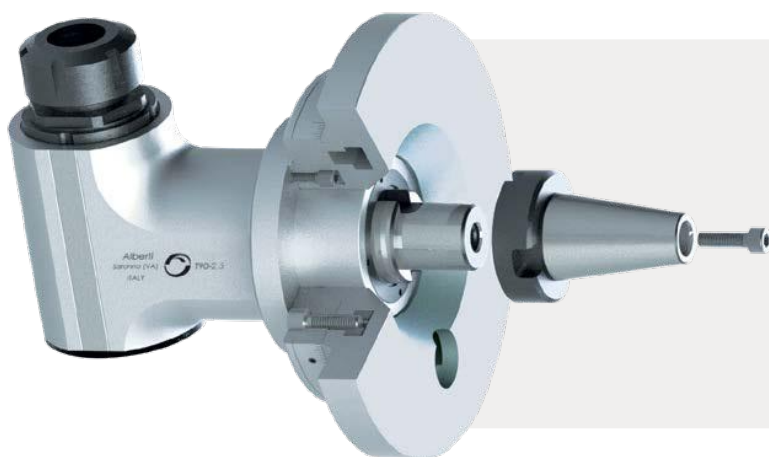




## LINEA MODULAR

Le teste della **linea MODULAR** sono adatte ad essere montate su **macchine utensili tradizionali da fissare al mandrino tramite apposita flangia**. Sono dotate di un cono intercambiabile, una flangia universale e la possibilità di avere alcuni moduli di prolunga per variane la lunghezza. Per un corretto montaggio, è necessario realizzare una flangia di adattamento da interporre tra la testa e il mandrino.

*Angle heads of the **MODULAR** line are suitable to be mounted on **traditional machine tools and are attached to the spindle through a flange**. They are sold together with an interchangeable shank and a universal flange and they can extend the total length thanks to extension spacers. For a correct mounting, it is necessary to build an adapting flange to be screwed between the head and the machine spindle.*



### ESEMPIO DI MONTAGGIO IN MACCHINA

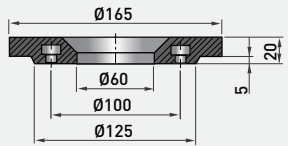
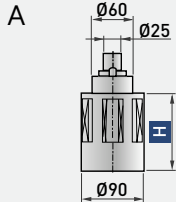
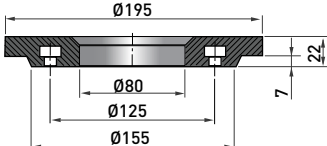
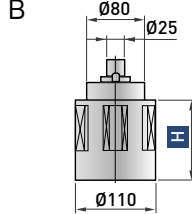
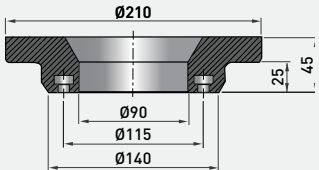
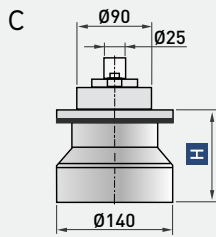
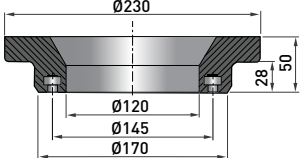
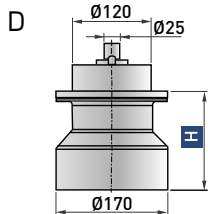
*Example of mounting the head*

## Moduli di prolunga: **FLANGIA UNIVERSALE**

*Extension spacer: UNIVERSAL FLANGE*

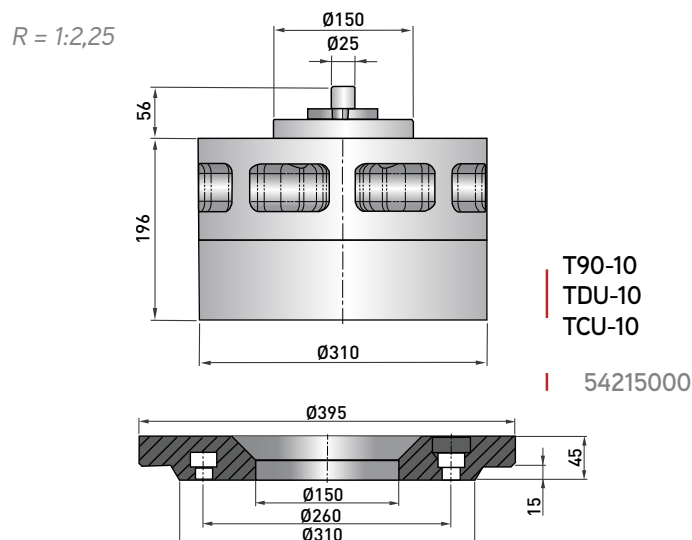
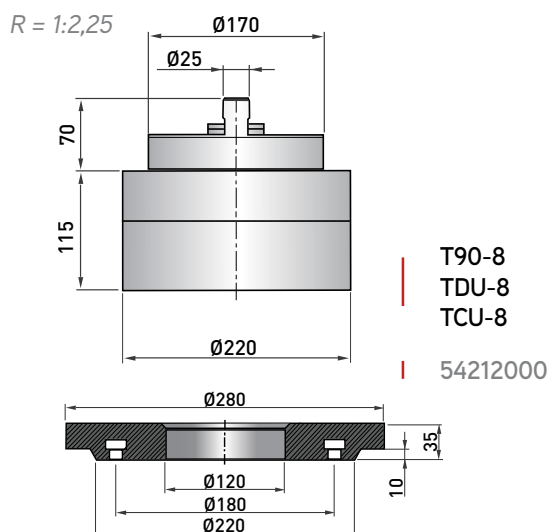
Un sistema modulare componibile, rende possibile variare la lunghezza del corpo testa aggiungendo l'elemento di prolunga. **Modulo, coni e flangia sono modulari e quindi intercambiabili** su tutti i corpi testa appartenenti allo stesso ordine di grandezza.

*The modular system makes it possible to extend the length of the body by adding a spacer. The extension spacer, drive tapers and universal flange are modular and therefore interchangeable among all the heads of similar size.*

	FLANGIA <i>Flange</i>	MODULI DI PROLUNGA <i>Extension Spacer</i>	H	CODICI <i>Part number</i>
<b>T90-0,4</b> <b>T90-0,5</b> <b>T90-1,5</b> <b>T90-2,5</b> <b>TCU-2,5</b> <b>TCU-3,5</b>	 54206000	 A	55 mm	90006010
			110 mm	90006A1100
			150 mm	90006A1500
			250 mm	90006A2500
<b>T90-3,5</b>	 54208000	 B	55 mm	90008010
			110 mm	90008A1100
			150 mm	90008A1500
			250 mm	90008A2500
			360 mm	90008A3600
<b>T90-4,5</b>	 54209001	 C	110 mm	90009000
			150 mm	90009050
<b>T90-5</b>	 54212004	 D	150 mm	90012005

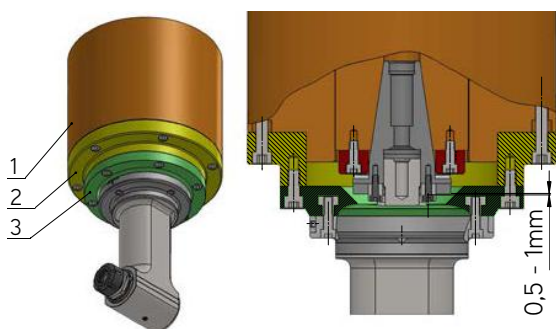
## MODULI DI PROLUNGA per teste linea P moltiplicati.

*Extension spacers for heads linea P with speed increase*



## Esempio di montaggio di una TESTA TIPO MODULAR

*Example of flange mounting for modular head*



- 1 Mandrino Spindle    2 Flangia di interfaccia Interface flange    3 Flangia universale Universal flange

Per il **corretto montaggio** della testa in macchina, una volta avvitato il cono e la flangia universale sulla testa, è **necessario realizzare un ulteriore flangia di adattamento** tra la testa e il mandrino della macchina seguendo attentamente le istruzioni sul libretto in dotazione.

*For a **correct flange mounting** on the machine, once you fix the shank and the universal flange on the head, it's **necessary to make an adapting spacer** between the head and the machine spindle and follow carefully the instruction on the given manual.*

Esempio di montaggio **TESTA MODULAR** con flangia universale standard e moduli di prolunga

*Example of flange mounting for **MODULAR HEADS** including extension spacers*



# T90-0.4C Neo

AMT9004C

## Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
10.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
100 N



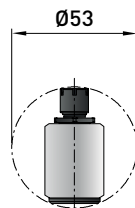
Torque  
Momento torcente  
4 Nm



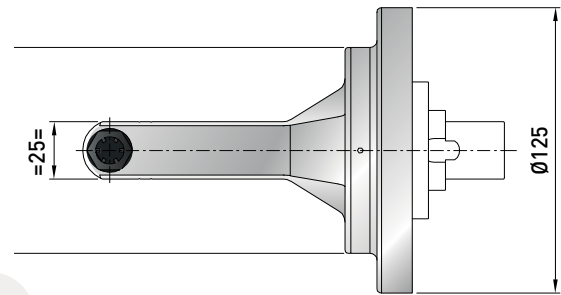
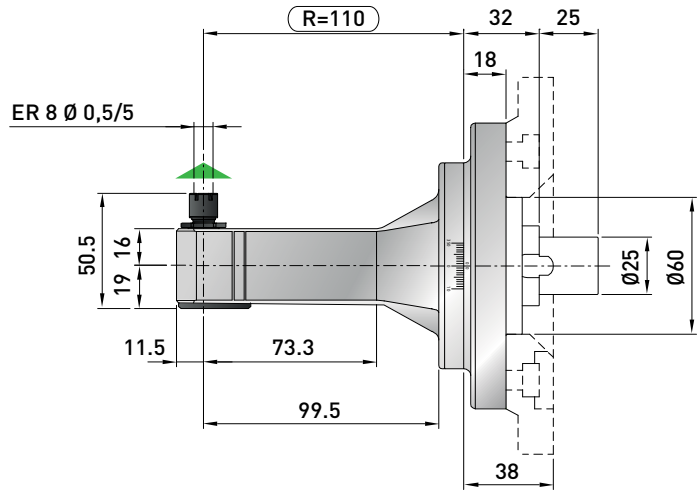
Weight  
Peso  
4 kg



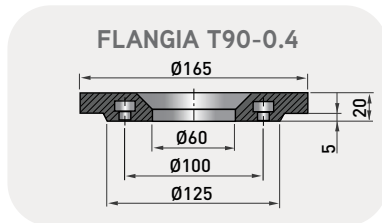
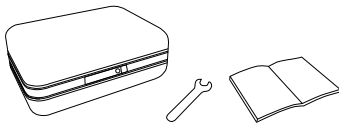
Collet  
Pinza  
ER-8 (ø 0,5/5 mm)



Minimum diameter  
without tool  
*Diametro minimo  
senza utensile*



**\* STANDARD EQUIPMENT includes:**



▲ Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

Shank / Cono	DIN 69871-CAT	MAS-BT	HSK	CAPTO

## Option / Opzione



bar max  
12

Coolant through flange and output spindle  
*Refrigerante attraverso la flangia e il mandrino di uscita*



Ø mm max.  
6

Weldon output  
*Weldon*







# T90-1.5L Neo

AMT9015L

## Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
8.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
250 N



Torque  
Momento torcente  
25 Nm



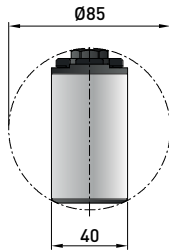
Weight  
Peso  
5.2 kg



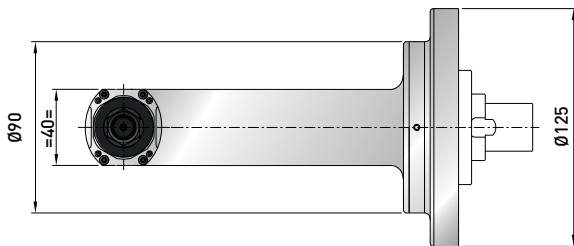
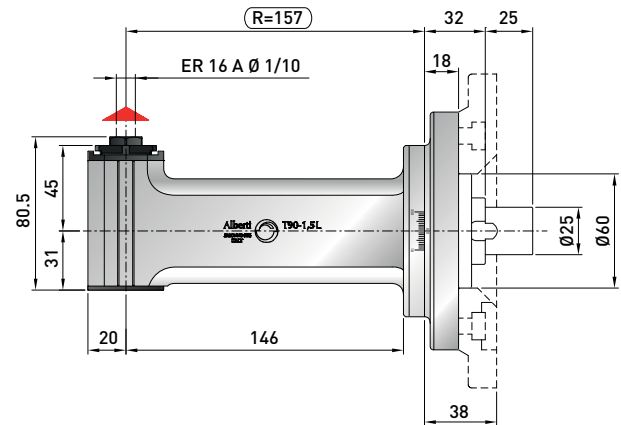
Tapping  
Maschiatura  
Max. M6



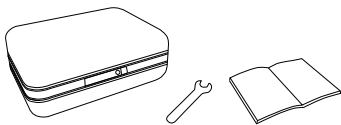
Collet  
Pinza  
ER-16A (ø 1/10 mm)



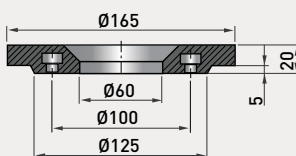
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



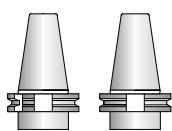
**\* STANDARD EQUIPMENT**  
includes:



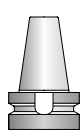
### FLANGIA T90-1.5



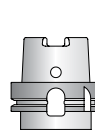
Direction of rotation opposite to machine spindle / senso di rotazione contrario al mandrino



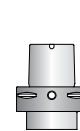
DIN 69871-CAT



MAS-BT



HSK



CAPTO

Shank / Cono

## Option / Opzione



bar max  
12

Coolant through flange and output  
spindle / Refrigerante attraverso  
la flangia e il mandrino di uscita



bar max  
100

Coolant through modular taper  
Adduzione refrigerante  
attraverso il cono



Ø mm  
13

Arbor output  
Porta fresa



Ø mm max.  
10

Weldon output  
Weldon



ER 16/ER 11

Double output  
Doppia uscita










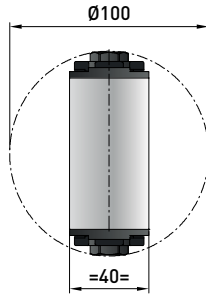
# T90-1.5 2U

AMT9015D

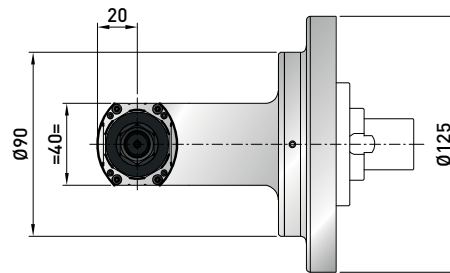
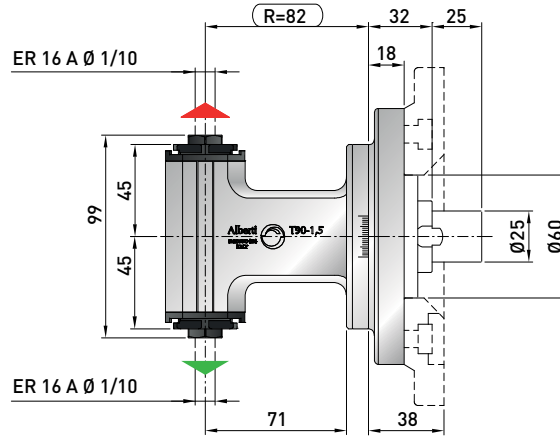
## Technical data

Caratteristiche tecniche

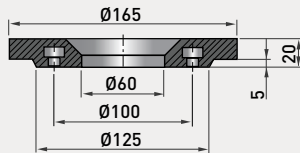
-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**8.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**450 N**
-  **Torque**  
Momento torcente  
**25 Nm**
-  **Weight**  
Peso  
**4.5 kg**
-  **Tapping**  
Maschiatura  
**Max. M6**
-  **Collet**  
Pinza  
ER-16A (ø 1/10 mm)  
ER-16A (ø 1/10 mm)





Minimum diameter  
without tool  
*Diametro minimo  
senza utensile*

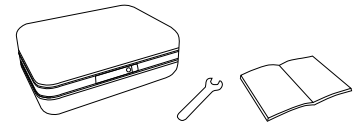


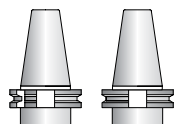
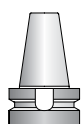
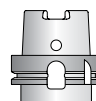
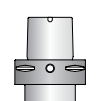
### FLANGIA T90-1.5



-  Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*
-  Direction of rotation opposite to machine spindle / *senso di rotazione contrario al mandrino*

**\* STANDARD EQUIPMENT**  
includes:



Shank / Cono	 <b>DIN 69871-CAT</b>	 <b>MAS-BT</b>	 <b>HSK</b>	 <b>CAPTO</b>
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## Option / Opzione



bar max  
**12**

Coolant through flange and  
output spindle / Refrigerante attraverso  
la flangia e il mandrino di uscita



Ø mm  
**13**

Arbor output  
Porta fresa



Ø mm max.  
**10**

Weld on output  
Weld on

## T90-2.5C Neo

AMT9025C

### Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
6.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
510 N



Torque  
Momento torcente  
50 Nm



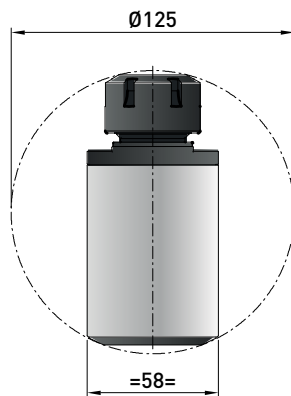
Weight  
Peso  
5.4 kg



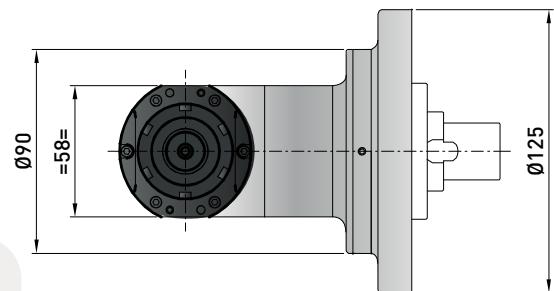
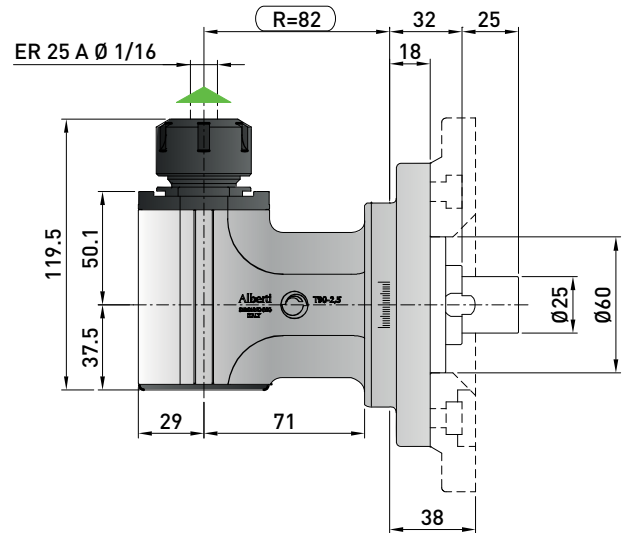
Tapping  
Maschiatura  
Max. M12



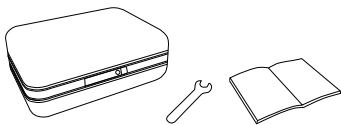
Collet  
Pinza  
ER-25 (ø 1/16 mm)



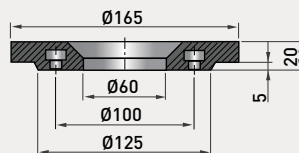
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



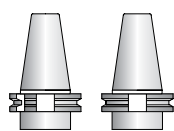
**\* STANDARD EQUIPMENT includes:**



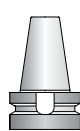
### FLANGIA T90-2.5



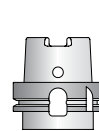
▲ Direction of rotation same as machine spindle / senso di rotazione uguale al mandrino



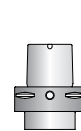
DIN 69871-CAT



MAS-BT



HSK



CAPTO

Shank / Cono

### Option / Opzione



bar max  
12

Coolant through flange and output spindle / Refrigerante attraverso la flangia e il mandrino di uscita



bar max  
100

Coolant through modular taper / Adduzione refrigerante attraverso il cono



Ø mm  
16

Arbor output  
Porta fresa



Ø mm max.  
16

Welding output  
Welding



HSK-32  
Quick Change  
Attacco rapido  
Smart Change



ER 25/ER 16  
Double output  
Doppia uscita

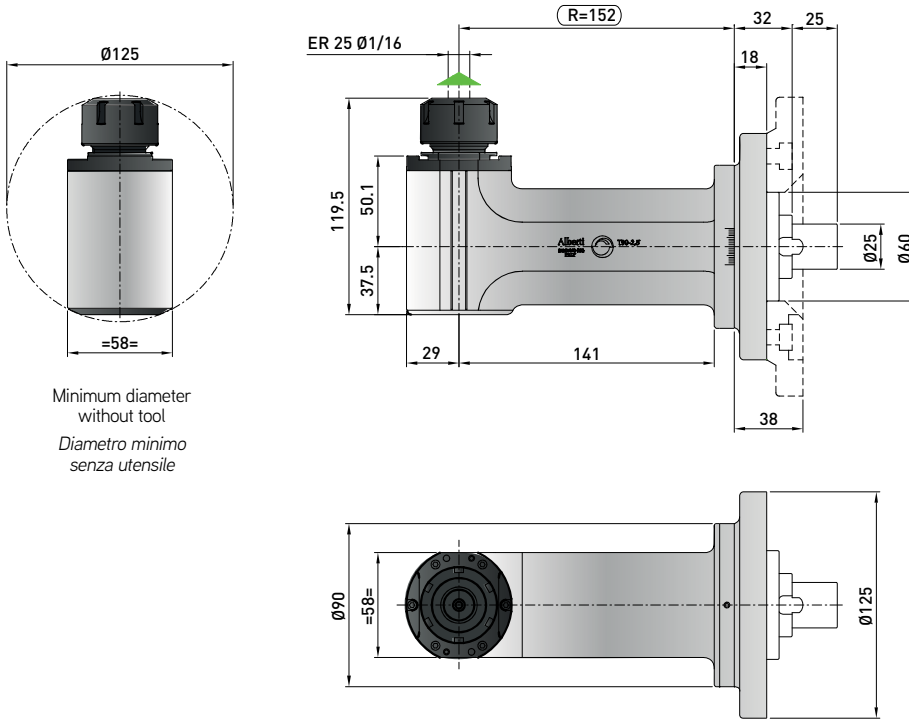
# T90-2.5L Neo

AMT9025L

## Technical data

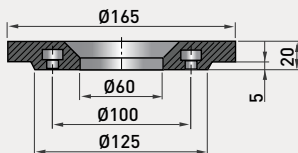
Caratteristiche tecniche

-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**6.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**510 N**
-  **Torque**  
Momento torcente  
**50 Nm**
-  **Weight**  
Peso  
**6.7 kg**
-  **Tapping**  
Maschiatura  
**Max. M12**
-  **Collet**  
Pinza  
**ER-25 (ø 1/16 mm)**

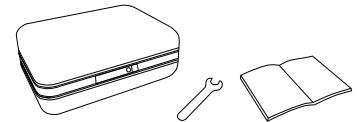



Minimum diameter  
without tool  
Diametro minimo  
senza utensile

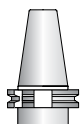
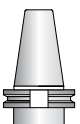
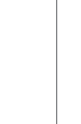


### FLANGIA T90-2.5



**\* STANDARD EQUIPMENT**  
includes:



 Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

				
Shank / Cono	DIN 69871-CAT	MAS-BT	HSK	CAPTO

## Option / Opzione



bar max  
**12**

Coolant through flange and output  
spindle / Refrigerante attraverso la  
flangia e il mandrino di uscita



bar max  
**100**

Coolant through modular taper  
Adduzione refrigerante  
attraverso il cono



Ø mm  
**16**

Arbor output  
Porta fresa



Ø mm max.  
**16**

Weldon output  
Weldon



**HSK-32**  
Quick Change  
Attacco rapido  
**Smart Change**



**ER 25/ER 16**

Double output  
Doppia uscita

## T90-2.5 2U

AMT9025D

### Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
6.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
510 N



Torque  
Momento torcente  
50 Nm



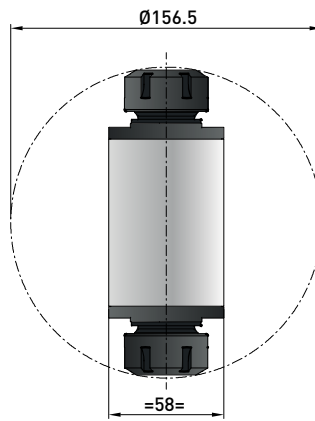
Weight  
Peso  
6.4 kg



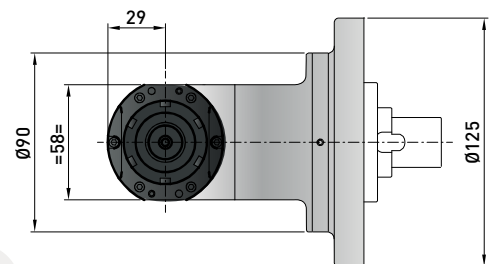
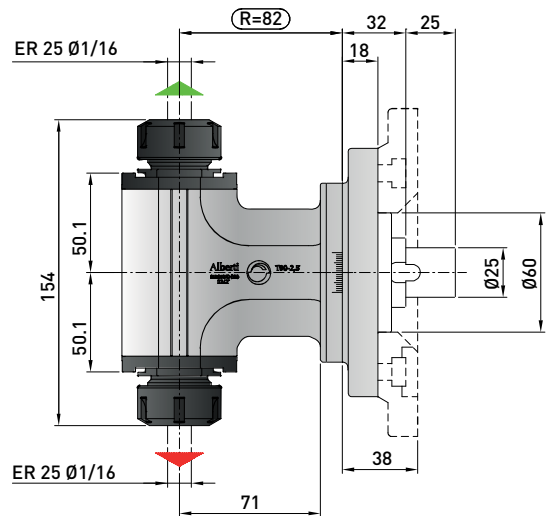
Tapping  
Maschiatura  
Max. M12



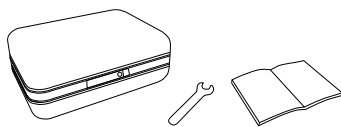
Collet  
Pinza  
ER-25 (ø 1/16 mm)  
ER-25 (ø 1/16 mm)



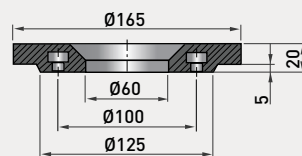
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



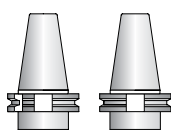
**\* STANDARD EQUIPMENT**  
includes:



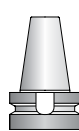
### FLANGIA T90-2.5



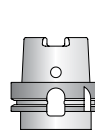
Direction of rotation same as machine spindle / *sensò di rotazione uguale al mandrino*  
 Direction of rotation opposite to machine spindle / *sensò di rotazione contrario al mandrino*



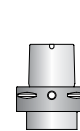
DIN 69871-CAT



MAS-BT



HSK



CAPTO

Shank / Cono

### Option / Opzione



Ø mm  
16

Arbor output  
Porta fresa



Ø mm max.  
16

Weldon output  
Weldon

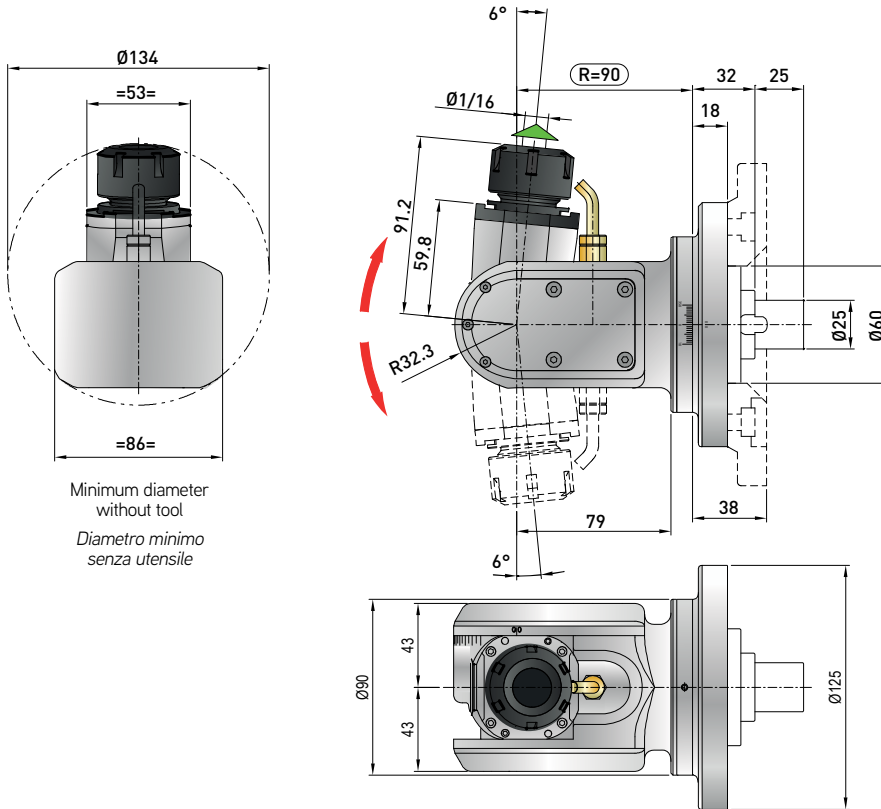
# TCU-2.5 Neo

AMTCU25C

## Technical data

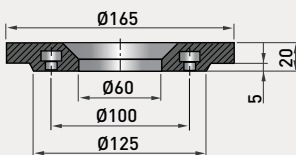
Caratteristiche tecniche

-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**4.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**510 N**
-  **Torque**  
Momento torcente  
**25 Nm**
-  **Weight**  
Peso  
**7 kg**
-  **Tapping**  
Maschiatura  
**Max. M12**
-  **Collet**  
Pinza  
**ER-25 (ø 1/16 mm)**



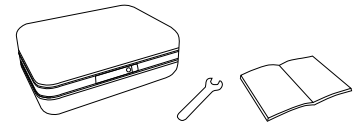
Minimum diameter  
without tool  
Diametro minimo  
senza utensile

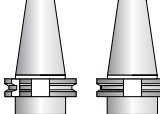
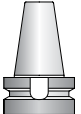


### FLANGIA TCU-2.5



▲ Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

**\* STANDARD EQUIPMENT**  
includes:



Shank / Cono				
	DIN 69871-CAT	MAS-BT	HSK	CAPTO

## Option / Opzione



bar max  
**100**

Coolant through modular taper  
Adduzione refrigerante  
attraverso il cono



**+/- 95°**

Angle  
Angolo



every  
**5°**

Fixed positioning  
Posizionamento fisso



Ø mm max.  
**16**

Welding output  
Welding

# T90-3.5C Neo

AMT9035C

## Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
5.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
1.250 N



Torque  
Momento torcente  
70 Nm



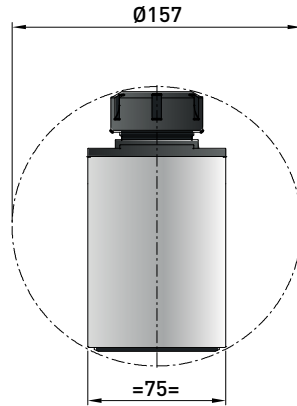
Weight  
Peso  
11 kg



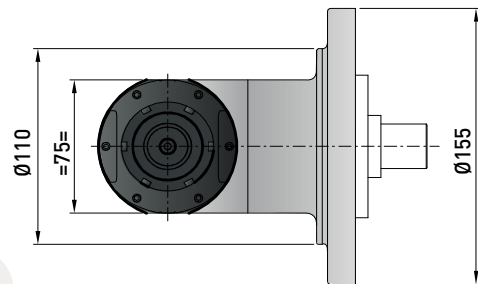
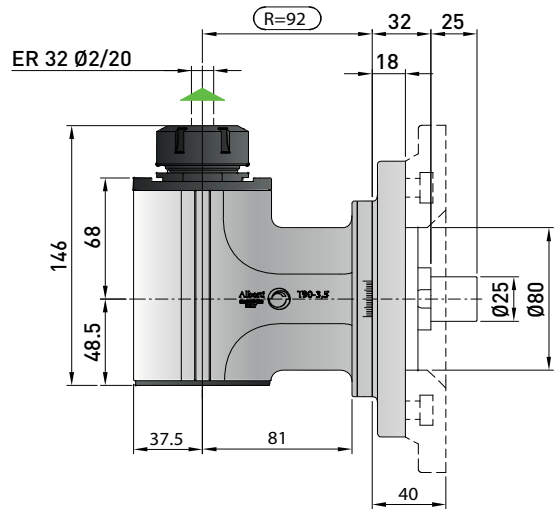
Tapping  
Maschiatura  
Max. M16



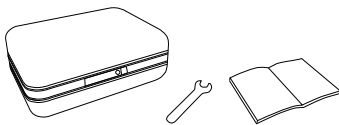
Collet  
Pinza  
ER- 32 (ø 2/20 mm)



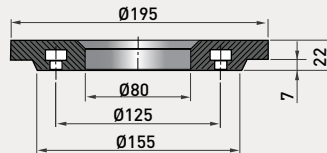
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



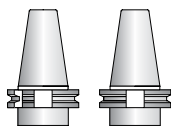
**\* STANDARD EQUIPMENT**  
includes:



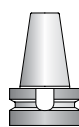
### FLANGIA T90-3.5



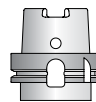
▲ Direction of rotation same as machine spindle / senso di rotazione uguale al mandrino



DIN 69871-CAT



MAS-BT



HSK



CAPTO

Shank / Cono

## Option / Opzione



bar max  
12

Coolant through flange and output  
spindle / Refrigerante attraverso la  
flangia e il mandrino di uscita



bar max  
100

Coolant through modular taper  
Adduzione refrigerante  
attraverso il cono



Ø mm  
27

Arbor output  
Porta fresa



Ø mm max.  
20

Welded output  
Weldon



ISO-30 HSK-40

Quick Change  
Attacco rapido  
Smart Change



ER 32/ER 20

Double output  
Doppia uscita

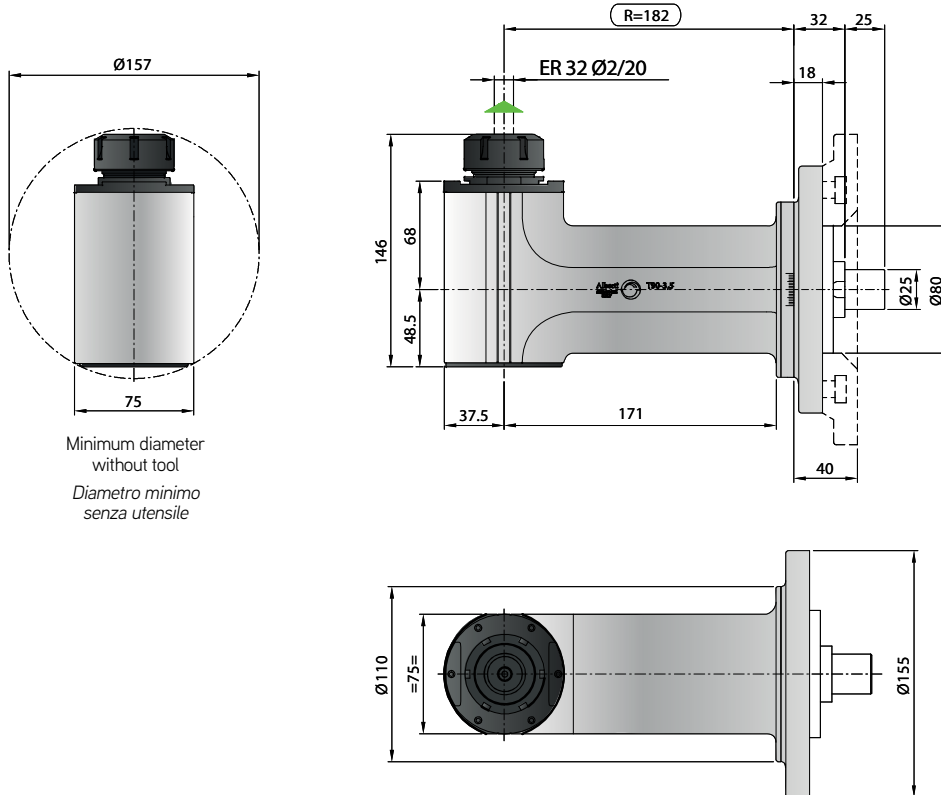
# T90-3.5L Neo

## AMT9035L

### Technical data

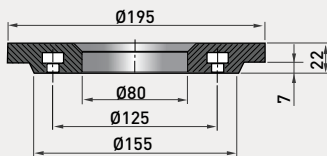
Caratteristiche tecniche


-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**5.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**1.250 N**
-  **Torque**  
Momento torcente  
**70 Nm**
-  **Weight**  
Peso  
**13.2 kg**
-  **Tapping**  
Maschiatura  
**Max. M16**
-  **Collet**  
Pinza  
**ER-32 (ø 2/20 mm)**

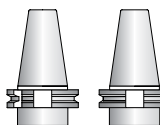
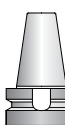
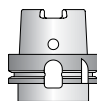



Minimum diameter  
without tool  
*Diametro minimo  
senza utensile*

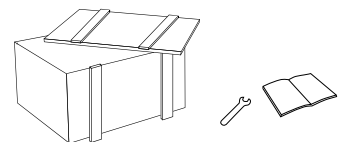
### FLANGIA T90-3.5









 Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

			
Shank / Cono	DIN 69871-CAT	MAS-BT	HSK

**\* STANDARD EQUIPMENT includes:**



### Option / Opzione

					
bar max <b>12</b>	bar max <b>100</b>	Ø mm <b>22-27</b>	Ø mm max. <b>20</b>	<b>ISO-30 HSK-40</b>	<b>ER 32/ER 20</b>
<i>Coolant through flange and output spindle / Refrigerante attraverso la flangia e il mandrino di uscita</i>	<i>Coolant through modular taper / Adduzione refrigerante attraverso il cono</i>	<i>Arbor output / Porta fresa</i>	<i>Weldon output / Weldon</i>	<i>Quick Change / Attacco rapido / Smart Change</i>	<i>Double output / Doppia uscita</i>

## T90-3.5 2U

AMT9035D

### Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
4.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
1.250 N



Torque  
Momento torcente  
70 Nm



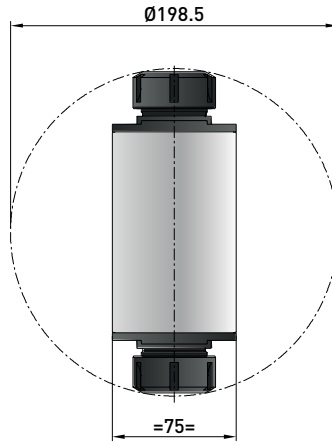
Weight  
Peso  
12 kg



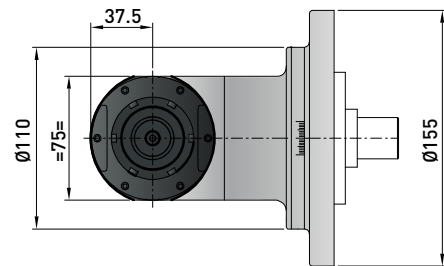
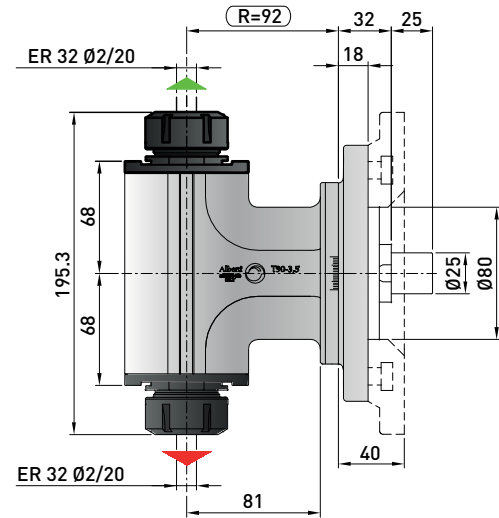
Tapping  
Maschiatura  
Max. M16



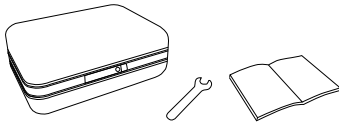
Collet  
Pinza  
ER-32 (ø 2/20 mm)  
ER-32 (ø 2/20 mm)



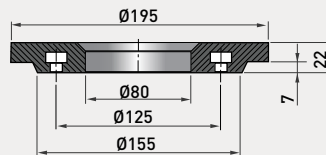
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



\* STANDARD EQUIPMENT includes:



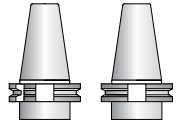
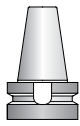


### FLANGIA T90-3.5



Direction of rotation same as machine spindle / senso di rotazione uguale al mandrino



Direction of rotation opposite to machine spindle / senso di rotazione contrario al mandrino

Shank / Cono	 DIN 69871-CAT	 MAS-BT	 HSK	 CAPTO
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### Option / Opzione



Ø mm  
22-27

Arbor output  
Porta fresa



Ø mm max.  
20

Welded output  
Weldon



HSK-40

Quick Change  
Attacco rapido  
Smart Change



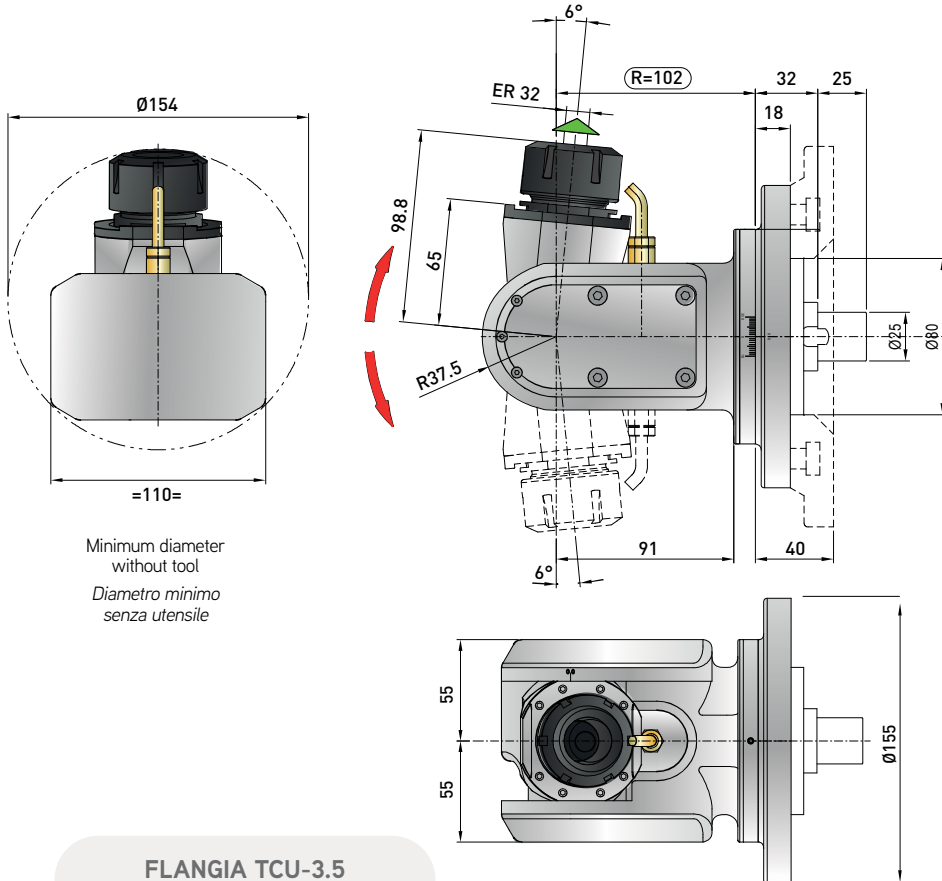
# TCU-3.5 Neo

AMTCU35C

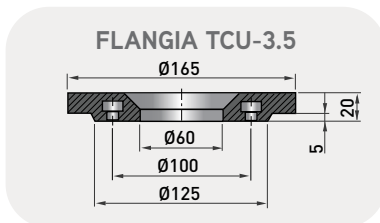
## Technical data

Caratteristiche tecniche

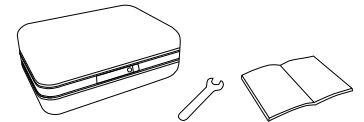
-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**4.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**700 N**
-  **Torque**  
Momento torcente  
**50 Nm**
-  **Weight**  
Peso  
**13 kg**
-  **Tapping**  
Maschiatura  
**Max. M16**
-  **Collet**  
Pinza  
**ER-32 (ø 2/20 mm)**




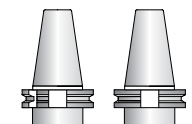
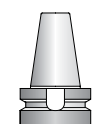
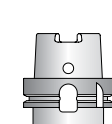
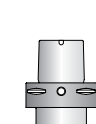
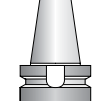
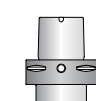
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



**\* STANDARD EQUIPMENT**  
includes:



 Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

			
Shank / Cono	DIN 69871-CAT	MAS-BT	HSK
			
		MAS-BT	CAPTO

## Option / Opzione



bar max  
**100**

Coolant through modular taper  
Adduzione refrigerante  
attraverso il cono



**+/- 95°**

Angle  
Angolo



every  
**5°**

Fixed positioning  
Posizionamento fisso



Ø mm max.  
**20**

Weldon output  
Weldon

# T90-4.5C Neo

AMT9045C

## Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
4.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
1.750 N



Torque  
Momento torcente  
120 Nm



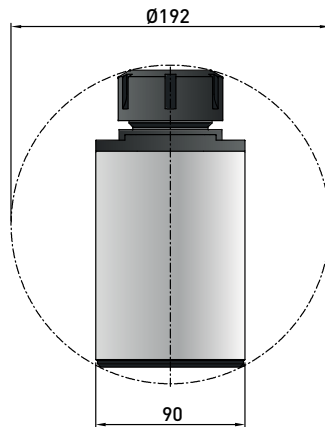
Weight  
Peso  
17 kg



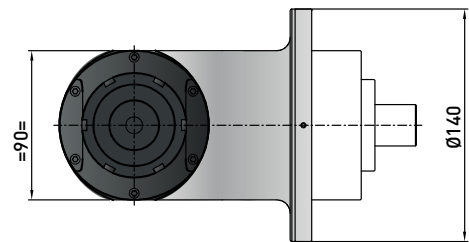
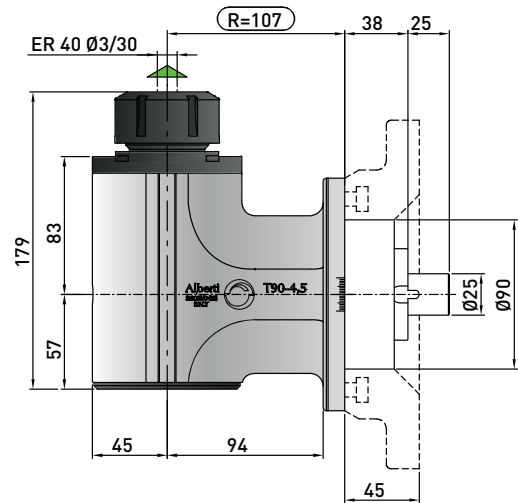
Tapping  
Maschiatura  
Max. M20



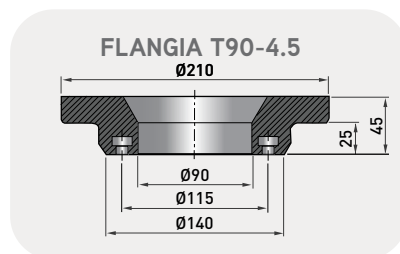
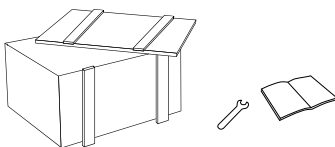
Collet  
Pinza  
ER-40 (ø 3/30 mm)



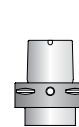
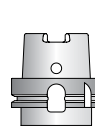
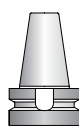
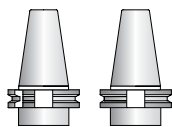
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



**\* STANDARD EQUIPMENT includes:**



▲ Direction of rotation same as machine spindle / senso di rotazione uguale al mandrino



Shank / Cono

DIN 69871-CAT

MAS-BT

HSK

CAPTO

## Option / Opzione



bar max  
12

Coolant through flange and output spindle / Refrigerante attraverso la flangia e il mandrino di uscita



bar max  
100

Coolant through modular taper / Adduzione refrigerante attraverso il cono



Ø mm  
27

Arbor output  
Porta fresa



Ø mm max.  
25

Weldon output  
Weldon



HSK-50  
HSK-40 CAPTO C4

Quick Change  
Attacco rapido



ER 40/ER 25

Double output  
Doppia uscita

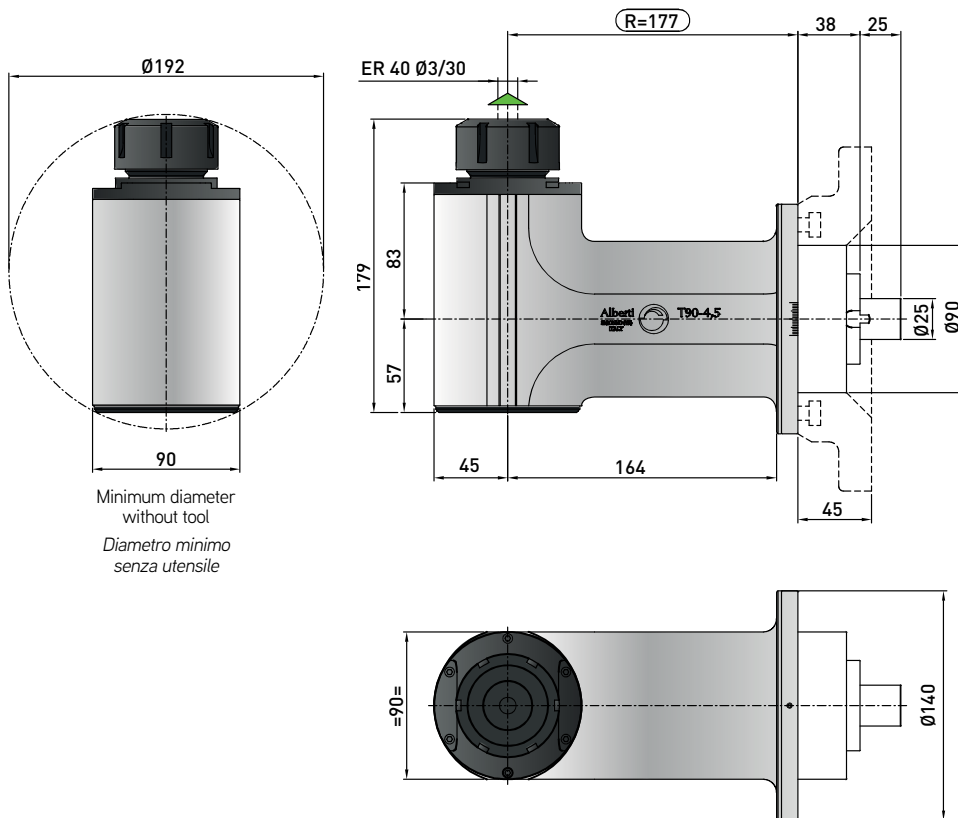
# T90-4.5L Neo

AMT9045L

## Technical data

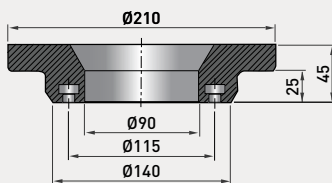
Caratteristiche tecniche

-  **Ratio**  
Rapporto  
**1:1**
-  **RPM**  
Velocità  
**4.000 min<sup>-1</sup>**
-  **Max. axial load**  
Max. carico assiale  
**1.750 N**
-  **Torque**  
Momento torcente  
**120 Nm**
-  **Weight**  
Peso  
**20 kg**
-  **Tapping**  
Maschiatura  
**Max. M20**
-  **Collet**  
Pinza  
**ER-40 (ø 3/30 mm)**

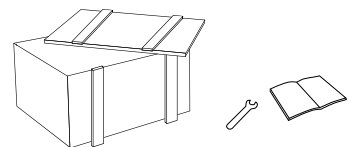



Minimum diameter  
without tool  
*Diametro minimo  
senza utensile*

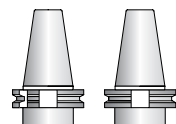
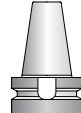
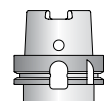

### FLANGIA T90-4.5



**\* STANDARD EQUIPMENT includes:**



 Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

				
Shank / Cono	DIN 69871-CAT	MAS-BT	HSK	CAPTO

## Option / Opzione



bar max  
**12**

Coolant through flange and output spindle / *Refrigerante attraverso la flangia e il mandrino di uscita*



bar max  
**100**

Coolant through modular taper / *Adduzione refrigerante attraverso il cono*



Ø mm  
**27**

Arbor output / *Porta fresa*



Ø mm max.  
**25**

Weldon output / *Weldon*



HSK-50  
HSK-40 CAPTO C4

Quick Change / *Attacco rapido*



ER 40/ER 25

Double output / *Doppia uscita*

# T90-5C HP Neo

AMT9050HP

## Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
1:1



RPM  
Velocità  
3.000 min<sup>-1</sup>



Max. axial load  
Max. carico assiale  
1.800 N



Torque  
Momento torcente  
160 Nm



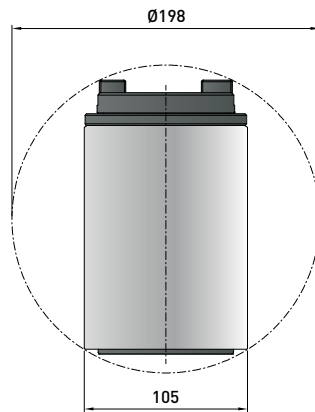
Weight  
Peso  
22 kg



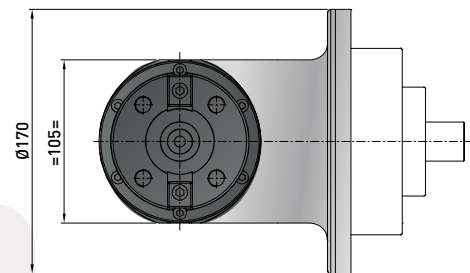
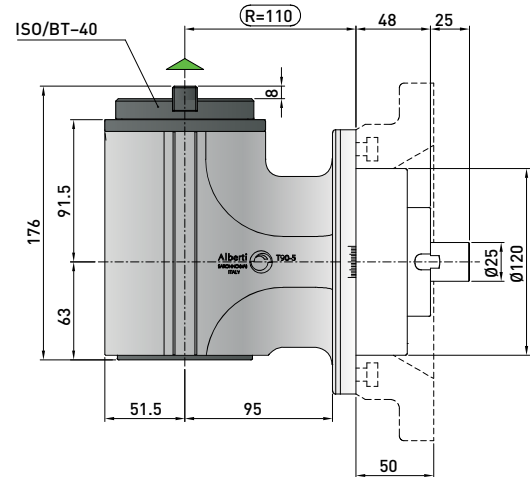
Tapping  
Maschiatura  
Max. M24



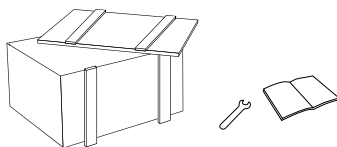
Collet  
Pinza  
ISO/BT 40



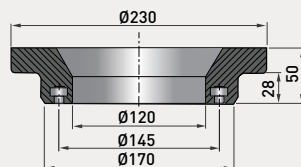
Minimum diameter  
without tool  
Diametro minimo  
senza utensile



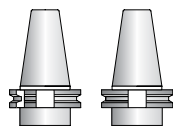
**\* STANDARD EQUIPMENT includes:**



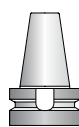
### FLANGIA T90-5



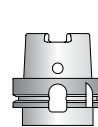
▲ Direction of rotation same as machine spindle / senso di rotazione uguale al mandrino



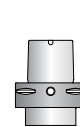
DIN 69871-CAT



MAS-BT



HSK



CAPTO

Shank / Cono

## Option / Opzione



bar max  
12

Coolant through flange and output spindle / Refrigerante attraverso la flangia e il mandrino di uscita



bar max  
100

Coolant through modular taper / Adduzione refrigerante attraverso il cono



HSK 63 CAPTO C4/C5

Quick Change  
Attacco rapido



AIR/OIL

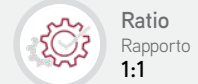
Air / Oil lubrication  
Lubrificazione aria / olio

# T90-5L HP Neo

## AMT9050LHP

### Technical data

Caratteristiche tecniche



Ratio  
Rapporto  
**1:1**



RPM  
Velocità  
**3.000 min<sup>-1</sup>**



Max. axial load  
Max. carico assiale  
**1.800 N**



Torque  
Momento torcente  
**160 Nm**



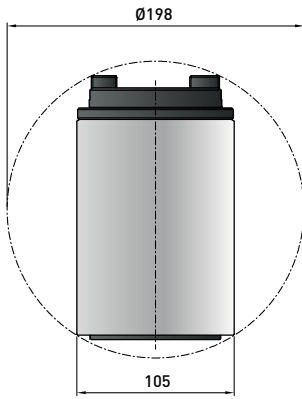
Weight  
Peso  
**26.2 kg**



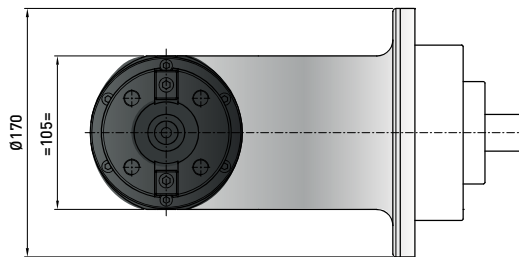
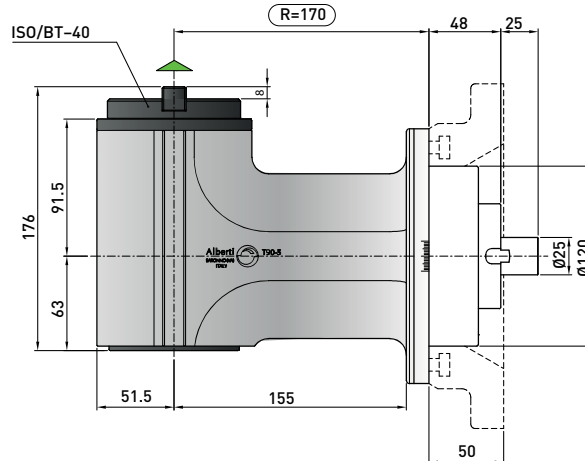
Tapping  
Maschiatura  
**Max. M24**



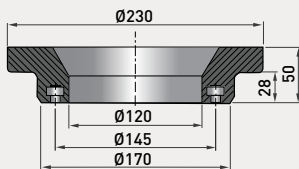
Collet  
Pinza  
**ISO/BT 40**



Minimum diameter  
without tool  
*Diametro minimo  
senza utensile*

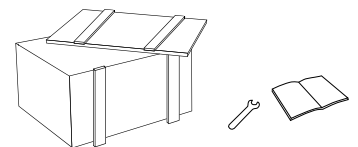


### FLANGIA T90-5



▲ Direction of rotation same as machine spindle / *senso di rotazione uguale al mandrino*

**\* STANDARD EQUIPMENT includes:**



Shank / Cono	<b>DIN 69871-CAT</b>	<b>MAS-BT</b>	<b>HSK</b>	<b>CAPTO</b>
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### Option / Opzione



bar max  
**12**

Coolant through flange and output spindle / *Refrigerante attraverso la flangia e il mandrino di uscita*



bar max  
**100**

Coolant through modular taper / *Adduzione refrigerante attraverso il cono*



**HSK 63 CAPTO C4/C5**

Quick Change / *Attacco rapido*



**AIR/OIL**

Air / Oil lubrication / *Lubrificazione aria / olio*