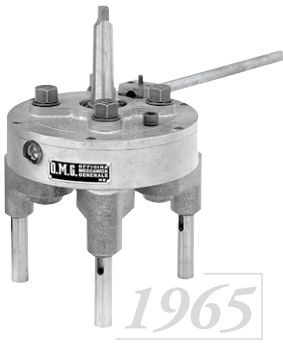


serie  
**VH**

teste multiple ad assi variabili  
*variable axis heads*



Lo sviluppo della serie TE, una linea completa di teste ad assi variabili, rappresenta l'innovazione degli anni '70 che sancisce a pieni voti il successo e la notorietà del marchio O.M.G.

Gli anni '80 sono dedicati al perfezionamento della linea TE e all'introduzione di due nuove serie; la TEM e la TEF. Il risultato é la messa a punto della più completa gamma di teste ad assi variabili presenti sul mercato nazionale ed internazionale.

Le tecnologie d'avanguardia nei processi produttivi e l'impiego di nuove tecniche computerizzate firmano la notorietà e l'immagine del marchio O.M.G.: un nome diffuso e conosciuto da tutte le aziende, piccole e grandi, un'immagine mai smentita ma sottolineata nelle numerose campagne pubblicitarie realizzate.

L'ultima generazione, la serie VH, racchiude gli elementi di tecnologia e know how delle teste multiple ad interassi fissi. Si tratta di strumenti ad alta prestazione che consentono agli utilizzatori l'impiego ottimale di tutte le più avanzate tecnologie applicate agli utensili.

La VH rappresenta una serie completamente diversa, sia sotto il profilo tecnologico che estetico: un prodotto per il quale anche la ricerca ergonomica é stata assolutamente meticolosa.



*The TE series, a complete range of variable axes heads, represented a major company achievement in the seventies: it was a success and brought OMG into the limelight.*

*The eighties were characterised by upgrades to the TE range and the addition of two new series TEM and TEF.*

*Together this forms the most complete range of variable axis heads on domestic and international markets.*

*Cutting-edge technologies in production processes and the use of new computerised methods are the hallmarks of the O.M.G. brand name and image*

*thanks to which the company has won renown among small and large enterprises alike, an image that has never lost its importance but which is, instead, stressed by frequent advertising campaigns.*



*The latest generation, the VH series, bears witness to the technology and "know how" of multispindle heads with fixed centres and allows the end user to fully exploit the latest developments in tool manufacturing.*

*This new VH series, so different in terms of technology and aesthetics, is also the result of meticulous ergonomic research.*



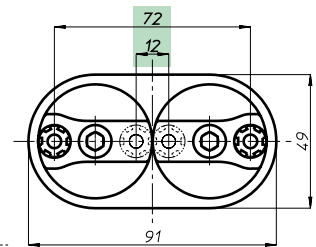
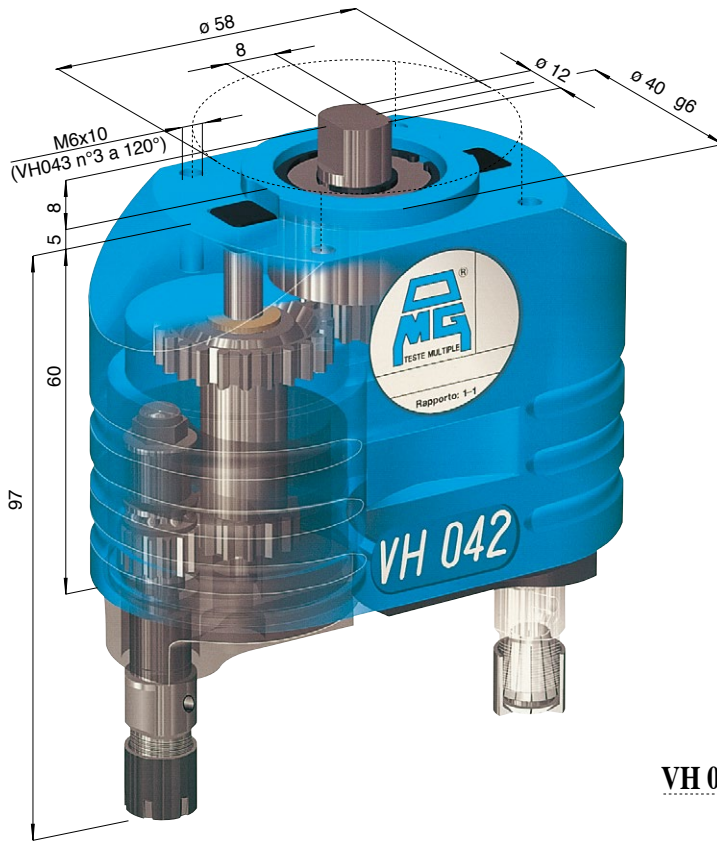
VH 04.....	6-2
VH 06.....	6-4
VH 08.....	6-6
VH 10.....	6-8
VH 13.....	6-10
VH 18.....	6-12
VH 25.....	6-14
VH 101.....	6-16
VH 181.....	6-17
Regolazione utensili/Tool settings .....	6-18
Esecuzioni speciali/Special executions ....	6-19
Galleria fotografica/Photographic gallery.....	6-20
Accessori/Accessories .....	10-1

Dimensione mandrini/Spindle dimensions ...	11-3
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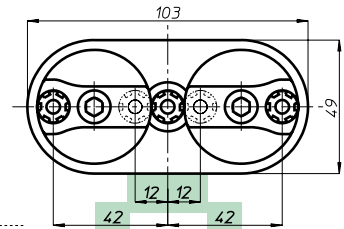
**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi 5$

**VH**

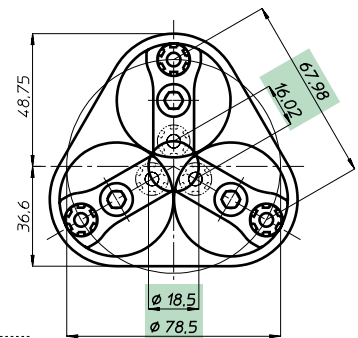
**modello 04**



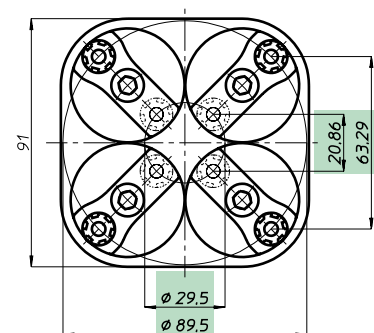
**VH 042**



**VH 043 L**



**VH 043**



**VH 044**

Testa modello Head type	<b>VH 042</b>	<b>VH 043 L</b>	<b>VH 043</b>	<b>VH 044</b>
Articolo Item	VH 042 PV	VH 043 LP	VH 043 P	VH 044 P
Attacco utensile Spindle type	ER 8 - max $\phi 5$			
Articolo Item				
Attacco utensile Spindle type				
N. mandrini Spindles nr.	2	3	3	4
Campo di lavoro min.	12	12 + 12	$\phi 18,5$	$\phi 29,5$
Centre distances max.	72	42 + 42	$\phi 78,5$	$\phi 89,5$
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi 4$			
Maschiatura Tapping	Ghisa GG25 - $\phi 5$			
Rapporto Ratio	M 3			
Velocità RPM	1 - 1			
Peso Weight	0,95	1,05	1,4	1,9

Teste multiple ad assi variabili • Variable axis heads

BAH

TA-CP

TA

MO

HT

**VH**

TSI/TSX

T

MT-TC-TC3

Accessori  
Accessories

Appendice tecnica  
Technical supplement

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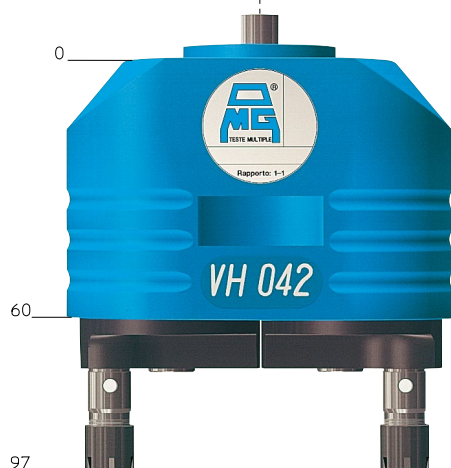
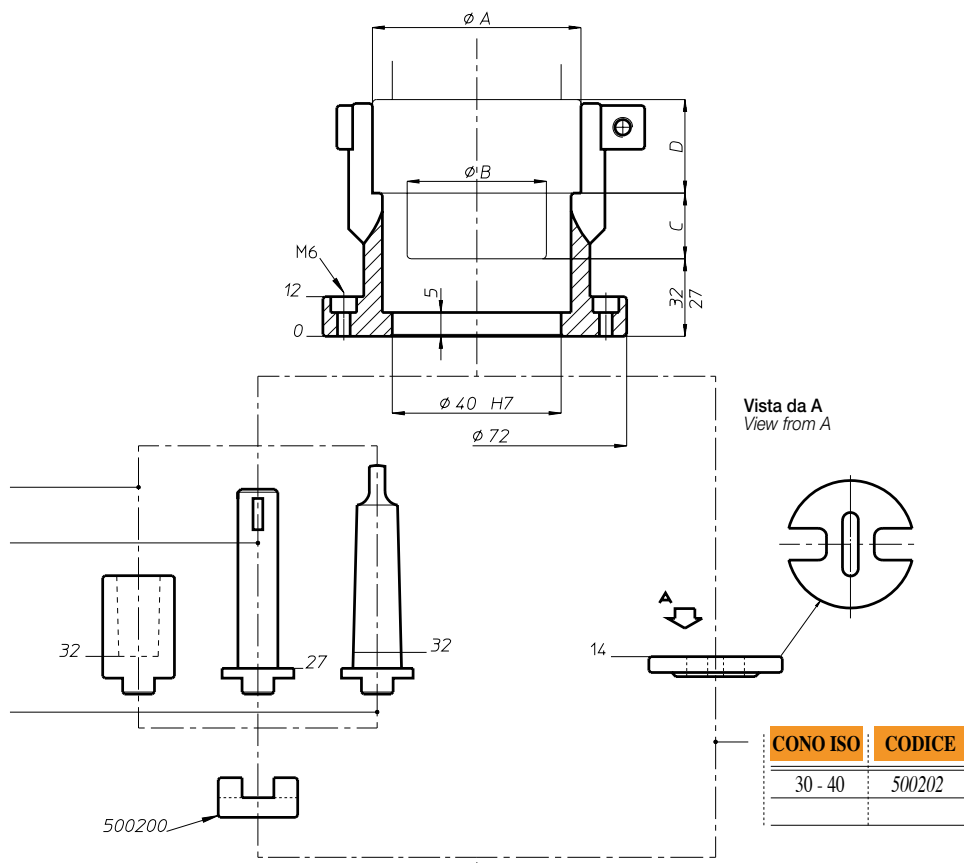
# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

**NOTA: A.B.C.D. dati macchina**  
 NOTE: A.B.C.D. machine features

DIN 238	CODICE
B 10	011277
B 12	011278
B 16	011279
B 18	011280

DIN 55058	CODICE
16	525405
20	525406
28	525407

DIN 228	CODICE
CM 1	011115
CM 2	011120
CM 3	011125



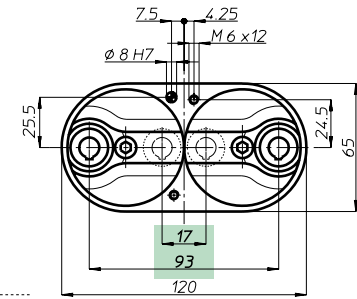
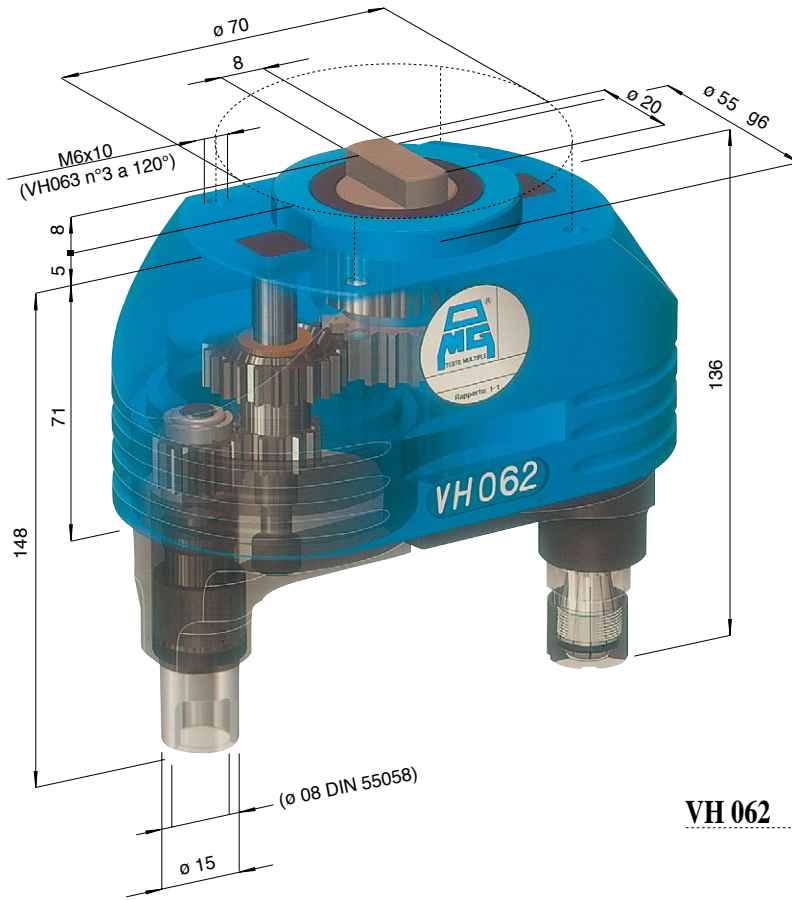
Teste multiple ad assi variabili - Variable axis heads

**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi 7$

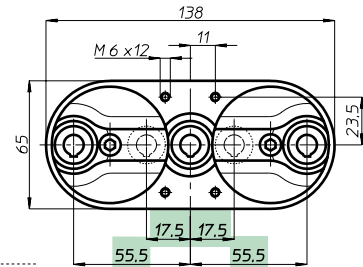
**VH**

**modello 06**

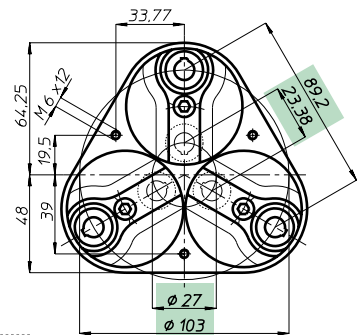
Teste multiple ad assi variabili • Variable axis heads



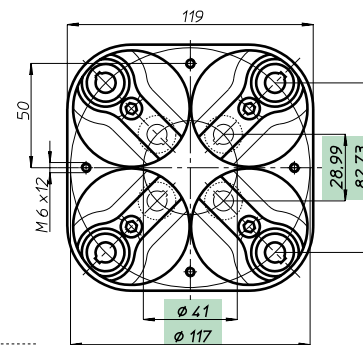
**VH 062**



**VH 063 L**



**VH 063**



**VH 064**

Testa modello Head type	VH 062	VH 063 L	VH 063	VH 064
Articolo Item	VH 062 P	VH 063 LP	VH 063 P	VH 064 P
Attacco utensile Spindle type	ER 11 - max $\phi 7$			
Articolo Item	VH 062 D	VH 063 LD	VH 063 D	VH 064 D
Attacco utensile Spindle type	DIN 55058 - $\phi 8$			
N. mandrini Spindles nr.	2	3	3	4
Campo di lavoro min.	17	17,5 + 17,5	$\phi 27$	$\phi 41$
Centre distances max.	93	55,5 + 55,5	$\phi 103$	$\phi 117$
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi 6$			
Maschiatura Tapping	Ghisa GG25 - $\phi 7$			
Rapporto Ratio	M 5			
Velocità RPM	1 - 1			
Peso Weight	1,65	1,95	2,3	3,1

BAH

TA-CP

TA

MO

HT

VH

TSI/TSX

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MT-TC-TC3

Accessori  
Accessories

Appendice tecnica  
Technical supplement

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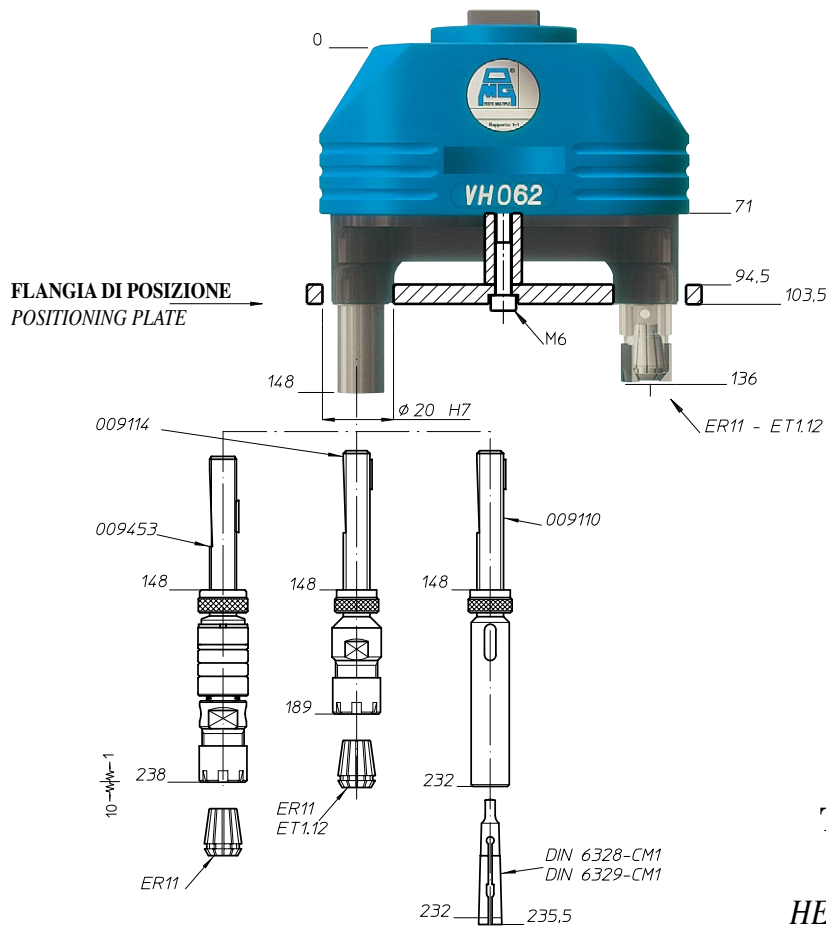
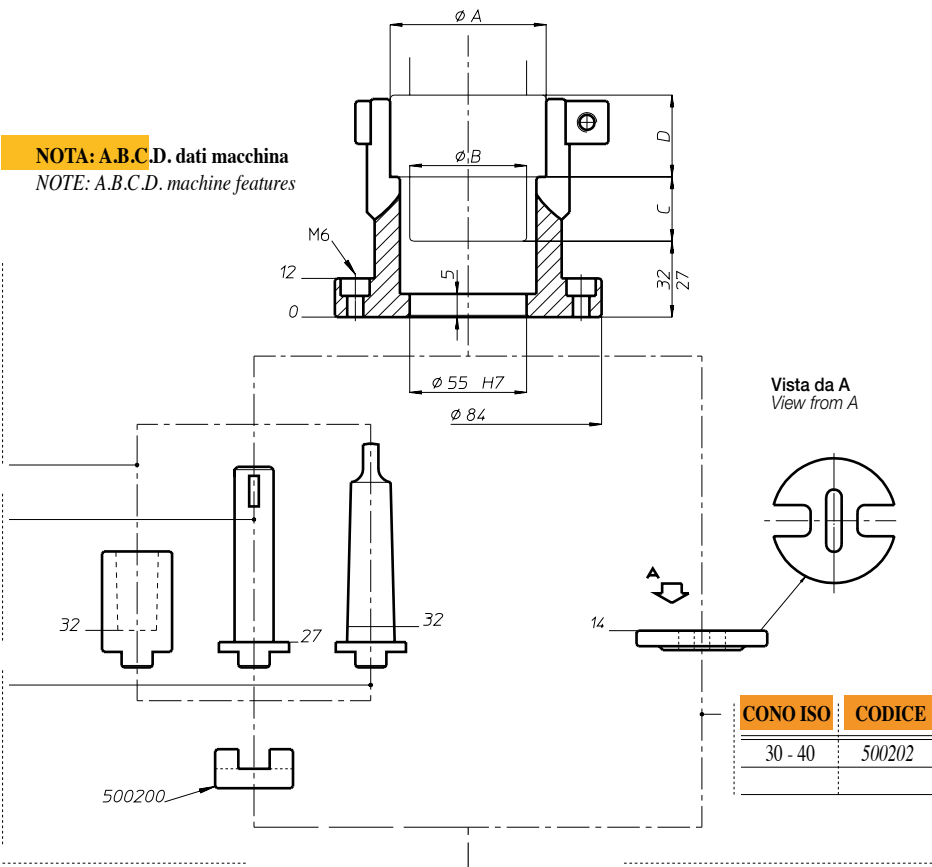
# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

**NOTA: A.B.C.D. dati macchina**  
**NOTE: A.B.C.D. machine features**

DIN 238	CODICE
B 10	011277
B 12	011278
B 16	011279
B 18	011280
B 22	011281
B 24	011282

DIN 55058	CODICE
16	525405
20	525406
28	525407
36	525408

DIN 228	CODICE
CM 1	011115
CM 2	011120
CM 3	011125
CM 4	011130
CM 5	011135



**ACCESSORI PER  
 TESTE MULTIPLE  
 MULTISPINDLE  
 HEADS ACCESSORIES**

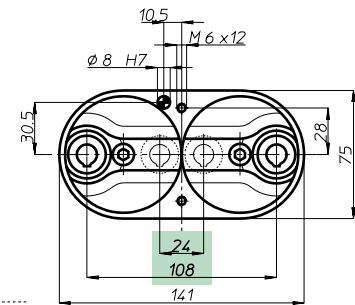
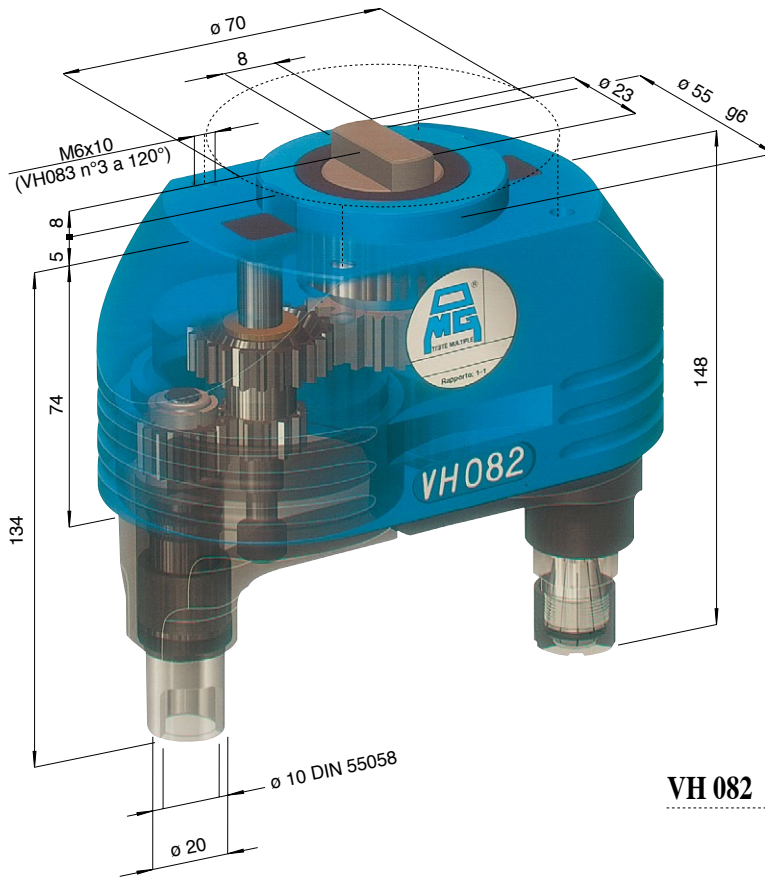
*Teste multiple ad assi variabili - Variable axis heads*



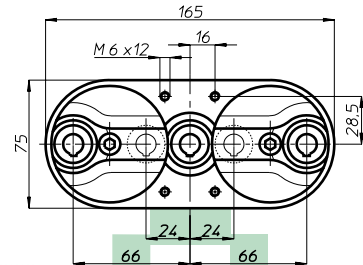
**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi 10$

**VH**

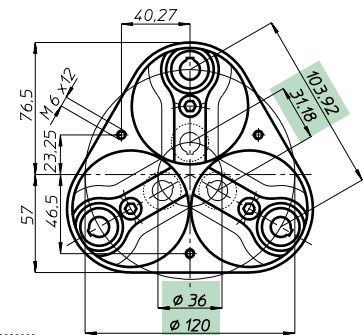
**modello 08**



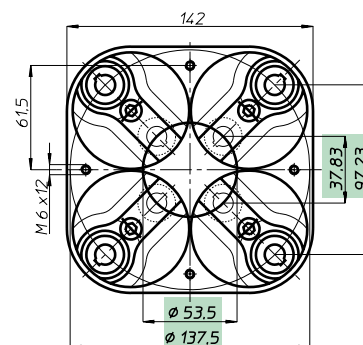
**VH 082**



**VH 083 L**



**VH 083**



**VH 084**

Testa modello Head type	VH 082	VH 083 L	VH 083	VH 084
Articolo Item	VH 082 P	VH 083 LP	VH 083 P	VH 084 P
Attacco utensile Spindle type	ER 16 - max $\phi 10$			
Articolo Item	VH 082 D	VH 083 LD	VH 083 D	VH 084 D
Attacco utensile Spindle type	DIN 55058 - $\phi 10$			
N. mandrini Spindles nr.	2	3	3	4
Campo di lavoro min.	24	24 + 24	$\phi 36$	$\phi 53,5$
Centre distances max.	108	66 + 66	$\phi 120$	$\phi 137,5$
Capacità foratura	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi 8$			
Drilling capacity	Ghisa GG25 - $\phi 10$			
Maschiatura Tapping	M 6			
Rapporto Ratio	1 - 1			
Velocità RPM	4.000			
Peso Weight	Kg. 2,2	2,9	3,4	4,6

Teste multiple ad assi variabili • Variable axis heads

BAH

TA-CP

TA

MO

HT

VH

TSI/TSX

T

MT-TC-TC3

Accessori  
Accessories

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# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

NOTA: A.B.C.D. dati macchina  
NOTE: A.B.C.D. machine features

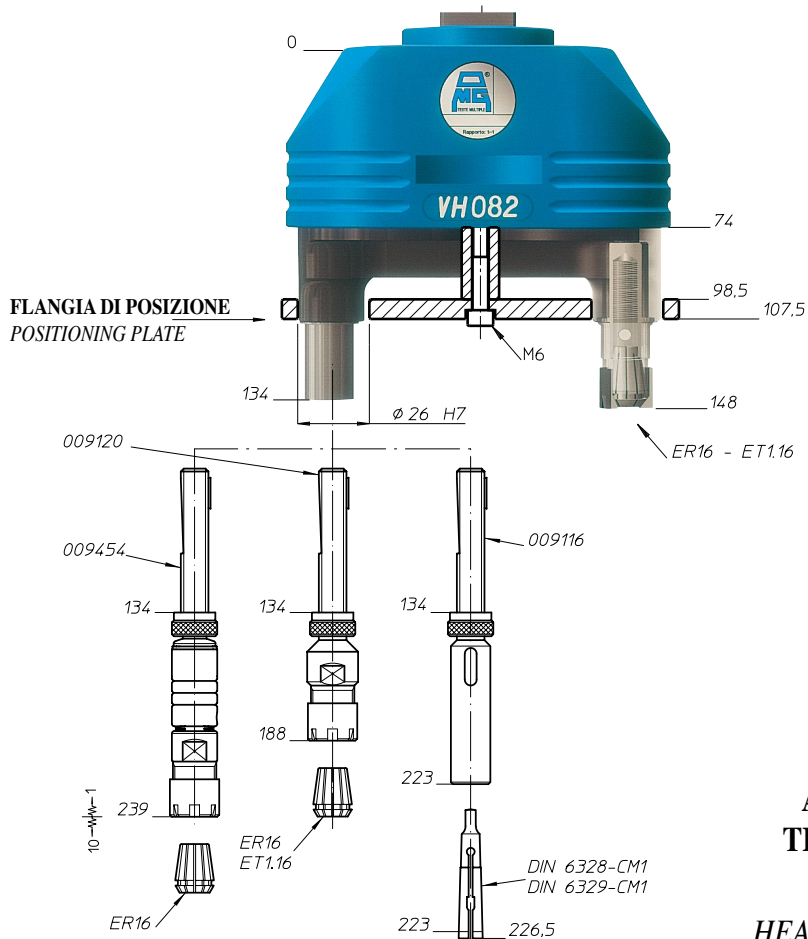
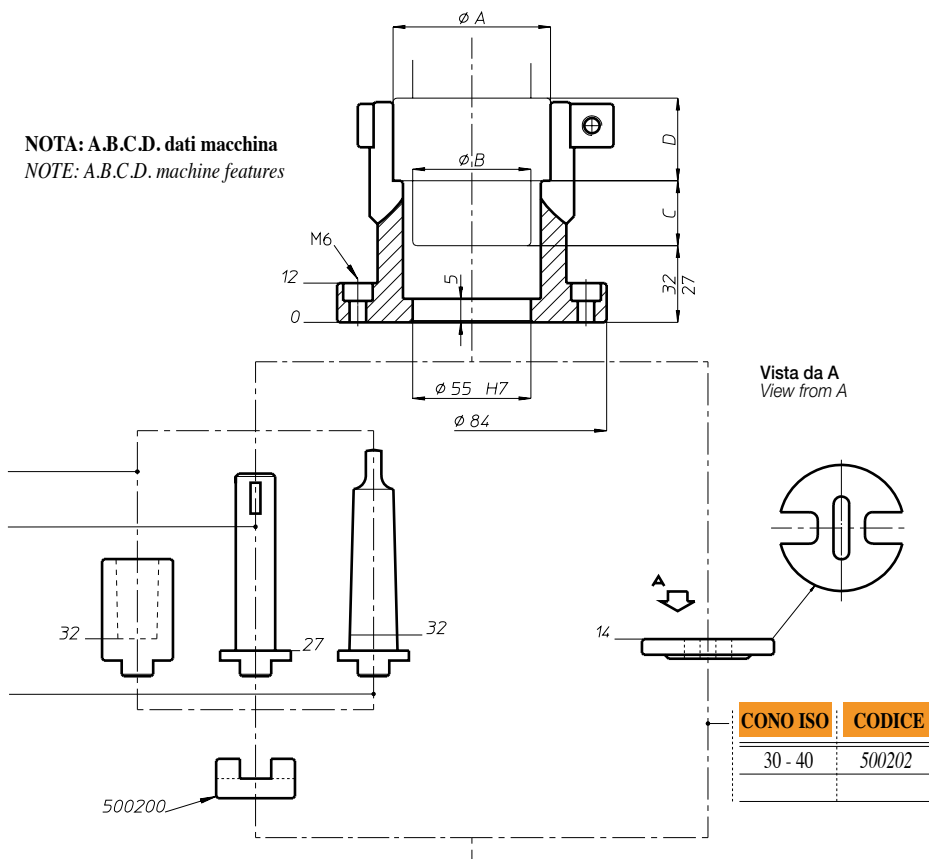
DIN 238	CODICE
B 10	011277
B 12	011278
B 16	011279
B 18	011280
B 22	011281
B 24	011282

DIN 55058	CODICE
16	525405
20	525406
28	525407
36	525408

DIN 228	CODICE
CM 1	011115
CM 2	011120
CM 3	011125
CM 4	011130
CM 5	011135



**ACCESSORI PER  
TESTE MULTIPLE**  
**MULTISPINDLE  
HEADS ACCESSORIES**

*Teste multiple ad assi variabili - Variable axis heads*

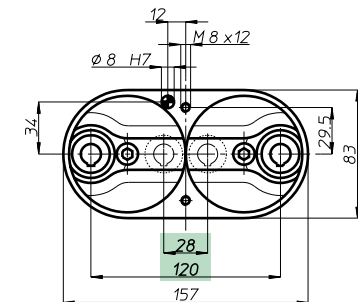
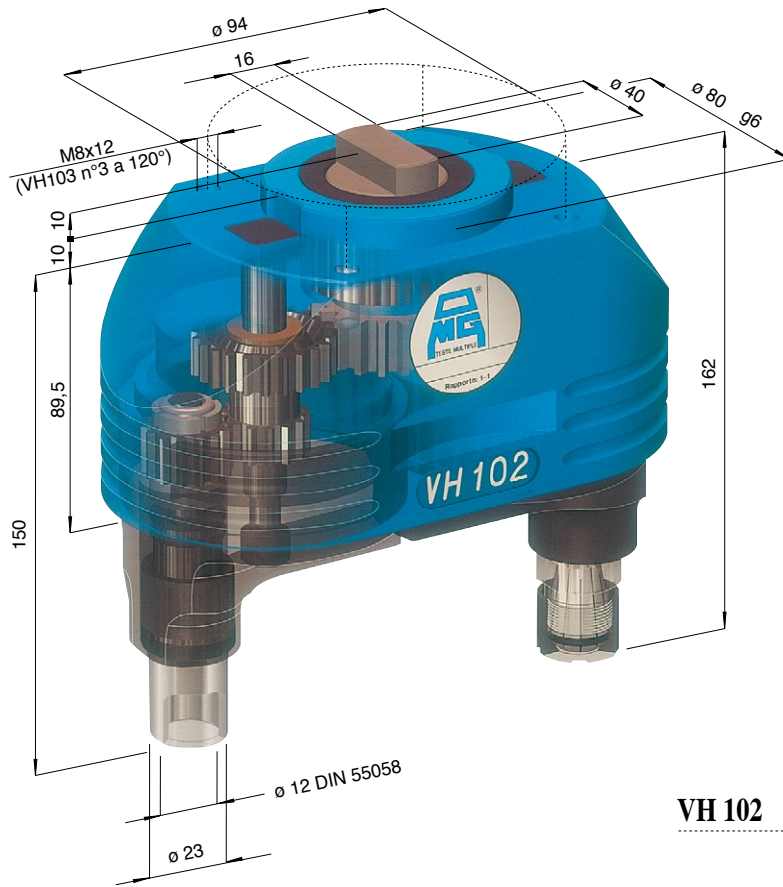


BAH  
TA.CP  
TA  
MO  
HT  
VH  
TSI/TSX  
T  
MT-TC-TC3  
Accessori  
Accessories  
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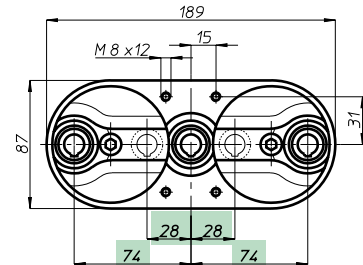
**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi$  12

**VH**

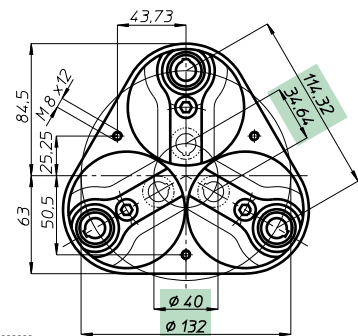
**modello 10**



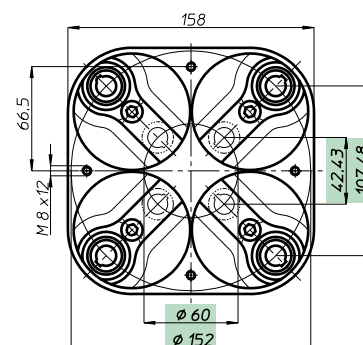
**VH 102**



**VH 103 L**



**VH 103**



**VH 104**

Testa modello Head type	VH 102	VH 103 L	VH 103	VH 104
Articolo Item	VH 102 P	VH 103 LP	VH 103 P	VH 104 P
Attacco utensile Spindle type	ER 16 - max $\phi$ 10			
Articolo Item	VH 102 D	VH 103 LD	VH 103 D	VH 104 D
Attacco utensile Spindle type	DIN 55058 - $\phi$ 12			
N. mandrini Spindles nr.	2	3	3	4
Campo di lavoro min.	28	28 + 28	$\phi$ 40	$\phi$ 60
Centre distances max.	120	74 + 74	$\phi$ 132	$\phi$ 152
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi$ 10			
Maschiatura Tapping	Ghisa GG25 - $\phi$ 12			
Rapporto Ratio	M 8			
Velocità RPM	1 - 1			
Peso Weight	3,5	4,9	4,9	7,2

Teste multiple ad assi variabili • Variable axis heads

BAH

TA-CP

TA

MO

HT

VH

TSI/TSX

T

MT-TC-TC3

Accessori  
Accessories

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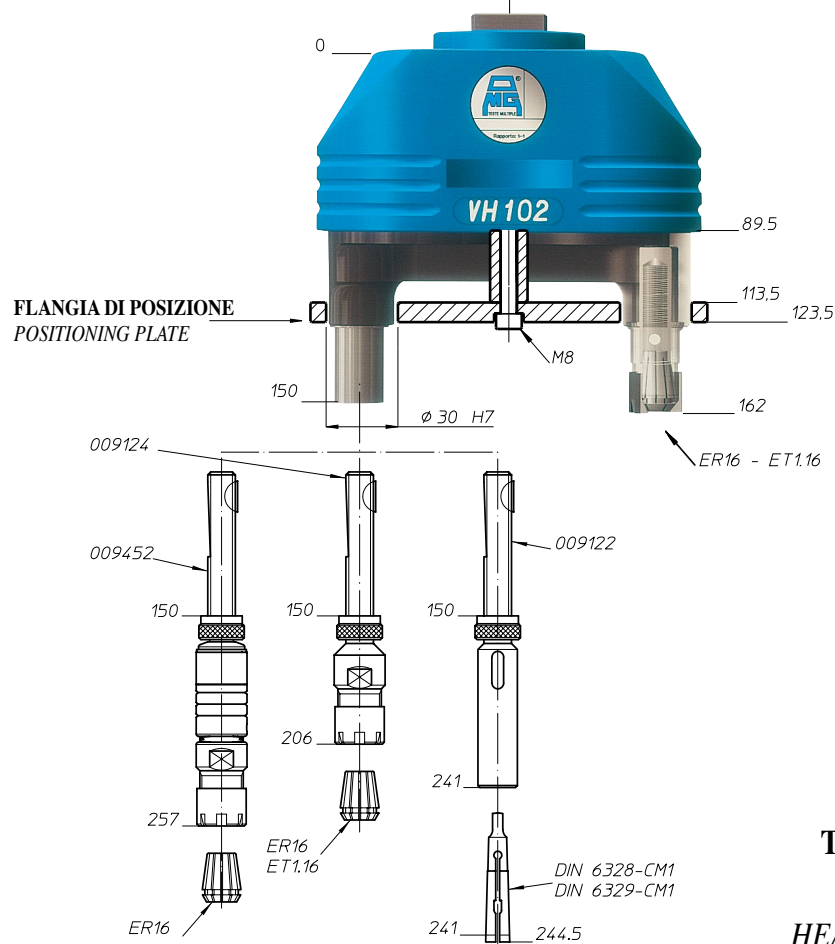
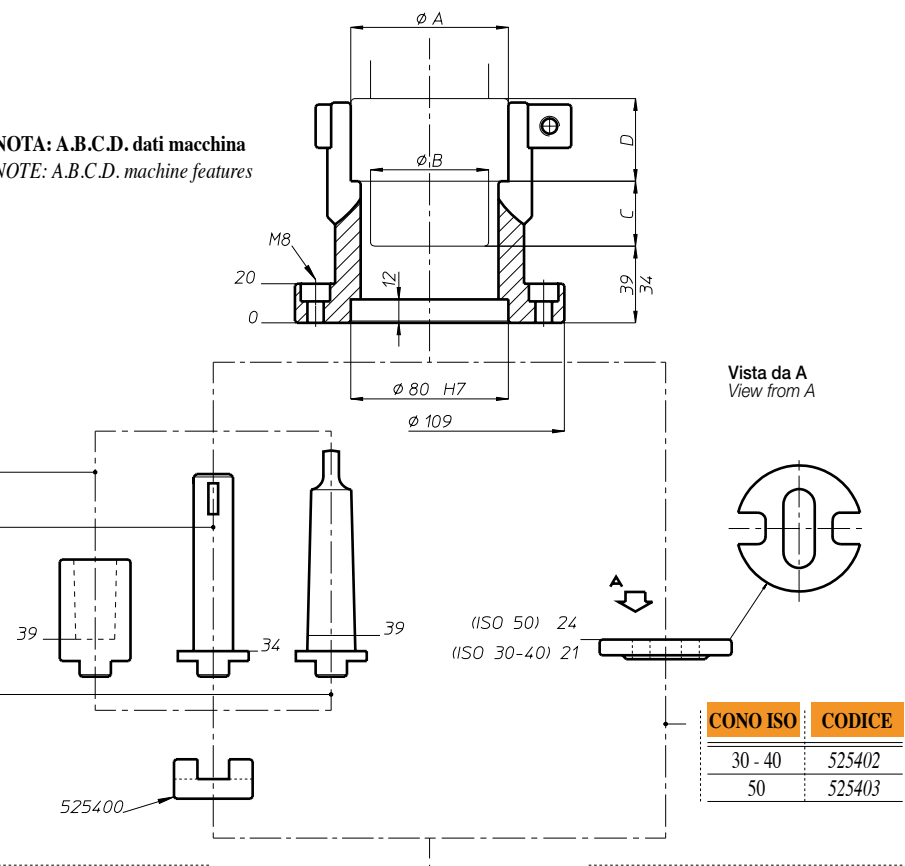
# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

NOTA: A.B.C.D. dati macchina  
NOTE: A.B.C.D. machine features

DIN 238	CODICE
B 10	011277
B 12	011278
B 16	011279
B 18	011280
B 22	011281
B 24	011282

DIN 55058	CODICE
16	525405
20	525406
28	525407
36	525408

DIN 228	CODICE
CM 1	011115
CM 2	011120
CM 3	011125
CM 4	011130
CM 5	011135



**ACCESSORI PER  
TESTE MULTIPLE**  
**MULTISPINDLE  
HEADS ACCESSORIES**

*Teste multiple ad assi variabili - Variable axis heads*

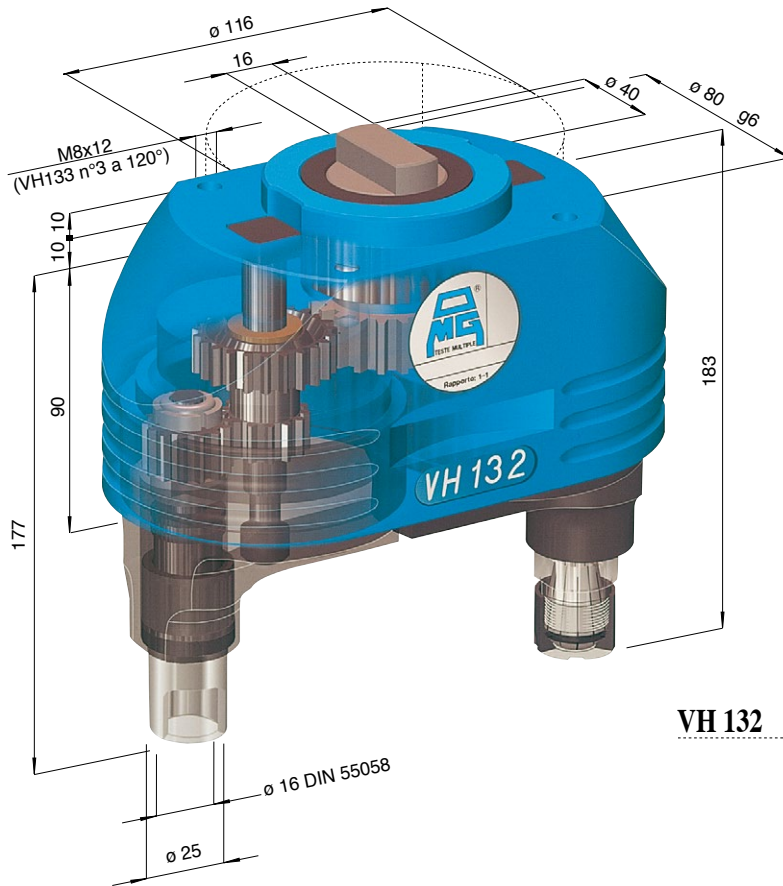


**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi 14$

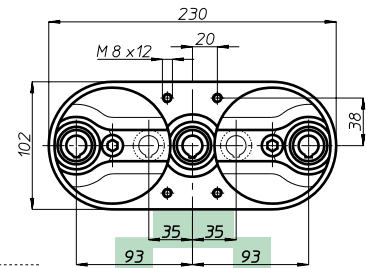
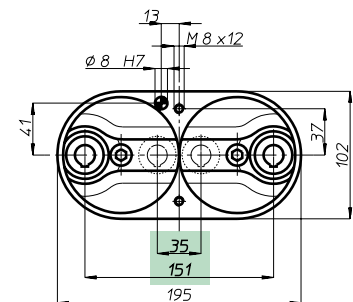
**VH**

**modello 13**

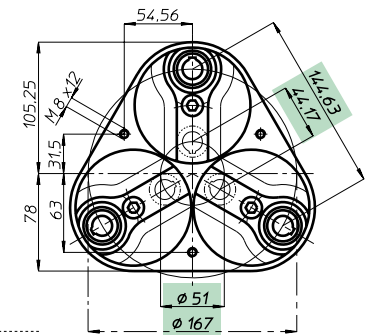
Teste multiple ad assi variabili • Variable axis heads



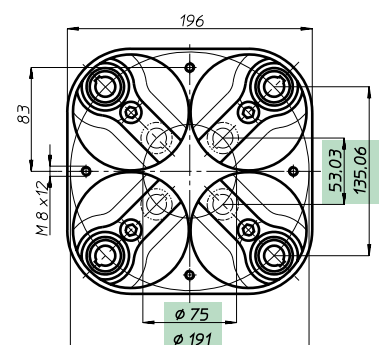
VH 132



VH 133 L



VH 133



VH 134

Testa modello Head type	VH 132	VH 133 L	VH 133	VH 134	
Articolo Item	VH 132 P	VH 133 LP	VH 133 P	VH 134 P	
Attacco utensile Spindle type	ER 20 - max $\phi 13$				
Articolo Item	VH 132 D	VH 133 LD	VH 133 D	VH 134 D	
Attacco utensile Spindle type	DIN 55058 - $\phi 16$				
N. mandrini Spindles nr.	2	3	3	4	
Campo di lavoro min.	35	35 + 35	$\phi 51$	$\phi 75$	
Centre distances max.	151	93 + 93	$\phi 167$	$\phi 191$	
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi 13$				
Maschiatura Tapping	Ghisa GG25 - $\phi 14$				
Rapporto Ratio	M 12				
Velocità RPM	1 - 1				
Peso Weight	3.000				
	Kg.	5,3	7,2	7	10,8



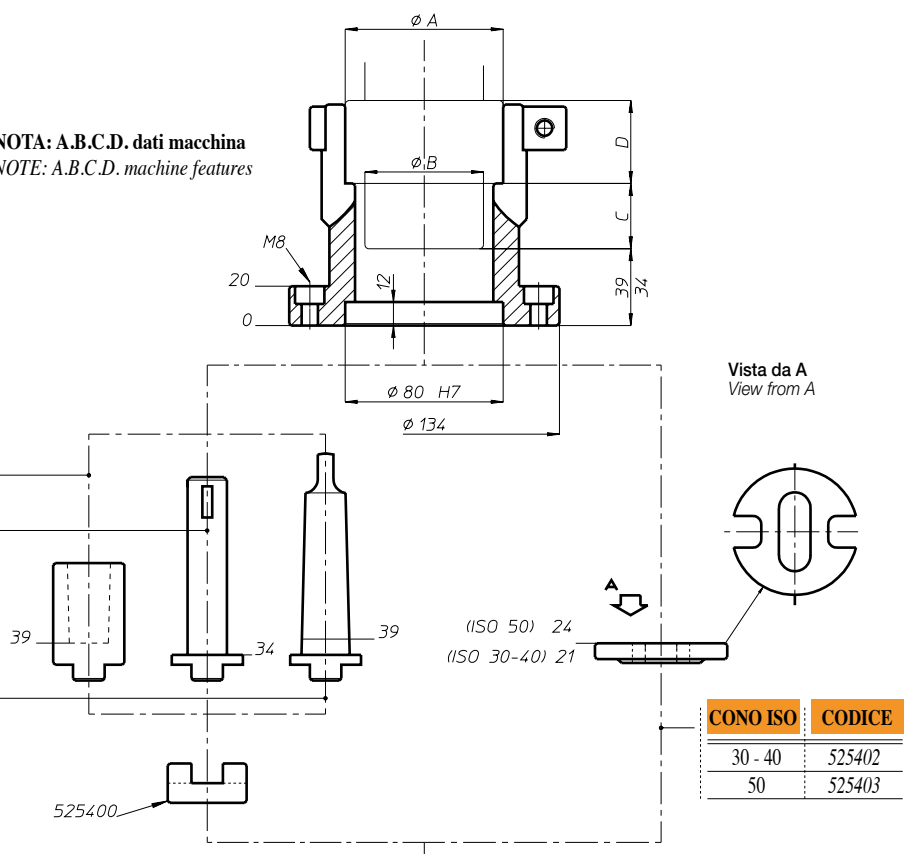
# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

NOTA: A.B.C.D. dati macchina  
NOTE: A.B.C.D. machine features

DIN 238	CODICE
B 16	011279
B 18	011280
B 22	011281
B 24	011282

DIN 55058	CODICE
16	525405
20	525406
28	525407
36	525408

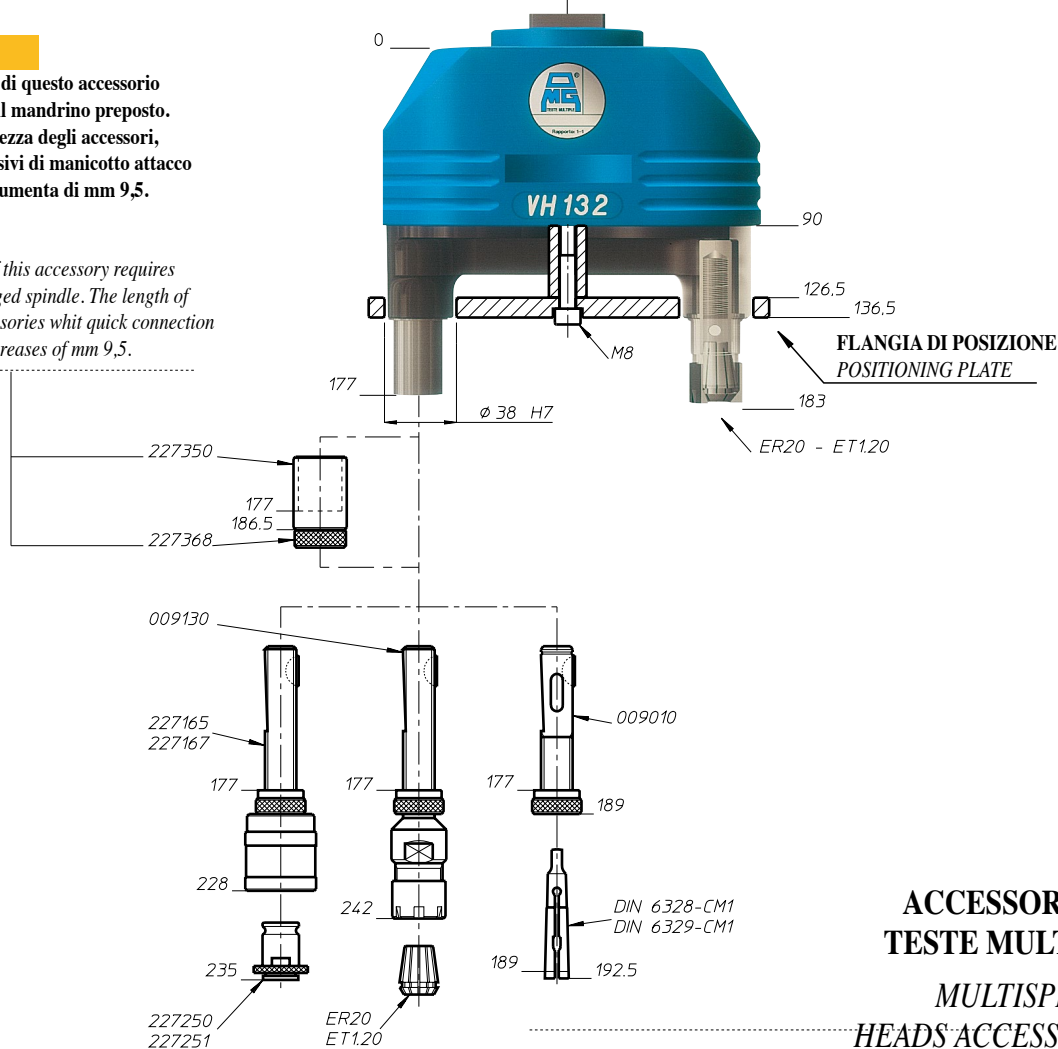
DIN 228	CODICE
CM 2	011120
CM 3	011125
CM 4	011130
CM 5	011135



## NOTA:

l'utilizzo di questo accessorio richiede il mandrino preposto. La lunghezza degli accessori, comprensivi di manicotto attacco rapido, aumenta di mm 9,5.

NOTE:  
the use of this accessory requires prearranged spindle. The length of this accessories whit quick connection sleeve increases of mm 9,5.



## ACCESSORI PER TESTE MULTIPLE

MULTISPINDLE HEADS ACCESSORIES

Teste multiple ad assi variabili • Variable axis heads





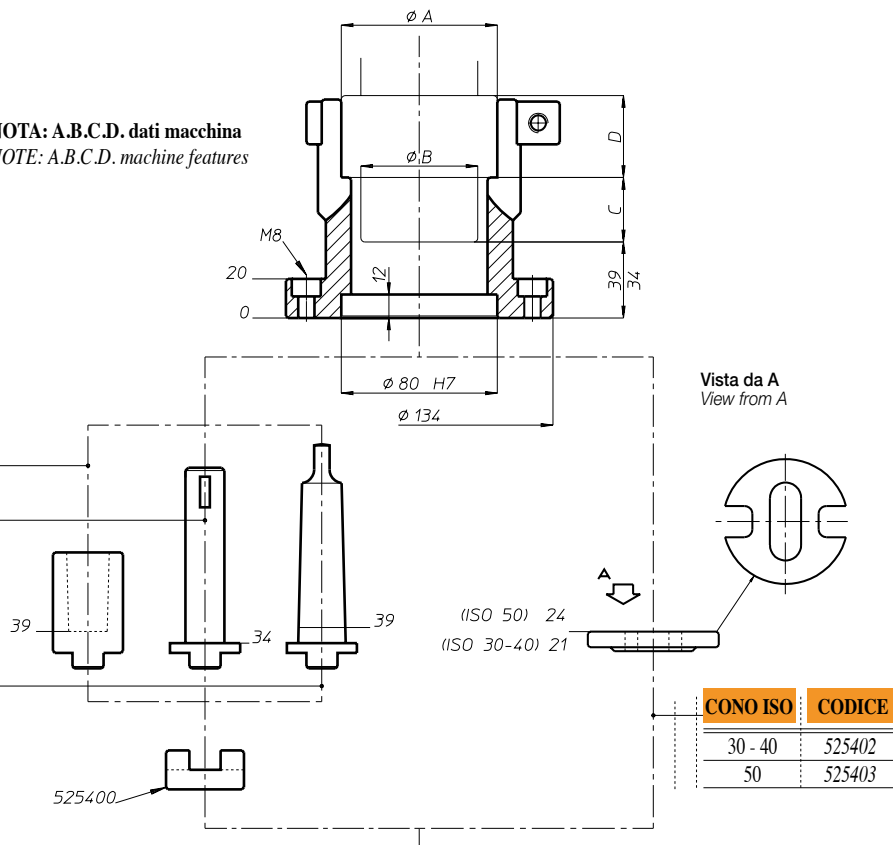
# MANICOTTO DI COLLEGAMENTO - CONNECTION COLLAR

NOTA: A.B.C.D. dati macchina  
NOTE: A.B.C.D. machine features

DIN 238	CODICE
B 16	011279
B 18	011280
B 22	011281
B 24	011282

DIN 55058	CODICE
16	525405
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28	525407
36	525408

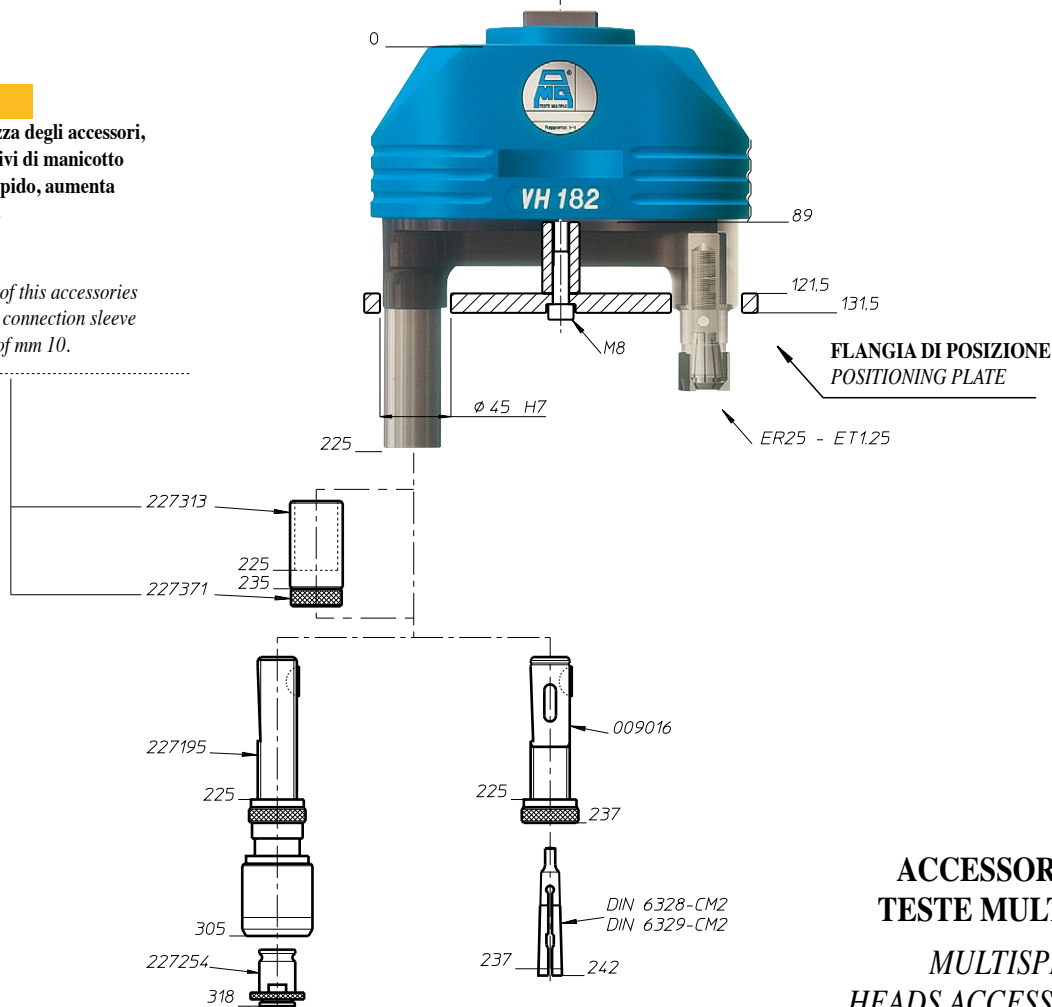
DIN 228	CODICE
CM 3	011125
CM 4	011130
CM 5	011135



**NOTA:**

la lunghezza degli accessori, comprensivi di manicotto attacco rapido, aumenta di mm 10.

NOTE:  
the length of this accessories whit quick connection sleeve increases of mm 10.



**ACCESSORI PER  
TESTE MULTIPLE  
MULTISPINDLE  
HEADS ACCESSORIES**

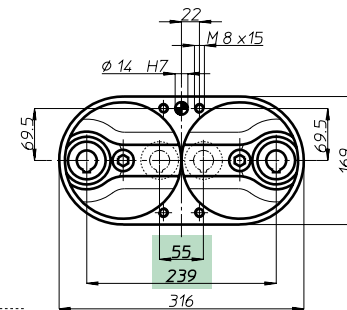
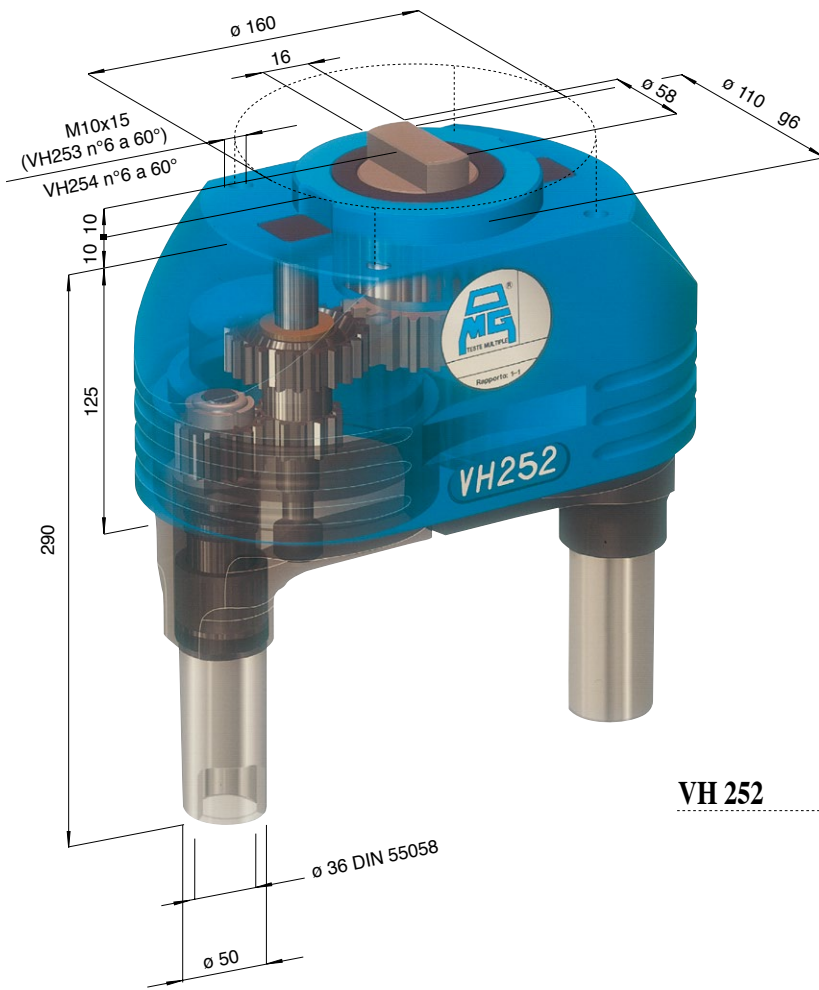
Teste multiple ad assi variabili - Variable axis heads



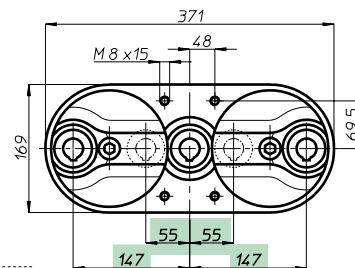
**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi 28$

**VH**

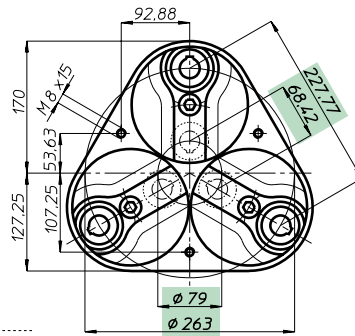
**modello 25**



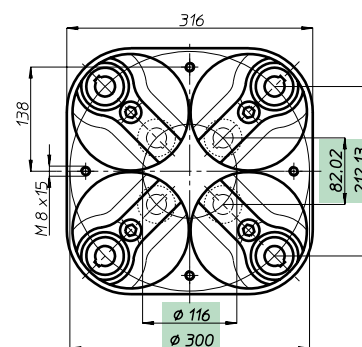
**VH 252**



**VH 253 L**



**VH 253**



**VH 254**

Testa modello Head type	VH 252	VH 253 L	VH 253	VH 254
Articolo Item				
Attacco utensile Spindle type	DIN 55058 - $\phi 36$			
Articolo Item	VH 252 D	VH 253 LD	VH 253 D	VH 254 D
Attacco utensile Spindle type	DIN 55058 - $\phi 36$			
N. mandrini Spindles nr.	2	3	3	4
Campo di lavoro min.	55	55 + 55	$\phi 79$	$\phi 116$
Centre distances max.	239	147 + 147	$\phi 263$	$\phi 300$
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi 25$ Ghisa GG25 - $\phi 28$			
Maschiatura Tapping	M 20			
Rapporto Ratio	1 - 1			
Velocità RPM	2.000			
Peso Weight	Kg. 27	32	39,5	52

Teste multiple ad assi variabili • Variable axis heads

BAH

TA-CP

TA

MO

HT

VH

TSI/TSX

T

MT-TC-TC3

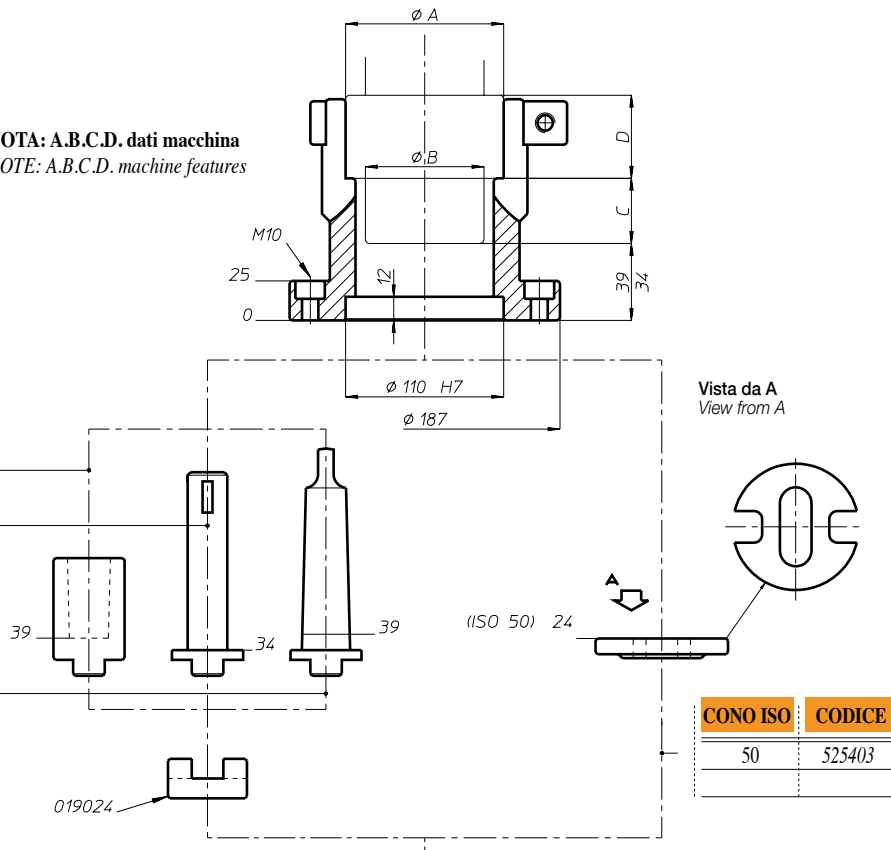
Accessori  
Accessories

Appendice tecnica  
Technical supplement



NOTA: A.B.C.D. dati macchina  
NOTE: A.B.C.D. machine features

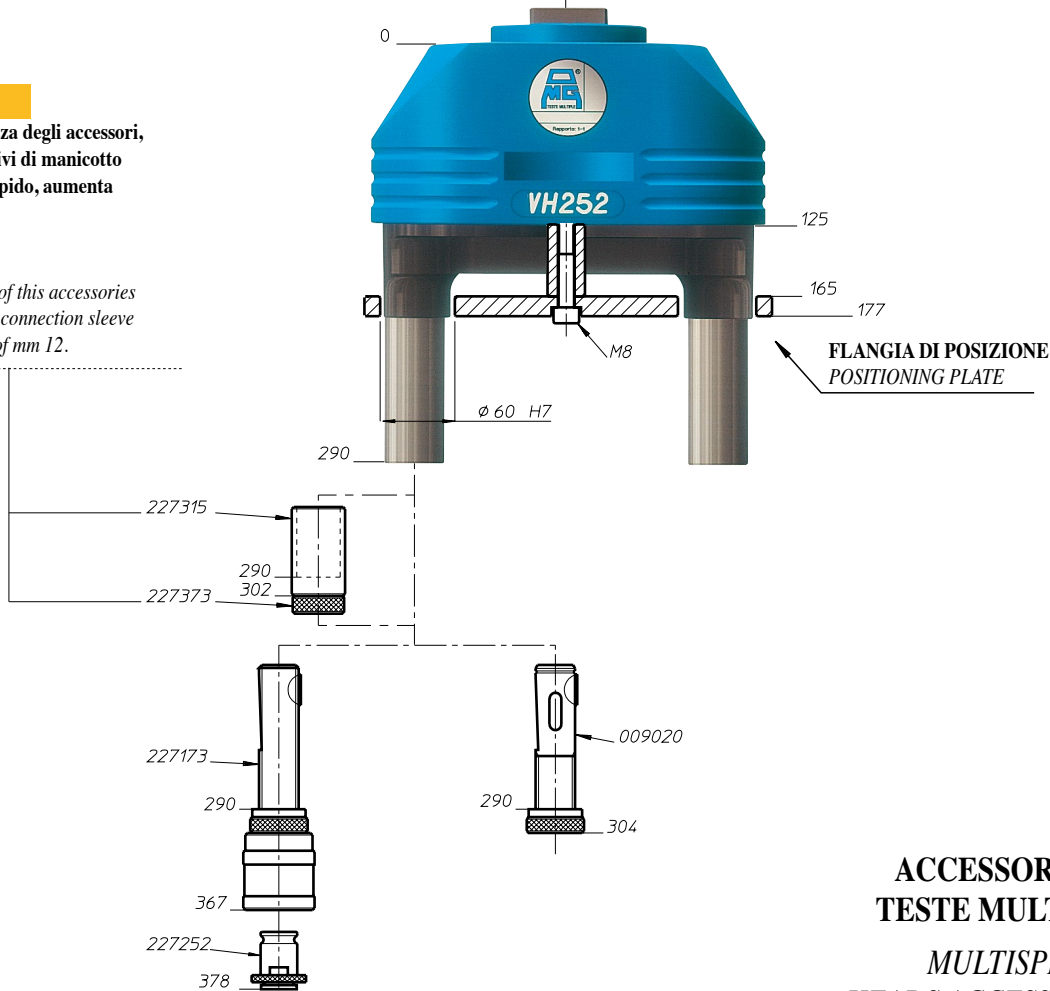
DIN 238	CODICE
B 18	011280
B 22	011281
B 24	011282
DIN 55058	CODICE
16	525405
20	525406
28	525407
36	525408
DIN 228	CODICE
CM 3	011125
CM 4	011130
CM 5	011135



**NOTA:**

la lunghezza degli accessori, comprensivi di manicotto attacco rapido, aumenta di mm 12.

NOTE:  
the length of this accessories whit quick connection sleeve increases of mm 12.



**ACCESSORI PER  
TESTE MULTIPLE  
MULTISPINDLE  
HEADS ACCESSORIES**

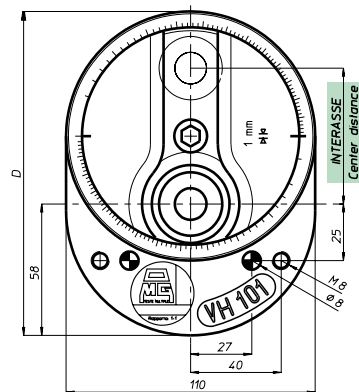
Teste multiple ad assi variabili • Variable axis heads



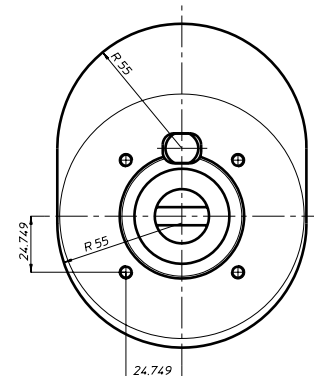
**CAPACITA' FORATURA**  
**DRILLING CAPACITY**  $\phi$  12

**VH**

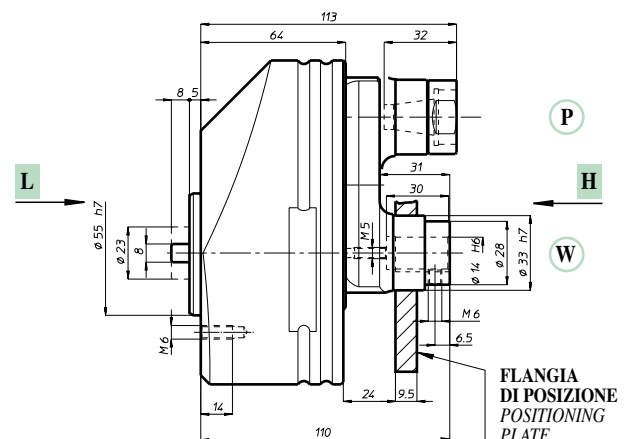
**modello 101**



VISTA VIEW H



VISTA VIEW L



FLANGIA DI POSIZIONE  
POSITIONING PLATE

Testa modello Head type	<b>VH 101</b>	
Articolo Item	VH 101 P	
Attacco utensile Spindle type	ER16 - max $\phi$ 10	
Articolo Item	VH 101 W14	
Attacco utensile Spindle type	$\phi$ 14	
N. mandrini Spindles nr.	1	
Campo di lavoro min. Centre distances min.	0	
Campo di lavoro max. Centre distances max.	60	
D	143	
Capacità foratura Drilling capacity	Acciaio Rm 500 N/mm <sup>2</sup> - $\phi$ 10 Ghisa GG25 - $\phi$ 12	
Maschiatura Tapping	M 10	
Rapporto Ratio	1 - 1	
Velocità RPM	3.000	
Peso Weight	Kg. 2,8	

Teste multiple ad assi variabili • Variable axis heads

BAH

TA-CP

TA

MO

HT

**VH**

TSI/TSX

T

MT-TC-TC3

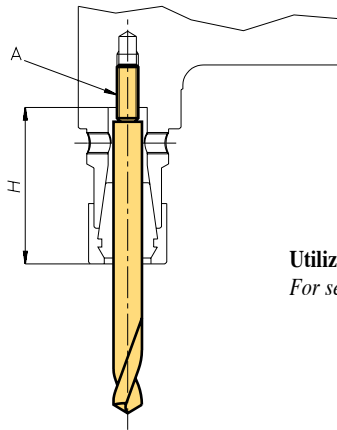
Accessori  
Accessories

Appendice tecnica  
Technical supplement





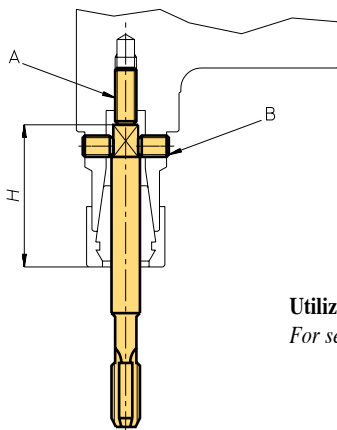


**FORATURA CON PINZE ER**  
**DRILLING WITH ER COLLETS**

Testa Head	VH 04	VH 06	VH 08	VH 10	VH 13	VH 18
H max	23	27	44	44	52	49

NOTA: nella testa VH04 e VH06 la vite A non è presente  
NOTE: in the head VH04 and VH06 there isn't the screw A

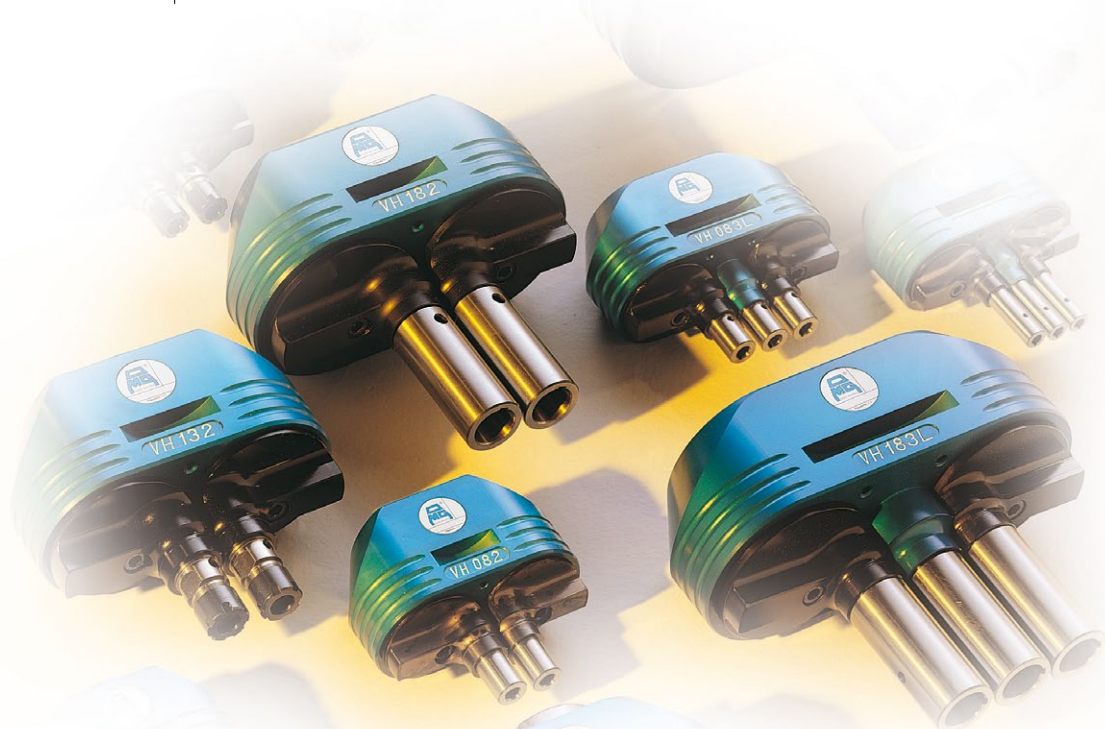
Utilizzare la vite A sinistra per registrare l'altezza utensile  
For setting the tool length, use the left screw A

**MASCHIATURA CON PINZE ER**  
**TAPPING WITH ER COLLETS**

Testa Head	VH 04	VH 06	VH 08	VH 10	VH 13	VH 18
H max	23	27	38	38	44	49

NOTA: nella testa VH04 e VH06 la vite A non è presente  
NOTE: in the head VH04 and VH06 there isn't the screw A

Utilizzare la vite A per registrare l'altezza utensile e le viti B per bloccare il quadro del maschio  
For setting the tool length, use the screw A; locking the tap square with the screws B



<b>VH 042 LP</b>	n° 2 mandrini a pinza, min. 24 max. 84	<i>2 spindles for spring collets min. 24 max. 84</i>
<b>VH 042P R. 1-2</b>	n° 2 mandrini a pinza, min. 12 max. 72 rapp. 1-2	<i>2 spindles for spring collets min. 12 max. 72 ratio 1-2</i>
<b>VH 062 LP</b>	n° 2 mandrini a pinza, min. 35 max. 111	<i>2 spindles for spring collets min. 35 max. 111</i>
<b>VH 062 LD</b>	n° 2 mandrini DIN 55058-8 min. 35 max. 111	<i>2 spindles DIN 55058-8 min. 35 max. 111</i>
<b>VH 062/1</b>	n° 1 mandrino a pinza, min. 8,5 max. 46,5	<i>1 spindle for spring collets min. 8,5 max. 46,5</i>
<b>VH 062P R.1-2</b>	n° 2 mandrini a pinza min. 17 max. 93 rapp. 1-2, 067	<i>2 spindles for spring collets min. 17 max. 93 ratio 1-2,067</i>
<b>VH 062P CNC40</b>	n° 2 mandrini a pinza min. 17 max. 93 completa di cono ISO 40	<i>2 spindles for spring collets min. 17 max. 93 with shank ISO 40</i>
<b>VH 063P CNC40</b>	n° 3 mandrini a 120° a pinza min. 27 max. 103 completa di cono ISO 40	<i>3 spindles at 120° for spring collets min. 27 max. 103 with shank ISO 40</i>
<b>VH 064P CNC40</b>	n° 4 mandrini a 90° a pinza min. 41 max. 117 completa di cono ISO 40	<i>4 spindles at 90° for spring collets min. 41 max. 117 with shank ISO 40</i>
<b>VH 064/3P</b>	n° 3 mandrini a pinza min. 41 max. 117	<i>3 spindles for spring collets min. 41 max. 117</i>
<b>VH 081 P</b>	n° 1 mandrino a pinza min. 0 max. 42	<i>1 spindle for spring collets min. 0 max. 42</i>
<b>VH 082 LP</b>	n° 2 mandrini a pinza min. 48 max. 132	<i>2 spindles for spring collets min. 48 max. 132</i>
<b>VH 082 LD</b>	n° 2 mandrini DIN 55058 - 10 min. 48 max. 132	<i>2 spindles DIN 55058 - 10 min. 48 max. 132</i>
<b>VH 082 P R. 1-2</b>	n° 2 mandrini a pinza min. 24 max. 108 rapp. 1-2	<i>2 spindles for spring collets min. 24 max. 108 ratio 1-2</i>
<b>VH 082P CNC 40</b>	n° 2 mandrini a pinza min. 24 max. 108 completa di cono ISO 40	<i>2 spindles for spring collets min. 24 max. 108 with shank ISO 40</i>
<b>VH 082PFM</b>	n° 2 mandrini a pinza min. 24 max. 108 fora/maschia	<i>2 spindles for spring collets min. 24 max. 108 drilling and tapping</i>
<b>VH 083 LP CNC40</b>	n° 3 mandrini in linea a pinza min. 24+24 max. 66+66 completa di cono ISO 40	<i>3 spindles on line for spring collets min. 24+24 max. 66+66 with shank ISO 40</i>
<b>VH 084P CNC 40</b>	n° 4 mandrini a pinza min. 53,5 max. 137,5 completa di cono ISO 40	<i>4 spindles for spring collets min. 53,5 max. 137,5 with shank ISO 40</i>
<b>VH 084/3P</b>	n° 3 mandrini a pinza min. 53,5 max. 137,5	<i>3 spindles for spring collets min. 53,5 max. 137,5</i>
<b>VH 102 LP</b>	n° 2 mandrini a pinza min. 56 max. 148	<i>2 spindles for spring collets min. 56 max. 148</i>
<b>VH 102 LD</b>	n° 2 mandrini DIN 55058-12 min. 56 max. 148	<i>2 spindles DIN 55058-12 min. 56 max. 148</i>
<b>VH 102 P CNC 40</b>	n° 2 mandrini a pinza min. 28 max. 120 completa di cono ISO 40	<i>2 spindles for spring collets min. 28 max. 120 with shank ISO 40</i>
<b>VH 102P R. 1-2</b>	n° 2 mandrini a pinza min. 28 max. 120 rapporto 1-2	<i>2 spindles for spring collets min. 28 max. 120 ratio 1-2</i>
<b>VH 102 PFM</b>	n° 2 mandrini a pinza min. 28 max. 120 fora/maschia	<i>2 spindles for spring collets min. 28 max. 120 drilling and tapping</i>
<b>VH 102-220 P</b>	n° 2 mandrini a pinza min. 128 max. 220	<i>2 spindles for spring collets min. 128 max. 220</i>
<b>VH 102-300 P</b>	n° 2 mandrini a pinza min. 208 max. 300	<i>2 spindles for spring collets min. 208 max. 300</i>
<b>VH 104D R.1-2</b>	n° 4 mandrini a 90° DIN 55058-12 min. 60 max. 152 rapp. 1-2	<i>4 spindles at 90° DIN 55058-12 min. 60 max. 152 ratio 1-2</i>
<b>VH 104P CNC50</b>	n° 4 mandrini a 90° a pinza min. 60 max. 152 completa di cono ISO 50	<i>4 spindles at 90° for spring collets min. 60 max. 152 with shank ISO 50</i>
<b>VH 132 LP</b>	n° 2 mandrini a pinza min. 70 max. 186	<i>2 spindles for spring collets min. 70 max. 186</i>
<b>VH 132 LD</b>	n° 2 mandrini DIN 55058-16 min. 70 max. 186	<i>2 spindles DIN55058-16 min. 70 max. 186</i>
<b>VH 132D CNC50</b>	n° 2 mandrini DIN 55058-16 min. 35 max. 151 completa di cono ISO 50	<i>2 spindles DIN55058-16 min. 35 max. 151 with shank ISO 50</i>
<b>VH 132P CNC50</b>	n° 2 mandrini a pinza min. 35 max. 151 completa di cono ISO 50	<i>2 spindles for spring collets min. 35 max. 151 with shank ISO 50</i>
<b>VH 132 W12</b>	n° 2 mandrini foro cilindrico diam. 12 min. 35 max. 151	<i>2 spindles diam. 12 min. 35 max. 151</i>
<b>VH 132-260 D</b>	n° 2 mandrini DIN 55058-16 min. 144 max. 260	<i>2 spindles DIN 55058-16 min. 144 max. 260</i>
<b>VH 134P CNC50</b>	n° 4 mandrini a 90° a pinza, min. 75 max. 191 completa di cono ISO 50	<i>4 spindles at 90° for spring collets, min. 75 max. 191 with shank ISO 50</i>
<b>VH 181 R 1-2</b>	n° 1 mandrino diam. 16 min. 16,5 max. 82,5 rapp. 1-2	<i>1 spindle diam. 16, min. 16,5 max. 82,5 ratio 1-2</i>
<b>VH 182 LP</b>	n° 2 mandrini a pinza, min. 82 max. 214	<i>2 spindles for spring collets, min. 82 max. 214</i>
<b>VH 182 LD</b>	n° 2 mandrini DIN 55058-28 min. 82 max. 214	<i>2 spindles DIN 55058-28 min. 82 max. 214</i>
<b>VH 182 W16</b>	n° 2 mandrini foro cilindrico diam. 16 min. 41 max. 173	<i>2 spindles diam 16, min. 41 max. 173</i>
<b>VH 182 P CNC 50</b>	n° 2 mandrini a pinza, min. 41 max. 173 completa di cono ISO 50	<i>2 spindles for spring collets, min. 41 max. 173 with shank ISO 50</i>
<b>VH 182 P R.1-2</b>	n° 2 mandrini a pinza, min. 41 max. 173 173 rapp. 1-2	<i>2 spindles for spring collets, min. 41 max. 173 ratio 1-2</i>
<b>VH 182D R. 1-2</b>	n° 2 mandrini DIN 55058-28 min. 41 max. 173 rapp. 1-2	<i>2 spindles DIN 55058-28, min. 41 max. 173 ratio 1-2</i>
<b>VH 183 L W16</b>	n° 3 mandrini foro cilindrico diam. 16 min. 41+41 max. 107+107	<i>3 spindles diam.16 min. 41+41 max. 107+107</i>
<b>VH 252 LD</b>	n° 2 mandrini DIN 55058-36 min. 110 max. 294	<i>2 spindles DIN 55058-36, min. 110 max. 294</i>

# Teste multiple ad assi variabili • Variable axis heads

*galleria  
fotografica*

