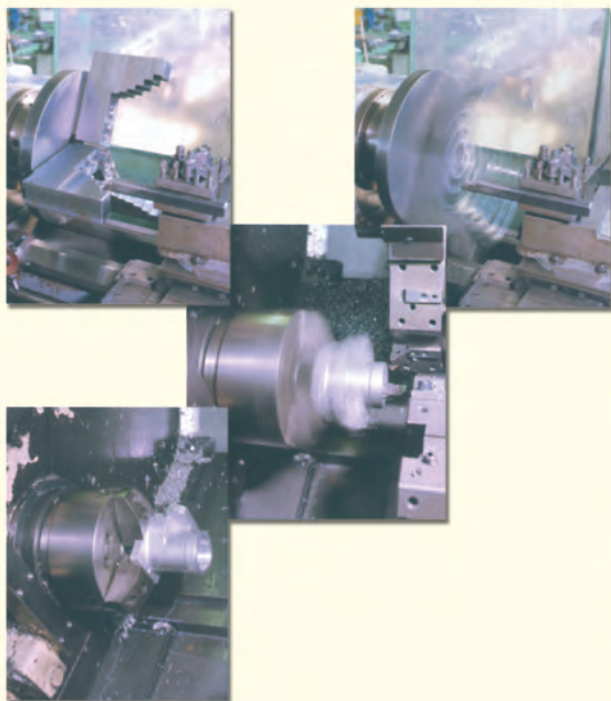


Qualità, Capacità Operativa ed Esperienza

Quality, Executive Capacity and Experience



La ditta MARIANI opera nel settore metalmeccanico della Macchina utensile dal 1974.

Forte della sua esperienza e della qualità del suo prodotto, ritiene di potere soddisfare nel migliore dei modi le esigenze dei suoi Clienti, sia per la fornitura dei particolari standard sia per la realizzazione dei morsetti speciali teneri e temprati.

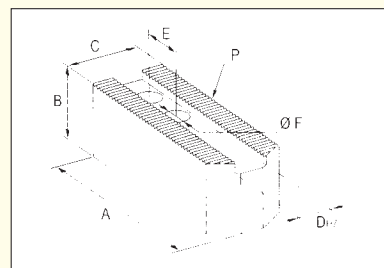
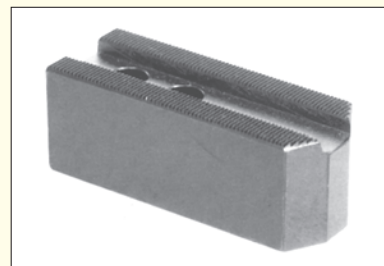
The MARIANI firm has been working in the metalmechanical industry of the Machine tool since 1974.

Its great experience and the high quality of its products make it sure to do its best to satisfy its Customers, both for the supply of mass-produced articles and for the manufacturing of soft and hard jaws.

MORSETTI STANDARD

STANDARD JAWS

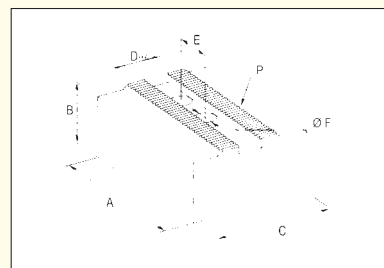
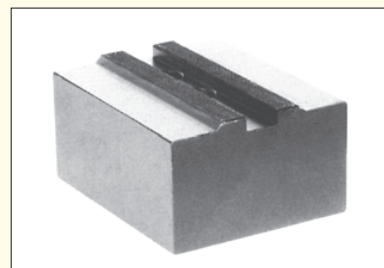
Ø autocentrante	A	B	C	D _{H7}	E	Ø F	P
125-130	60	30	30	12	16	9	1/16"x90°
165-170	70	35	35	14	16,5	11	
180	80	35	35	14	16,5	11	
200	90	40	40	14	20	11	
200-210	90	40	40	17	23	13	
225	105	40	40	17	23	13	
250	110	45	45	21	30	17	
250	110	50	50	21	30	17	
315	125	50	50	21	30	17	
400	140	60	60	21	34	17	3/32"x90°
400	140	60	60	25,5	38	21	
500-610	170	60	60	28	38	21	
500-610	160	60	60	25,5	38	21	
610-800	170	75	75	28	38	21	
610-800	160	75	75	25,5	38	21	



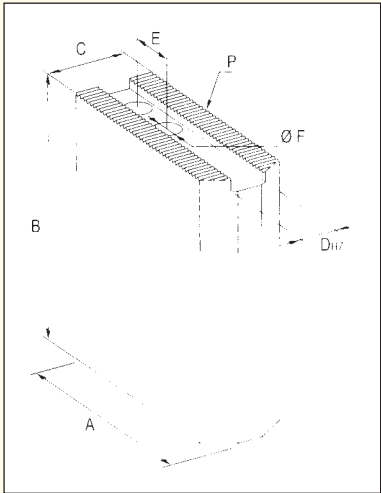
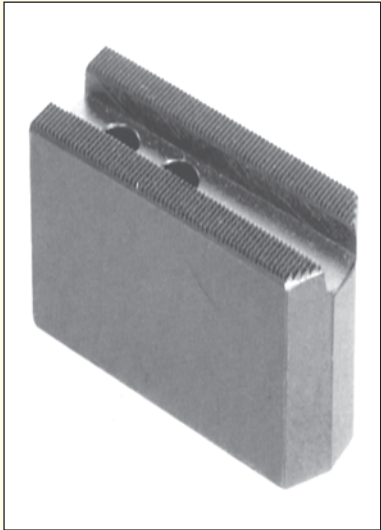
MORSETTI LARGHI

WIDTH JAWS

Ø autocentrante	A	B	C	D _{H7}	E	Ø F	P
165-175	70	35	50	14	15,5	11	1/16"x90°
200-210	90	50	50	17	23		
200-210	90	60	60	17	23	13	
200-210	90	40	60	17	23		
250-315	125	50	80	21	30		
250-315	125	80	80	21	30	17	
250-315	125	100	100	21	30		



MORSETTI ALTI
HEIGHT JAWS

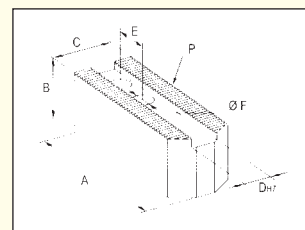
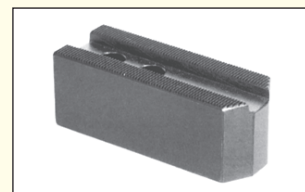


Ø autocentrante	A	B	C	DH7	E	P
125-130	60	40	30	12	16	1/16"x90°
125-130	60	50	30	12	16	
125-130	60	60	30	12	16	
165-170	70	60	35	14	16,5	
165-170	70	80	35	14	16,5	
165-170	70	100	35	14	16,5	
180	80	50	35	14	16,5	
180	80	60	35	14	16,5	
180	80	80	35	14	16,5	
180	80	100	35	14	16,5	
200-210	90	60	40	17	23	
200-210	90	80	40	17	23	
200-210	90	100	40	17	23	
200-210	90	120	40	17	23	
225	105	60	40	17	23	
225	105	80	40	17	23	
225	105	100	40	17	23	
225	105	120	40	17	23	
250	110	60	50	21	30	
250	110	70	50	21	30	
250	110	80	50	21	30	
250	110	100	50	21	30	
250	110	120	50	21	30	
315	140	60	50	21	30	
315	125	70	50	21	30	
315	125	80	50	21	30	
315	125	100	50	21	30	
315	125	120	50	21	30	
315	125	150	50	21	30	
400	140	80	60	21	34	3/32"x90°
400	140	120	60	21	34	
400	140	150	60	21	34	
400-500-630	160	80	60	25,5	38	
400-500-800	160	100	60	25,5	38	
400-500-800	160	120	60	25,5	38	
400-500-800	160	150	60	25,5	38	
500-630-800	170	80	60	28	38	
500-630-800	170	100	60	28	38	
500-630-800	170	120	60	28	38	
500-630-800	170	150	60	28	38	

MORSETTI LUNGI

LENGHT JAWS

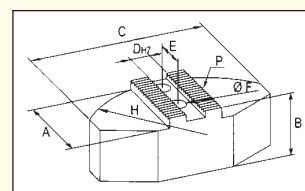
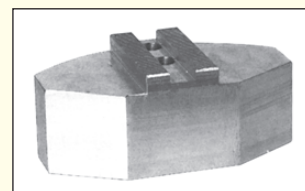
Ø autocentrante	A	B	C	DH7	E	P
125-130	80	35	35	12	16,5	1/16"x90°
200-210	105	40	40	17	23	
200-210	140	40	40	17	23	
250-315	140	50	50	21	30	
250-315	160	50	50	21	30	
250-315	180	50	50	21	30	
250-315	200	50	50	21	30	
400	160	60	60	21	34	
400	180	60	60	21	34	
400	200	60	60	21	34	
500-680-700	230	75	75	28	38	3/32"x90°
500-680-800	230	75	75	25,5	38	



MORSETTI AVVOLGENTI IN ALLUMINIO E ACCIAIO

WINDER JAWS ALUMINIUM AND STEEL

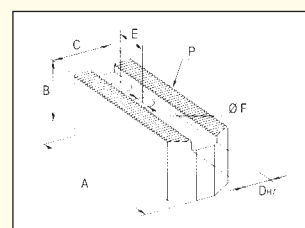
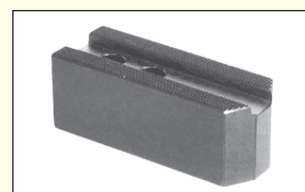
MATERIALE	Ø autocentrante	A	B	C	DH7	E	Ø F	Ø H	P
ACCIAIO	165-170	60	40	120	14	16,5	11	165	1/16"x90°
ALLUMINIO		60	49	120	14	16,5	11	165	
ACCIAIO	200-210	70	50	140	17	23	13	210	
ALLUMINIO		75	59	140	17	23	13	210	
ACCIAIO	250	80	60	180	21	30	17	250	
ALLUMINIO		90	78	180	21	30	17	250	
ACCIAIO	315	100	60	240	21	30	17	315	
ALLUMINIO		110	78	240	21	30	17	315	



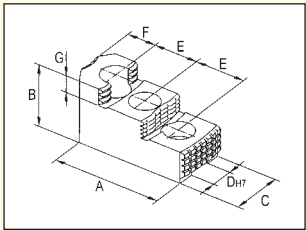
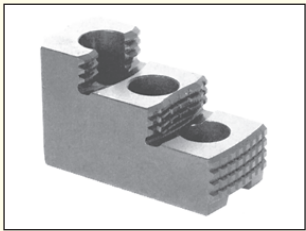
MORSETTI CON DENTATURA METRICA P=1,5x60°

STANDARD JAWS SERRATION P=1,5x60°

Ø autocentrante	A	B	C	DH7	E	Ø F	P
125-130-140	60	30	30	12	16	9	1,5x60°
165-170	72	30	30	12	20	11	
165-170	70	35	35	14	16,5	11	
210	95	35	35	14	25	13	
210	90	40	40	17	23	13	
250	110	40	40	16	30	13	
250	110	50	50	21	30	17	
305-315	125	50	50	21	30	17	
400	140	60	60	21	34	17	



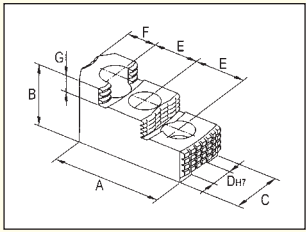
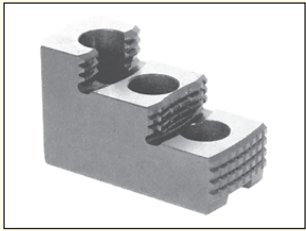
MORSETTI TEMPRATI REVERSIBILI
HARD REVERSIBLE JAWS STEP TYPE



Ø autocentrante	A	B	C	DH7	E	F	G	P
125-130	58	34	30	12	16	13	8,5	1/16"x90°
165-175-180	65	39	34	14	16,5	18	10	
200	75	45	40	17	23	19	10,5	
250-315	105	56	45	21	30	26	13,5	
400	120	73	55	21	30	30	22	
500-630	140	75	60	25,5*	38	38	19	3/32"x90°
800	145	75	70	25,5*	38	45	32	

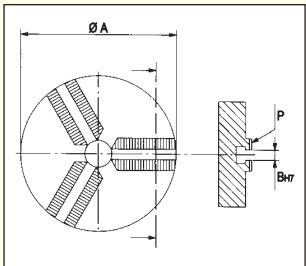
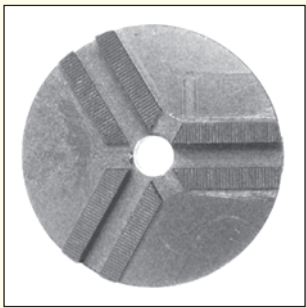
*Questi morsetti temprati reversibili possono essere forniti anche con la quota DH7=28mm.

MORSETTI TEMPRATI REVERSIBILI P=1,5x60°
HARD REVERSIBLE JAWS STEP TYPE P=1,5x60°



Ø autocentrante	A	B	C	DH7	E	F	G	P
125-130	58	34	30	12	16	13	8,5	1,5x60°
165-170	67	39	34	12	20	14	10	
210	86	45	40	14	25	19	10,5	
250	100	56	45	16	30	23	15,5	
315	105	56	45	21	30	26	13,5	
400	145	73	55	25,5	38	46	32	
400	140	75	60	22	38	38	19	

FLANGIA PER TORNITURA MORSETTI FUORI MACCHINA
JAWS ROUCHING AND TURNING FLANGE



Ø flangia	A	BH7	P
125	125	12	1/16"x90°
200	200	14	
210	210	17	
250	250	21	
315	315	21	

AUTOBLOK-SMW

GRIFFE TEMPRATE PER PEZZI GREZZI
HARD JAMS FOR CLAMPING FOUGH PART

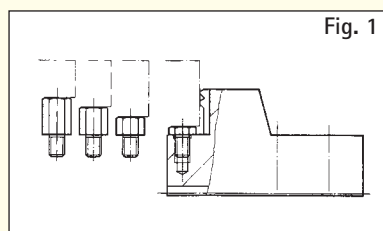


Fig. 1

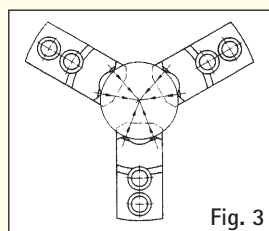


Fig. 3

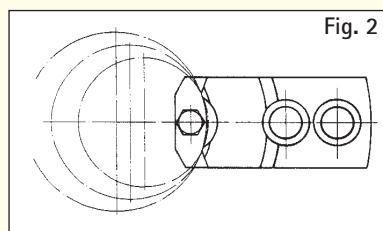
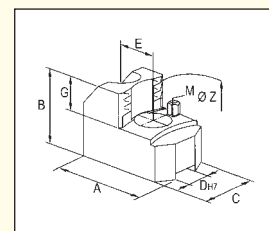
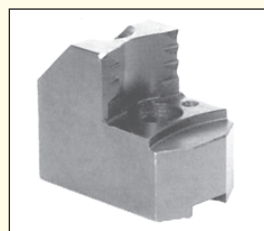


Fig. 2

- Fig. 1 -
Esempio di bloccaggio con possibilità di regolazione dell'altezza di presa mediante gli appoggi
Different clamping depths on the same set of jaws through exchangeable workpiece stops

- Fig. 2 -
Esempio di bloccaggio di una griffa su vari diametri
Only one set necessary to cover a large clamping range

- Fig. 3 -
Esempio di assoluta sicurezza di presa grazie al serraggio in sei punti
Absolute safety, via the concentric angle of the jaw teeth



AUTOBLOK-SMW Ø 165

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
30-50	65	40	35	14	16,5	11-18		25	
50-70	63	40	35						
70-90	58	49	35						
90-110	58	52	40				1/16"x90°		M 6
110-130	63	52	40						
130-150	66	54	40						
150-170	78	54	40						

AUTOBLOK-SMW Ø 200-210

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
30-60	85	48	35	17	23	13-19	1/16"x90	25	6 MA
60-90	80	48	40						6 MA
90-120	68	50	40						6 MA
120-150	65	56	40						6 MA
150-180	70	58	40						6 MA
170-230	80	58	50						M 8

AUTOBLOK-SMW Ø 250

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
40-70	105	48	45	21	30	17-25	1/16"x90	25	M 6
70-120	90	50	45						M 8
120-170	75	58	50						
170-230	85	58	60						
200-280	108	65	60					30	M 10



CAMPO DI BLOCCAGGIO Ø Z	A	B	C	D _{H7}	E	Ø FORI	P	G	M
50-100	125	49	50	21	30	17-25	1/16"x90°	25	M 6
100-150	105	49	50						M 8
150-200	88	65	50					30	M 10
200-250	85	65	60						
250-330	115	68	60						

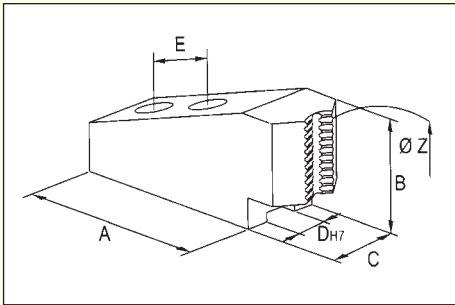
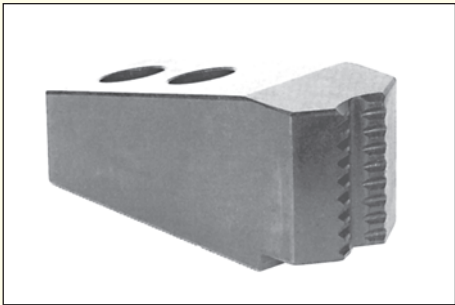
CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
100-190	142	50	50	21	34	17-25	1/16"x90°	30	M 10
190-280	100	59	59						
280-370	110	65	70						
330-450	155	75	80					40	

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
100-175	195	60	60	25,5	38	21-31	3/32"x90°	40	M 8
175-275	163	60	60						M 10
275-375	113	78	80						
375-475	130	85	80					45	
475-550	179	85	90						

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
210-290	195	65	68	25,5	38	21-31	3/32"x90°	40	M 10
290-390	163	65	68						
390-490	120	80	78						
490-590	135	85	78					45	
590-660	180	90	90						

AUTOBLOK-SMW

GRIFFE TEMPRATE PER PRESA PEZZI PICCOLI DIAMETRI
HARD SERRATED GRIPPER BAR FOR CLAMPING ROUGHT PARTS OF SMALL DIAMETERS



AUTOBLOK-SMW Ø 165

AUTOBLOK-SMW Ø 210

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-15	80	40	30	14	16,5	17-25
15-30	70	40	30	14	16,5	11-18

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-15	92	46	35	17	23	13-19
15-35	100	49	40	17	23	13-19

AUTOBLOK-SMW Ø 250

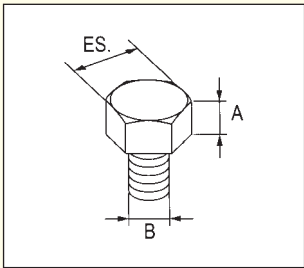
AUTOBLOK-SMW Ø 315

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-20	112	55	45	21	30	17-25
20-45	110	50	45	21	30	17-25

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
5-30	133	57	145	21	30	17,25
30-50	130	57	45	21		17-25

APPOGGI PER GRIFFE TEMPRATE

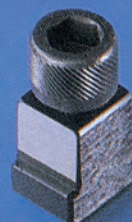
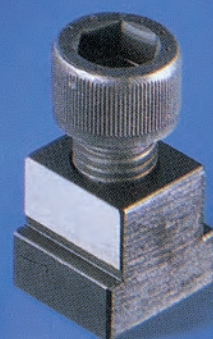
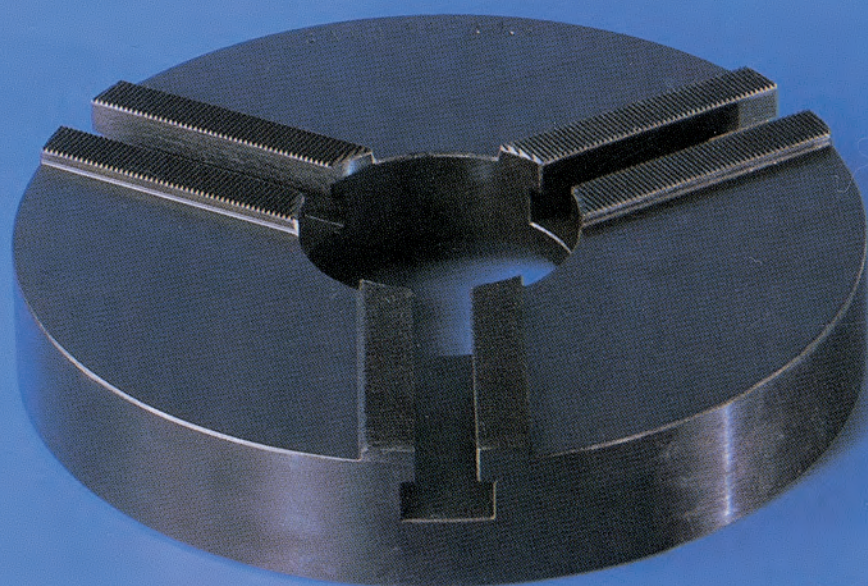
SOFT WORKPIECE STOP FOR GRIPPER JAWS



ES.	A	B
10	5	M 6
	10	
	15	
	20	

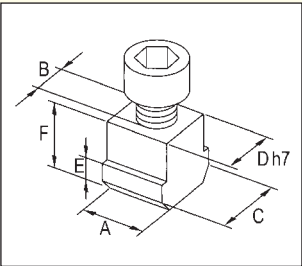
ES.	A	B
12	5	M 8
	10	
	15	
	20	
	25	
	30	

ES.	A	B
17	5	M 10
	10	
	15	
	20	
	25	
	30	



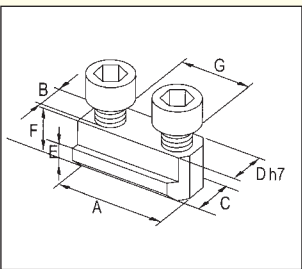
TASSELLO SINGOLO

Ø AUTOCENTRANTE	A	B	D _{H7}	C	E	F
125	14	M 8	12	17	6	15
165-170	18	M 10	14	20	8	20
200-210-220	18	M 12	17	22	8	22
250-315-400	24	M 16	21	29	11	25
500-630	32	M 20	28	35	15	35
800	32		28	40	16	40
400-500-630	30		25,5	35	15	35



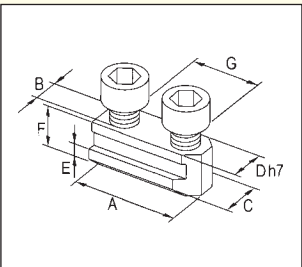
TASSELLO DOPPIO

Ø AUTOCENTR.	A	B	D _{H7}	C	E	F	G
125	30	M 8	12	17	6,5	15	16
165-170	35	M 10	14	20	7,5	20	16
200-210-220	45	M 12	17	22	8	22	23
250-315-400	54	M 16	21	29	11	25	30



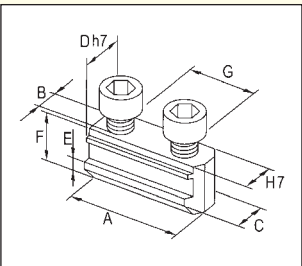
TASSELLO DOPPIO RCD

Ø AUTOCENTR.	A	B	D _{H7}	C	E	F	G
125	32	M 10	12	15	6,5	15	16
165-175	32	M 10	14	17	6	18	16
210	43	M 12	17	19	7	20	23
250-305-315	56	M 16	21	25	10	26,5	30



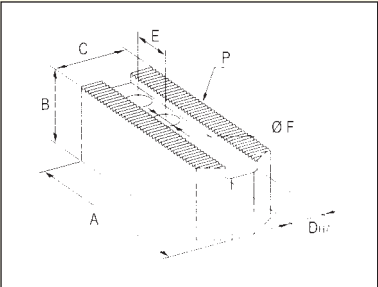
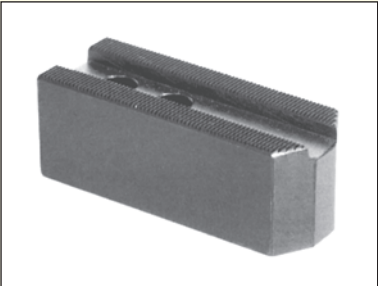
TASSELLO DOPPIO RCD RIBASSATO

Ø AUTOCENTR.	A	B	D _{H7}	C	E	F	G	H ₇
165-175	36	M 10	14	17	6	18	20	12
210	45	M 12	17	19	7	20	25	14
250	56	M 12	21	25	10	26,5	30	16



MORSETTI STANDARD

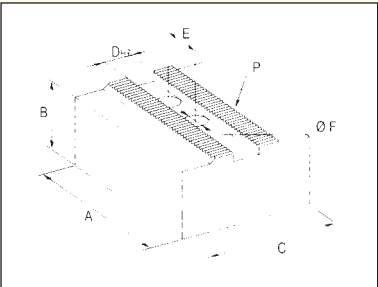
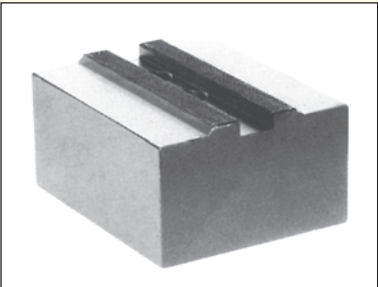
STANDARD JAWS



Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
110 (4")	55	25	25	10	14	8,5	1,5x60°
127 (5")	62	25	25	10	19	8,5	
152 (6")	72	30	30	12	20	11	
203 (8")	95	40	40	14	25	13	
254 (10")	110	40	40	16	30	13	
305 (12")	125	50	50	18	30	15	
305 (12")	125	50	50	21	30	17	
381 (15")	165	60	60	22	43	21	3x60°
381 (15")	165	60	60	25,5	43	21	
457 (18")	180	70	70	25	60	21	

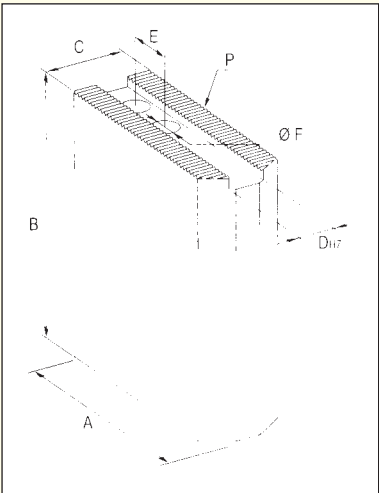
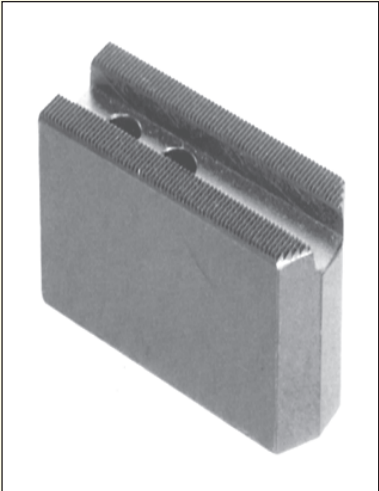
MORSETTI LARGHI

WIOTH JAWS



Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
152 (6")	72	35	35	12	20	11	1,5x60°
152 (6")	72	50	50	12	20	11	
203 (8")	95	40	40	14	25	13	
203 (8")	95	50	50	14	25	13	
203 (8")	95	40	60	14	25	13	
254 (10")	110	45	45	16	30	13	
254 (10")	110	50	50	16	30	13	
254 (10")	110	60	60	16	30	13	
254 (10")	110	40	60	16	30	13	
254 (10")	110	40	80	16	30	13	
305 (12")	125	50	80	18	30	15	
305 (12")	125	50	80	21	30	17	
305 (12")	125	80	80	21	30	17	
305 (12")	125	100	100	21	30	17	

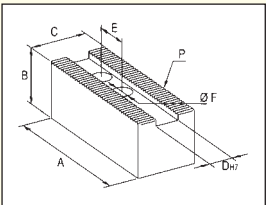
MORSETTI ALTI
HEIGHTS JAWS



Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
110	55	40	25	10	14	8,5	1,5x60°
110	55	50	25	10	14		
110	55	60	25	10	14		
127	60	40	25	10	18		
127	60	50	25	10	18		
127	60	60	25	10	18		
152	72	50	30	12	20	11	
152	72	60	30	12			
152	72	80	30	12			
152	72	100	30	12			
152	72	120	30	12			
203	95	50	40	14	25	13	
203	95	60	40	14			
203	95	80	40	14			
203	95	100	40	14			
203	95	120	40	14			
254	110	50	40	16	30		
254	110	60	40	16			
254	110	80	40	16			
254	110	100	40	16			
254	110	120	40	16			
305	125	60	50	18			
305	125	70	50	18			
305	125	80	50	18			
305	125	100	50	18			
305	125	120	50	18			
305	125	150	50	18			
305	125	60	50	21			
305	125	70	50	21			
305	125	80	50	21			
305	125	100	50	21			
305	125	120	50	21			
305	125	150	50	21			
381	165	80	60	22*	43	21	
381	165	100	60	22*			
381	165	120	60	22*			
381	165	150	60	22*			
457	180	100	70	25	60	21	3x60°
457	180	120	70	25			

*Possono essere forniti anche con la quota DH7=25,5

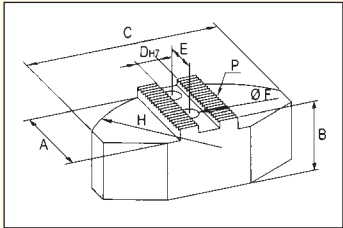
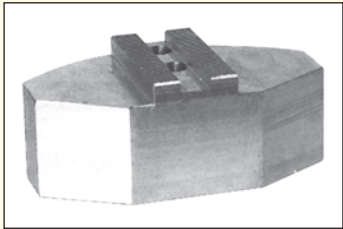
MORSETTI LUNGHI
LENGHT JAWS



Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
152	81	30	30	12	20	11	1,5x60°
203	110	40	40	14	25	13	
203	120	40	40	14			
203	140	40	40	14			
254	130	40	40	16	30		
254	150	40	40	16			
254	200	50	50	16			
305	145	50	50	18			
305	160	50	50	18			
305	180	50	50	18			
305	145	50	50	21			
305	160	50	50	21			
305	180	50	50	21			
305	200	50	50	21			
381	200	70	70	22	43	21	
381	230	70	70	22			

MORSETTI AVVOLGENTI IN ALLUMINIO E ACCIAIO
WINDER JAWS IN ALUMINIUM AND STEEL

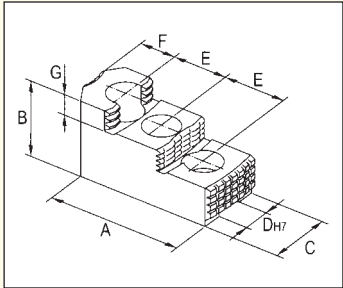
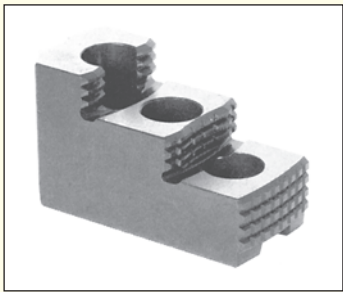
MATERIALE	Ø autocentrante	A	B	C	DH7	E	Ø F	Ø H	P
ACCIAIO	152	60	40	120	12	20	11	165	1,5x60°
ALLUMINIO		60	49	120	12	20	11	165	
ACCIAIO	203	70	50	140	14	25	13	210	
ALLUMINIO		75	59	140	14	25	13	210	
ACCIAIO	254	80	60	180	16	30	13	250	
ALLUMINIO		90	78	180	16	30	13	250	
ACCIAIO	305	100	60	240	21	30	17	315	
ALLUMINIO		110	78	240	21	30	17	315	
ACCIAIO	381	120	60	280	22	43	21	380	
ALLUMINIO		120	78	280	22	43	21	380	



MORSETTI TEMPRATI REVERSIBILI
HARD REVERSIBLE JAMES STEP TYPE

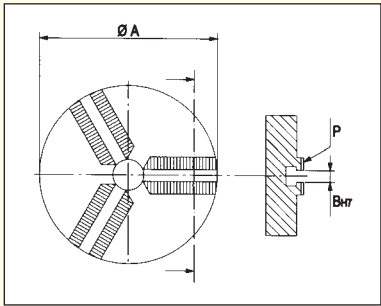
Ø autocentrante	A	B	C	DH7	E	Ø F	P	G
*110-127	53	27,5	23	10	14	9	1,5x60°	10
*152	66,6	36	31	12	20	11		12
203	86	51	35	14	25	13		12
254	99,5	54	40	16	30	13		13
*305	97,5	55	50	18	30	15		17
*305	118	52	50	21	30	17		17
*381	143	86	62	22	43	21		20
*381	149	86	62	25,5	43	21		20
*530	159,5	90	90	25	50	21	3x60°	40

*Questi tipi sono ad un gradino - *These types are to a step



FLANGE PER SAGOMATURA DELLE GRIFFE FUORI MACCHINA
JAWS ROUGHING AND TURNING FLANGE

Ø flangia	A	BH7	P
135	135	10	1,5x60°
165	165	12	
210	210	14	
250	254	16	
300	304	18	
300	304	21	



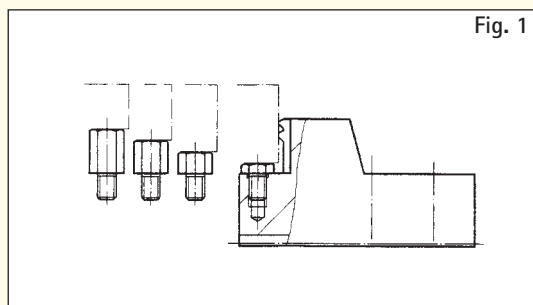


Fig. 1

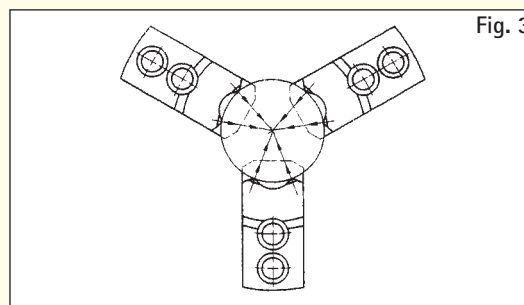


Fig. 3

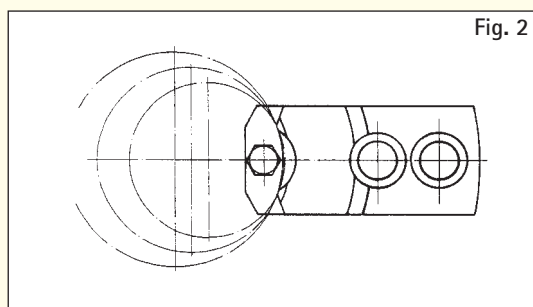


Fig. 2

- Fig. 1 -

Esempio di bloccaggio con possibilità di regolazione dell'altezza di presa mediante gli appoggi

Different clamping depths on the same set of jaws through exchangeable workpiece stops

- Fig. 2 -

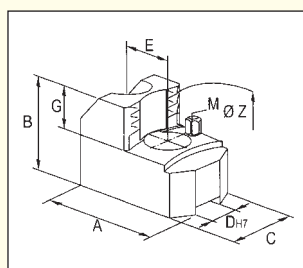
Esempio di bloccaggio di una griffa su vari diametri

Only one set necessary to cover a large clamping range

- Fig. 3 -

Esempio di assoluta sicurezza di presa grazie al serraggio in sei punti

Absolute safety, via the concentric angle of the jaw teeth

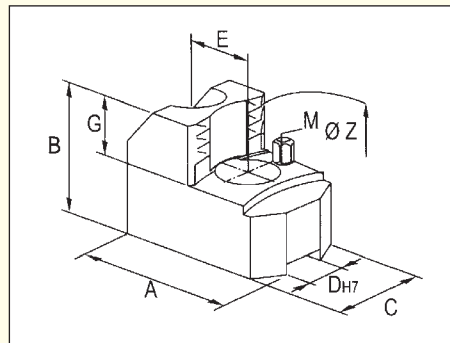
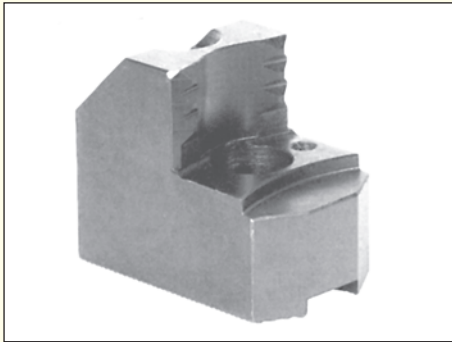


KITAGAWA Ø 152-6"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	D _{H7}	E	Ø FORI	P	G	M
30-50	73	40	30	12	20	11-18	1,5x60°	25	M 6
50-70	63	40	30						
70-90	58	50	35						
90-110	58	50	40						
110-130	65	50	40						

KITAGAWA Ø 203-8"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
30-60	85	49	35	14	25	13-19	1,5x60°	25	M 6
60-90	80	49	35						
90-120	68	58	40						
120-150	65	58	40						
150-210	89	59	45						



KITAGAWA Ø 254-10"

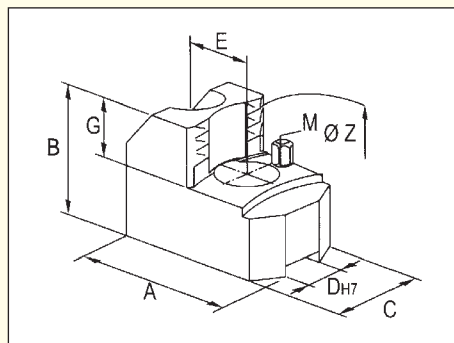
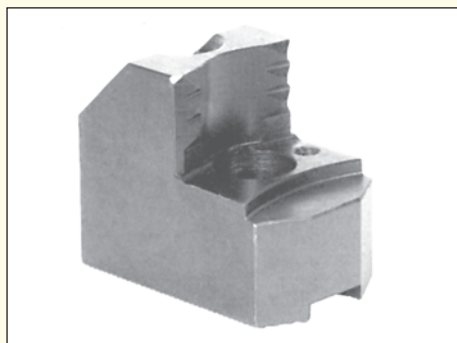
CAMPO DI BLOCCAGGIO Ø Z	A	B	C	D _{H7}	E	Ø FORI	P	G	M
40-80	103	49	40	16	30	13-19	1,5x60°	25	M 6
80-120	85	49	40						M 8
120-160	75	58	45						M 8
160-200	80	58	50						
200-280	108	65	60					30	M 10

KITAGAWA Ø 305-12"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
50-100	120	49	50	18	30	15-23	1,5x60°	25	M 8
100-150	102	49	50					25	
150-200	90	65	60					30	M 10
200-300	115	65	60					30	
50-100	120	49	50	21		17,25		25	M 8
100-150	102	49	50					25	M 10
150-200	90	65	60					30	
200-300	115	65	60					30	

KITAGAWA Ø 381-15"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
100-150	145	60	68	22	43	21-31	1,5x60°	45	M 8
150-200	125	60	68						M 10
200-275	105	65	90						
275-350	123	70	90						
350-425	155	80	95						
425-525	240	90	95						



KITAGAWA Ø 457-18"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
150-250	125	68	60	22	43	21-31	1,5x60°	45	M 10
250-350	120	90	70						
350-450	155	90	80						
450-550	210	90	90						
550-650	305	95	90						

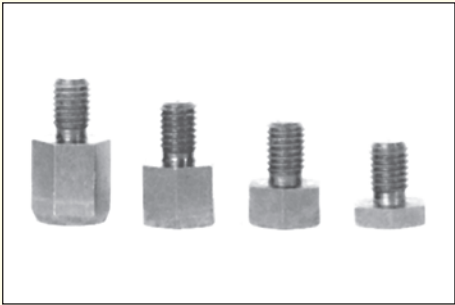
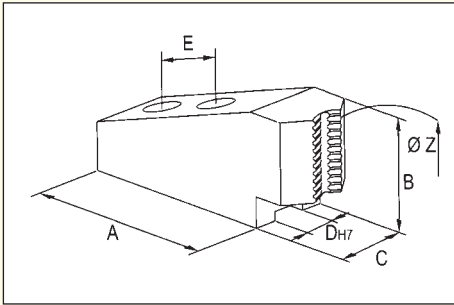
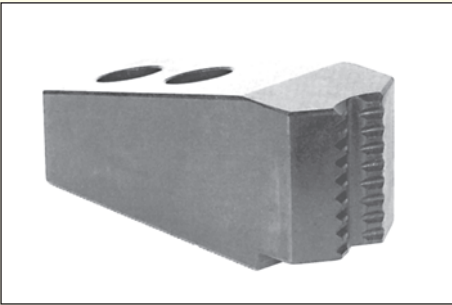
KITAGAWA Ø 530-21"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
250-380	130	100	70	25	60	21-31	3x60°	50	M 10
380-510	160	100	80					60	
510-640	235	115	90					60	
640-760	300	115	100					60	

KITAGAWA Ø 610-24"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI	P	G	M
300-460	130	95	80	25	60	21-31	3x60°	50	M 10
460-620	200	110	90					60	
620-780	270	115	100					60	
750-900	365	120	100					60	

GRIFFE TEMPRATE PER PRESA PEZZI PICCOLI DIAMETRI
HARD SERRATED GRIPPER BAR FOR CLAMPING ROUGHT PARTS OF SMALL DIAMETERS



KITAGAWA Ø 152-6"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-15	75	40	30	12	20	11-18
15-30	70	40	30	12	20	

KITAGAWA Ø 203-8"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-15	93,5	46	35	14	25	11-18
15-35	87	49	35	14	25	

KITAGAWA Ø 254-10"

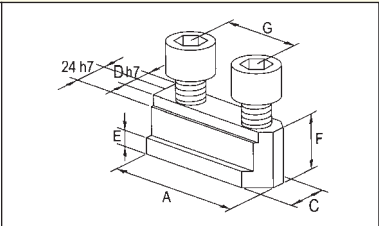
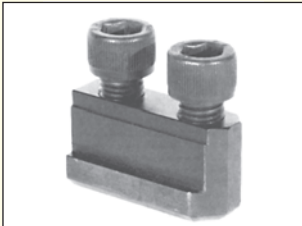
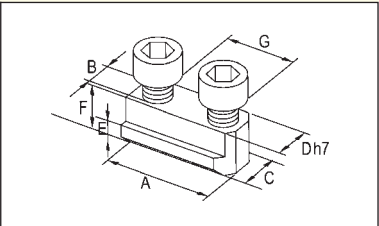
CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
4-20	113,5	50	40	30	30	11-18
20-45	110	50	40	16	30	

KITAGAWA Ø 305-12"

CAMPO DI BLOCCAGGIO Ø Z	A	B	C	DH7	E	Ø FORI
5-30	124	59	45	18	30	15-23
30-50	130	57	45	18		
5-30	124	59	45	21		17-25
30-50	130	57	45	21		

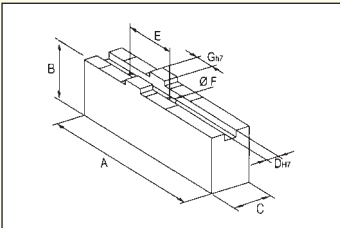
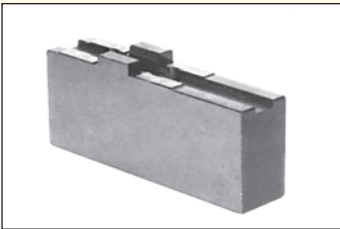
TASSELLI DOPPI
T-NUTS

CAMPO DI BLOCCAGGIO Ø Z	TIPO	A	B	DH7	C	E	F	G
110-127	1	26	M 8	10	15	5,5	15	14
152		38	M 10	12	16	7,5	18,5	20
203		45	M 12	14	20	8	20	25
254		51	M 12	16	23	8	21,5	30
305		54	M 14	18	26	9	27,5	30
305		56	M 16	21	30	11,5	28	30
381-454	2	75	M 20	22	34	16,5	45,5	43
530-610	1	95	M 20	25	35	19	45	60
381-454		95	M 20	25,5	35	20	40	60



MORSETTI STANDARD

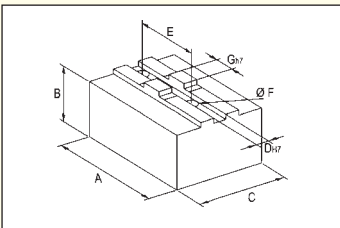
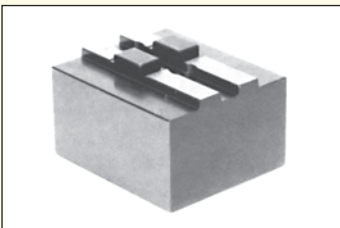
STANDARD JAWS



Ø AUTOCENTRANTE	A	B	C	D _{H7}	E	Ø F	G _{H7}
160-175	85	40	20	8	32	9	18
200-210	105	50	25	10	40	9	20
250-260	125	50	30	12	40	13	20
315-400	145	60	35	12	54	13	26
400-500-630	180	80	50	18	60	17	30

SPECIALI VARIE DIMENSIONI

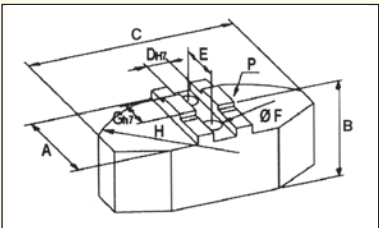
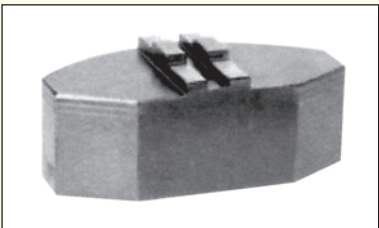
VARIUS SPECIAL DIMENSION



Ø AUTOCENTRANTE	A	B	C	D _{H7}	E	Ø F	G _{H7}
140	63	40	35	8	32	9	18
160-175	85	55	30	8	32	9	18
200-210	105	80	30	10	40	9	20
200-210	105	40	40	10	40	9	20
250-260	125	60	40	12	40	13	20
250-260	125	80	40	12	40	13	20
250-260	125	100	40	12	40	13	20
250-260	90	60	60	12	40	13	20
250-260	90	60	80	12	40	13	20
315-400	145	80	40	12	54	13	26
315-400	120	60	80	12	54	13	26

MORSETTI AVVOLGENTI IN ALLUMINIO E ACCIAIO

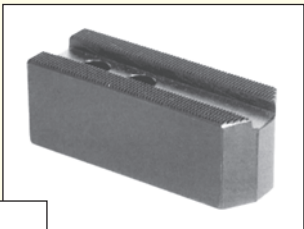
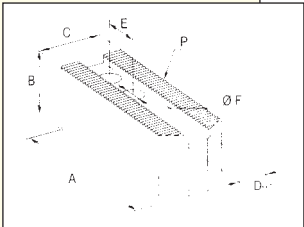
WINDER JAWS ALUMINIUM AND STEEL



MATERIALE	Ø autocentrante	A	B	C	D _{H7}	E	Ø F	G _{H7}	Ø H
ACCIAIO ALLUMINIO	160-175	60	50	120	8	32	9	18	165
ACCIAIO ALLUMINIO	200-210	70	60	140	10	40	9	20	200
ACCIAIO ALLUMINIO	250	90	60	180	12	40	13	20	250
ACCIAIO ALLUMINIO	315	110	80	240	12	54	13	26	315

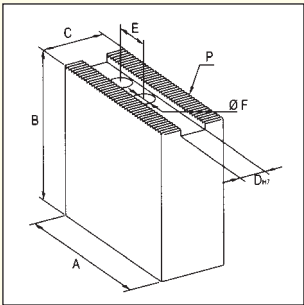
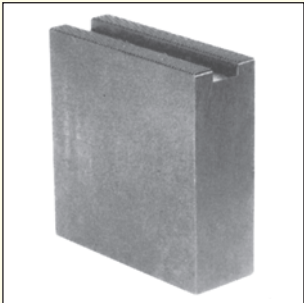
MORSETTI STANDARD
STANDARD JAWS

Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
110-127	55	25	25	10	14	9	1,5x60"
110-127	55	25	25	11	16	9	
152	72	30	30	12	20	11	
203	95	35	35	14	25	13	
203	95	40	40	16	25	13	
254	110	40	40	16	30	13	
254	110	45	45	18	30	15	
305	130	50	50	18	30	15	
305	130	50	50	21	35	17	



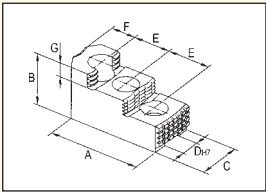
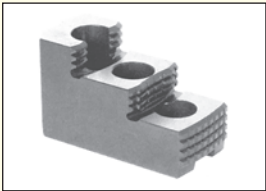
VARIE ALTEZZE "B"
VARIOUS HEIGHT "B"

Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø F	P
110-127	55	50	25	10	14	9	1,5x60"
110-127	55	50	25	11	16	9	
152	72	50	30	12	20	11	
203	95	60	35	14	25	13	
203	95	80	35	14	25	13	
203	95	60	40	16	25	13	
203	95	80	40	16	25	13	
254	110	60	40	16	30	13	
254	110	80	40	16	30	13	
254	110	100	40	16	30	13	
254	110	60	40	18	30	15	
254	110	80	40	18	30	15	
305	130	80	50	18	30	15	
305	130	100	50	18	30	15	
305	130	100	50	18	30	15	
305	130	80	50	21	30	21	



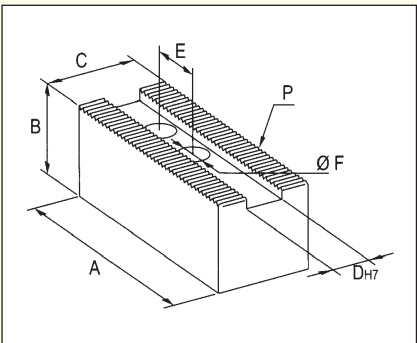
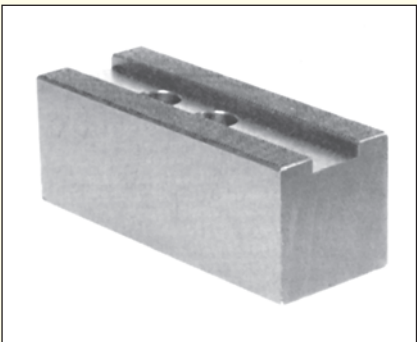
MORSETTI TEMPRATI REVERSIBILI
HARD REVERSIBLE JAMS STEP TYPE

Ø AUTOCENTRANTE	A	B	C	DH7	E	Ø FORI	P	G
110-127	53	27,5	23	10	14	8,5	1,5x60"	10
152	66,6	36	31	12	20	11		12
203	86	51	35	14	25	13		12
203	86	51	35	16	25	13		12
254	99,5	54	40	16	30	13		13
305	97,5	55	50	18	30	13		20
305	103	55	50	21	30	15		20



PNEUMATICO IDRAULICO PASSO 1/16"x90°

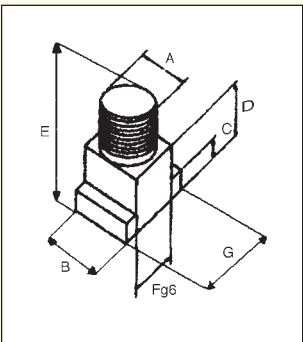
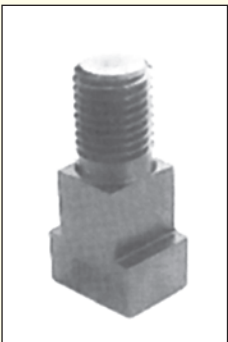
PNEUMATIC-HYDRAULIC SERRATION P=1/16"x90°



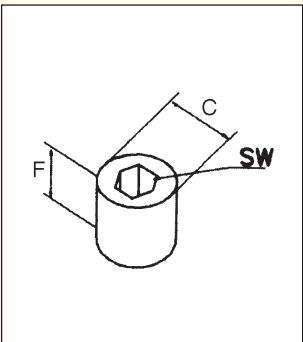
Ø AUTOCENTRANTE	A	B	C	D _{H7}	E	Ø FORI	P
110	55	35	25	8	14	9	1/16"x90°
140-160	70	45	25	10	19	11	
175-200	84	45	30	12	21	13	
175-200	90	60	30	12	21	13	
250-315	110	60	40	16	29	17	
250-315	150	60	40	16	29	17	3/32"x90°
400-500-630	150	80	50	20	38	22	

BERG-TASSELLI PER MANDRINI TIPO "KH"

T-NUTS FOR CHUCK TYPE "KH"



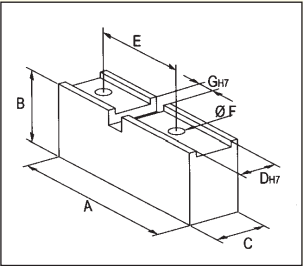
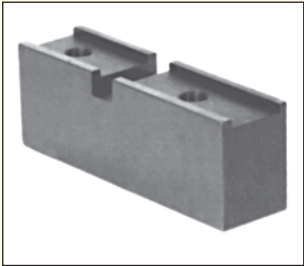
Ø MANDRINO	A	B	C	D	E	F _{g6}	G
140-160	M 10	13	10	20,3	36	10	16
175-200	M 12	14	9	23,2	40,5	12	18
250-315	M 16	18	12	27,2	50	16	24
400-500-630	M 20	25	16	32,7	62	20	30



Ø MANDRINO	A	C	F	SW
140-160	M 10	16	16	8
175-200	M 12	17,8	19	10
250-315	M 16	24,5	25	14
400-500-630	M 20	32	32	17

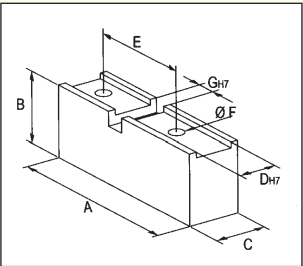
PINTO MANUALE
MANUAL PINTO

Ø AUT.	A	B	C	DH7	E	Ø F	GH7
105	50	25	25	14	25	7	9
130	60	25	20	16	36	7	9
160	70	30	25	18	40	7	9
180-200	90	40	25	20	53	9	10
230-250	110	40	30	22	62	9	11
270	120	50	30	25	68	11	12
270-310	135	55	35	28	76	13	12
350-380	160	60	40	30	92	13	12
430	190	70	50	36	120	13	12
510	220	80	60	40	120	13	12
600	220	90	60	46	130	13	12



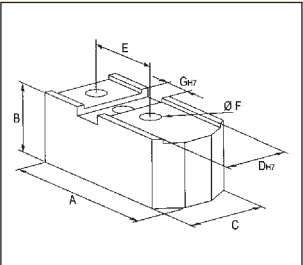
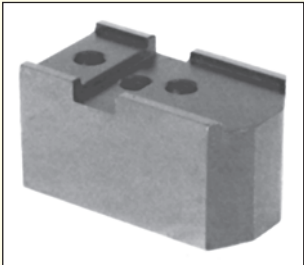
VARIE ALTEZZE
VARIUS HEIGHTS

Ø AUT.	A	B	C	DH7	E	Ø F	GH7
180-200	90	50	25	20	53	9	10
180-200	90	60	25	20	53	9	10
180-200	90	80	25	20	53	9	10
180-200	90	100	25	20	53	9	10
230-250	110	50	30	22	62	9	11
230-250	110	60	30	22	62	9	11
230-250	110	80	30	22	62	9	11
230-250	110	100	30	22	62	9	11
270	110	80	30	22	62	9	11
270	110	100	30	22	62	9	11



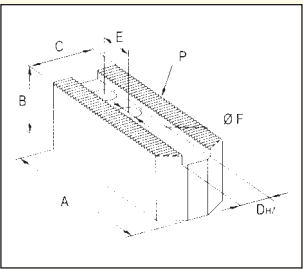
PNEUMATICO IDRAULICO PIANI INCLINATI
PNEUMATIC HYDRAULIC WEDGE TYPE

Ø AUT.	A	B	C	DH7	GH7	E	Ø F
125	60	35	35	30	12	28	9
160	70	40	40	35	12	28	9
200	90	50	50	40	18	40	11
250	110	55	55	45	18	50	13
315	140	60	60	50	18	50	13
400	170	70	70	57	32	70	17
500	200	80	80	65	32	70	17
630	250	85	80	75	32	90	21



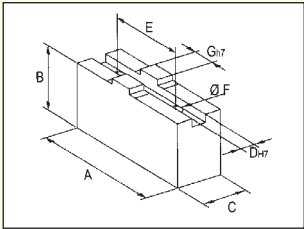
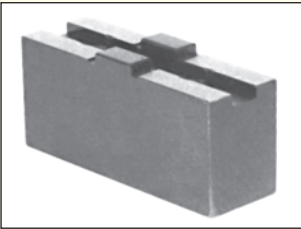
PNEUMATICO IDRAULICO P=1/16"x90°
PNEUMATIC HYDRAULIC P=1/16"x90°

Ø AUT.	A	B	C	DH7	E	Ø F	P
125-130	60	30	30	12	16	9	1/16"x90°
165-170	70	35	35	14	16,5	11	
200-210	90	40	40	17	23	13	
250	110	50	50	21	30	17	
315	125	50	50	21	30	17	
400	140	60	60	21	34	17	
500-610	170	60	60	28	38	21	3/32"x90°



FIAL MANUALE TIPO NUOVO

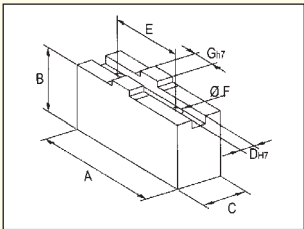
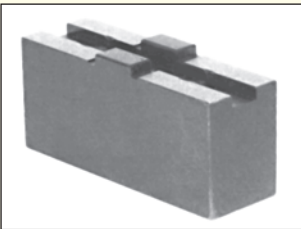
MANUAL FIAL NEW TYPE



Ø AUT.	A	B	C	DH7	GH7	E	Ø F
160	74	45	30	7,95	12,7	38	11
200	87	45	30	7,95	12,7	44,5	11
250	103	50	35	12,7	19,03	54	14
315	120	60	40			63,5	14
400	137	60	40			76	17
500-630	160	70	50			76	21

VARIE LUNGHEZZE

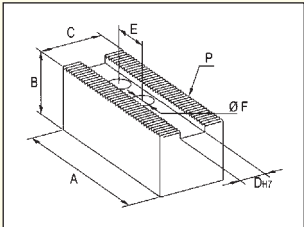
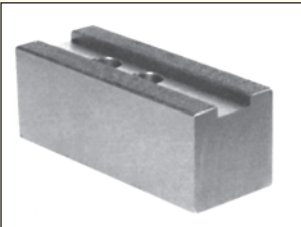
VARIUS LENGHT



Ø AUT.	A	B	C	DH7	GH7	E	Ø F
160	87	45	30	7,95	12,7	38	11
200	97	45	30	7,95	12,7	44,5	11
250	115	50	35	12,7	19,03	54	14
315	135	60	40			63,5	14
400	155	60	40			76	17

FIAL MANUALE TIPO "Z" PASSO 1/16"x90°

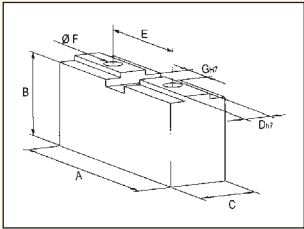
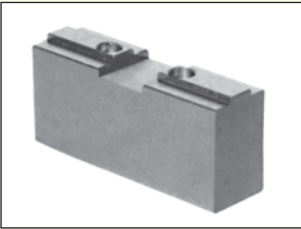
MANUAL FIAL TYPE "Z" PASSO 1/16"x90°



Ø AUT.	A	B	C	DH7	E	Ø F	P
160	73	35	20	8	19,05	7	1/16"x90°
180-200	87,3	40	25	10	23,81	9	
230	103,2	40	25	10	28,57	9	
250-270	117,5	50	30	12	33,34	11	
310-350	136,5	60	30	14	36,5	13	

FIAL MANUALE

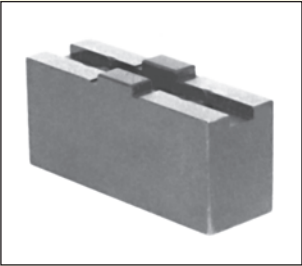
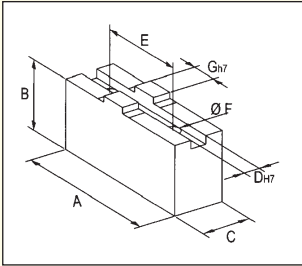
MANUAL FIAL



Ø AUT.	A	B	C	DH7	GH7	E	Ø F
85	47	20	20	8	12	19	5
105	53	25	20	8	12	19	6
130	62	30	20	10	14	22,2	7
160	72	35	20	10	20	33,5	9
200	85	40	25	10	20	33,5	9
230	100	40	25	10	20	39,2	9
250-270	110	50	30	12	22	45,5	9
310-350	130	60	30	14	28	61	13
400-480	180	70	40	16	32	91	13

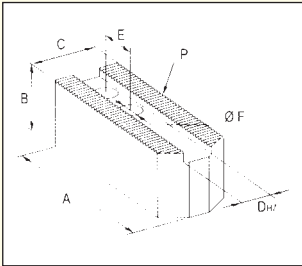
MANUALE
MANUAL

Ø AUT.	A	B	C	DH7	GH7	E	Ø F
100	53	30	20	7,95	9,5	24	7
125	62	35	25	7,95	12,7	32	9
160	74	45	30	7,95	12,7	38	9
200	87	45	30	7,95	12,7	44,5	9
250	103	50	35	12,7	19,05	54	13
315	120	60	45	12,7	19,05	63,5	13
350-400	137	60	45	12,7	19,05	76	13



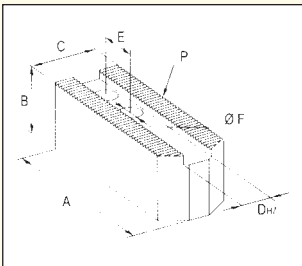
PNEUMATICO IDRAULICO PASSO 1/16"x90°
PNEUMATIC HYDRAULIC SERRATION 1/16"x90°

Ø AUT.	A	B	C	DH7	E	Ø F	P
110	53	25	25	10	13	7	1/16"x90°
130-140	55	30	30	12	16	9	
160-170	70	40	40	17	22	13	
200	90	40	40	17	19	13	
250	110	50	50	21	28	17	
315	125	50	50	21	30	17	
400-500	155	60	60	25,5	35	21	

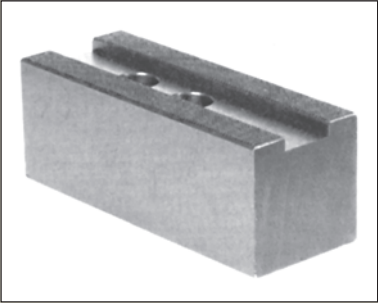


PNEUMATICO IDRAULICO PASSO 1,5x60°
PNEUMATIC HYDRAULIC SERRATION 1,5x60°

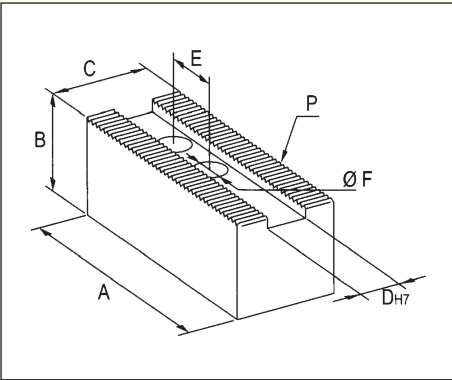
Ø AUT.	A	B	C	DH7	E	Ø F	P
105	53	20	20	10	15	9	1,5x60°
130	53	25	25	11	15	9	
160	67	30	30	11	20	9	
215	90	40	40	14	26	11	
250	90	50	50	20	26	13	
280	90	50	50	20	26	13	
315	120	50	50	21	28	15	
350	120	50	50	21	28	17	



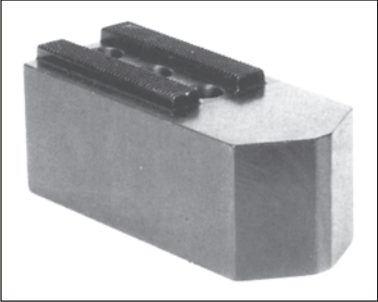
FORKARDT PNEUMATICO IDRAULICO
FORKARDT PNEUMATIC HYDRAULIC



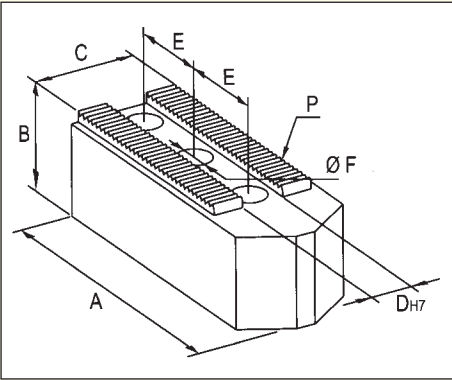
Ø AUT.	A	B	C	DH7	E	Ø F	P
160	90	60	40	17	22	13	1/16"x90°
200	90	60	40	17	22	13	
250-315	125	80	50	21	30	17	3/32"x90°
400-500	140	80	60	25,5	38	21	



GAMET PNEUMATICO IDRAULICO PASSO 1,5x60°
GAMET PNEUMATIC-HYDRAULIC SERRATION P=1,5x60°

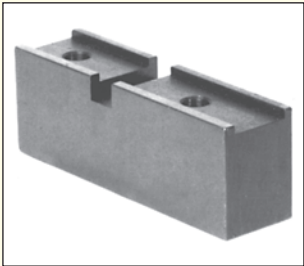
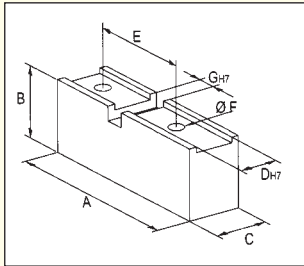


Ø AUT.	A	B	C	DH7	E	Ø F	P
105	51	25	25	10	15	9	1,5x60°
130	63	30	30	11	22	9	
160	77	35	35	11	22	9	
215	102	45	45	14	22+22	11	
230-280	130	50	50	20	28+28	13	
350	170	50	50	21	35+35	17	
450	220	75	75	30	45+45	21	



TRIBLOK MANUALE TIPO A
MANUALTRIBLOK TYPE A

Ø AUT.	A	B	C	DH7	GH7	E	Ø F
160	70	40	30	22	10	26	9
175-200	95	50	30	22	10	26	9
200-225	95	50	30	22	10	26	9
250-275	105	50	35	26	10	30	11
300	120	60	35	26	12	36	11
375	130	70	40	27	12	38	13



TRIBLOK MANUALE TIPO B
MANUALTRIBLOK TYPE B

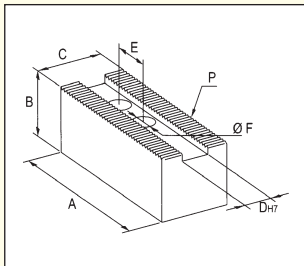
Ø AUT.	A	B	C	DH7	GH7	E	Ø F
125-130	60	30	20	15	6	20	7
160	70	35	20	15	6	20	7
175	80	40	30	20	10	29	11
200-225	95	50	30	20	10	26	11
250-275	115	50	35	25	12	32	11
300	130	50	35	25	12	32	11
375	130	70	40	32	16	40	13

TRIBLOK MANUALE TIPO C
MANUALTRIBLOK TYPE C

Ø AUT.	A	B	C	DH7	GH7	E	Ø F
100	50	30	20	12	6	20	7
125	65	30	25	16	6	20	9
160	70	30	25	16	6	20	9
175-200	90	45	30	19	8	26	9
225-250	110	50	30	22	10-12	32	11
275-315	130	60	35	27	12	38	13
350-400	160	70	40	32	16	48	17
450	200	80	50	38	16	60	17

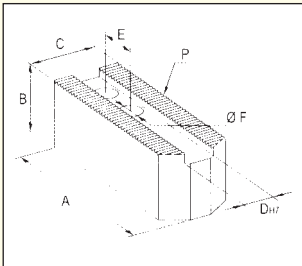
GFB MANUALI
GFB MANUAL CHUCK

Ø AUT.	A	B	C	DH7	E	Ø F	P
105	50	25	15	5,3	12	5	2,5x60°
130	60	30	20	6,2	15	6	
160	80	30	20	7,5	18	7	
190-200	100	40	25	10,5	25	9	
230-250	115	40	25	12,2	30	11	
270	135	50	30	12,2	30	11	
310	150	50	30	12,2	30	11	



CMT PNEUMATICO IDRAULICO PASSO 2,5x60°

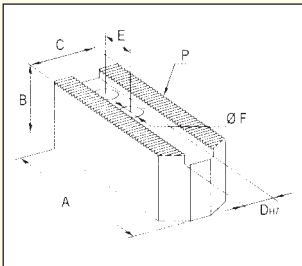
CMT PNEUMATIC HYDRAULIC P=2,5x60°



Ø AUT.	A	B	C	DH7	E	F	P
140	65	25	25	10	36	9	2,5x60°
170	80	30	30	10	36	9	
200	90	35	35	10	36	9	
230	100	40	40	12	50	11	
250-270	125	40	40	12	50	11	
300-330	120	60	60	18	50	13	
400	150	60	60	20	75	17	

CMT PNEUMATICO IDRAULICO PASSO 1/16"x90°

CMT PNEUMATIC HYDRAULIC P=1/16"x90°



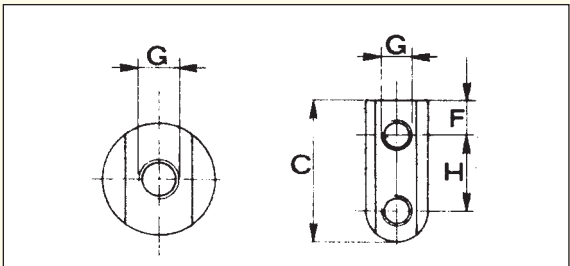
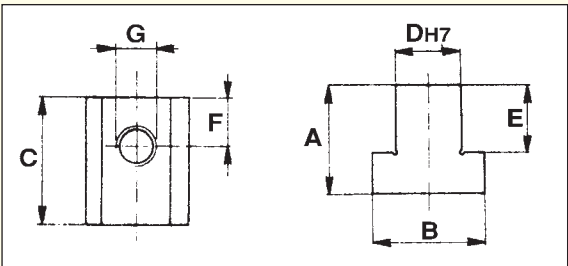
Ø AUT.	A	B	C	DH7	E	Ø F	P
150	65	25	25	10	16	9	1,16x90°
200	90	40	40	12	38	11	
250	115	50	50	21	36	15	
315	140	50	50	21	36	15	
400	145	60	60	20	75	17	

CMT TASSELLI

T-NUTS CMT

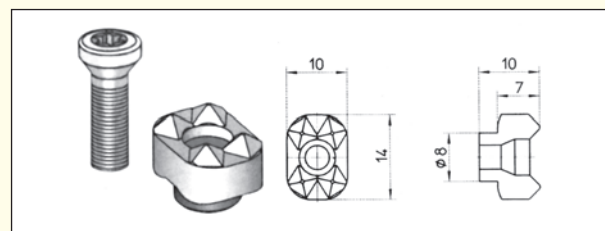
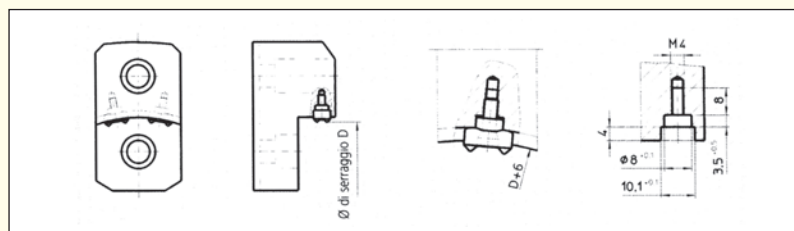


A	B	C	DH7	E	Ø F	G	H
20	17,5	26	12	11,5	9	M 10	-
27,5	24,5	32	18	17	12	M 12	-
34,5	30,5	35	20	21	15	M 16	-
14,5	12	12	8	9	6	M 6	-
29,5	Ø 28	-	21	19	-	M 14	-
16	14,5	19	10	9	7	M 8	-
29,5	28	30	21	19	15	M 14	-
16	14,5	32	10	9	8	M 8	16



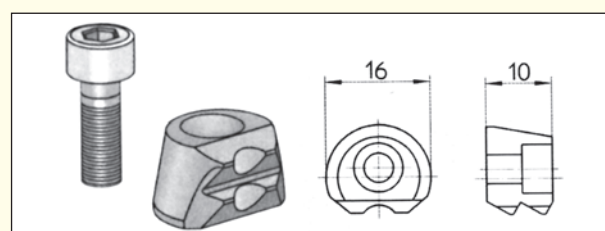
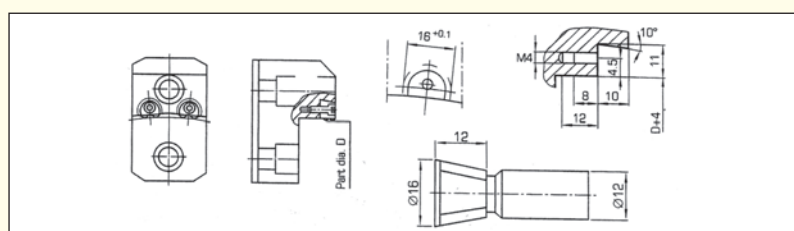
UGE 10

Esempio d'impiego Employment example



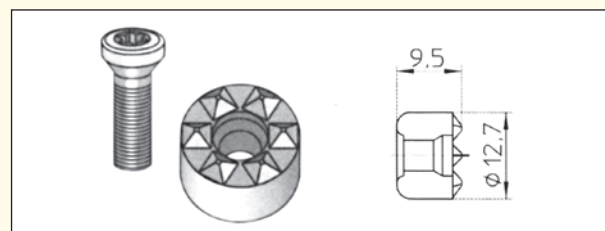
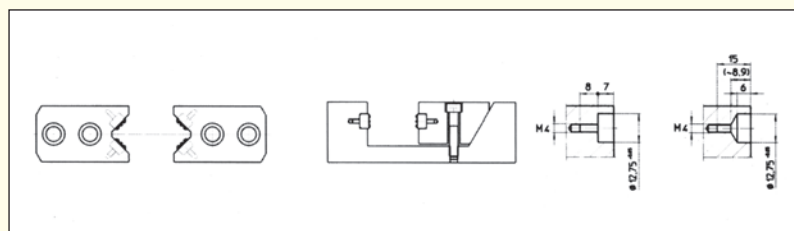
UGE 20

Esempio d'impiego Employment example



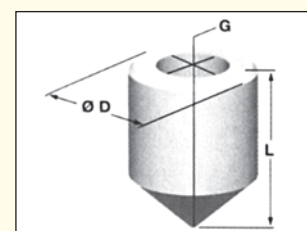
UGE 30

Esempio d'impiego Employment example



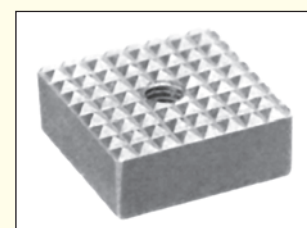
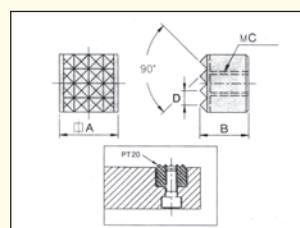
UGE 40

Ø D	L	G
6	10	M 3
8	12	M 4
10	14	M 5
12	16	M 6
12.7	16	M 6

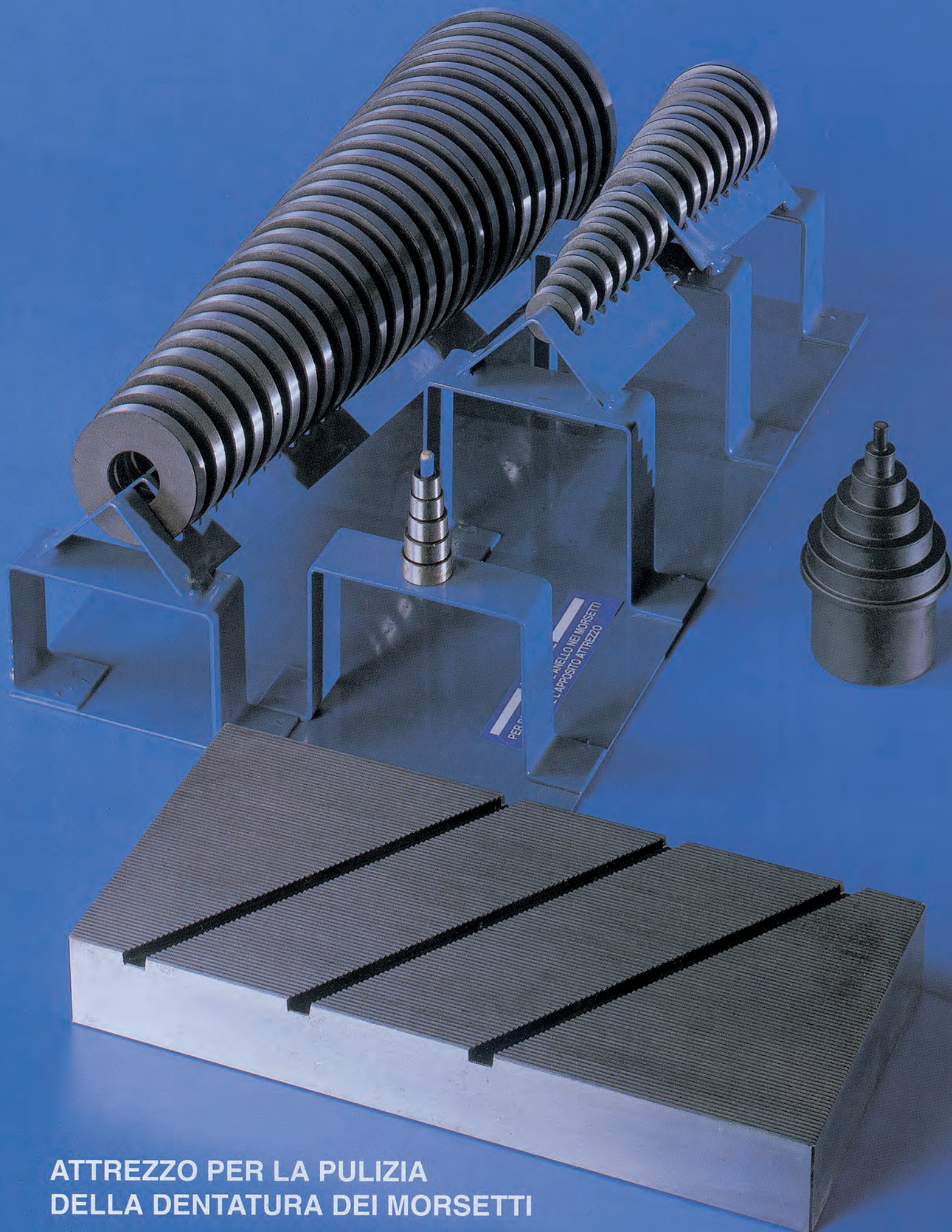


UGE 40

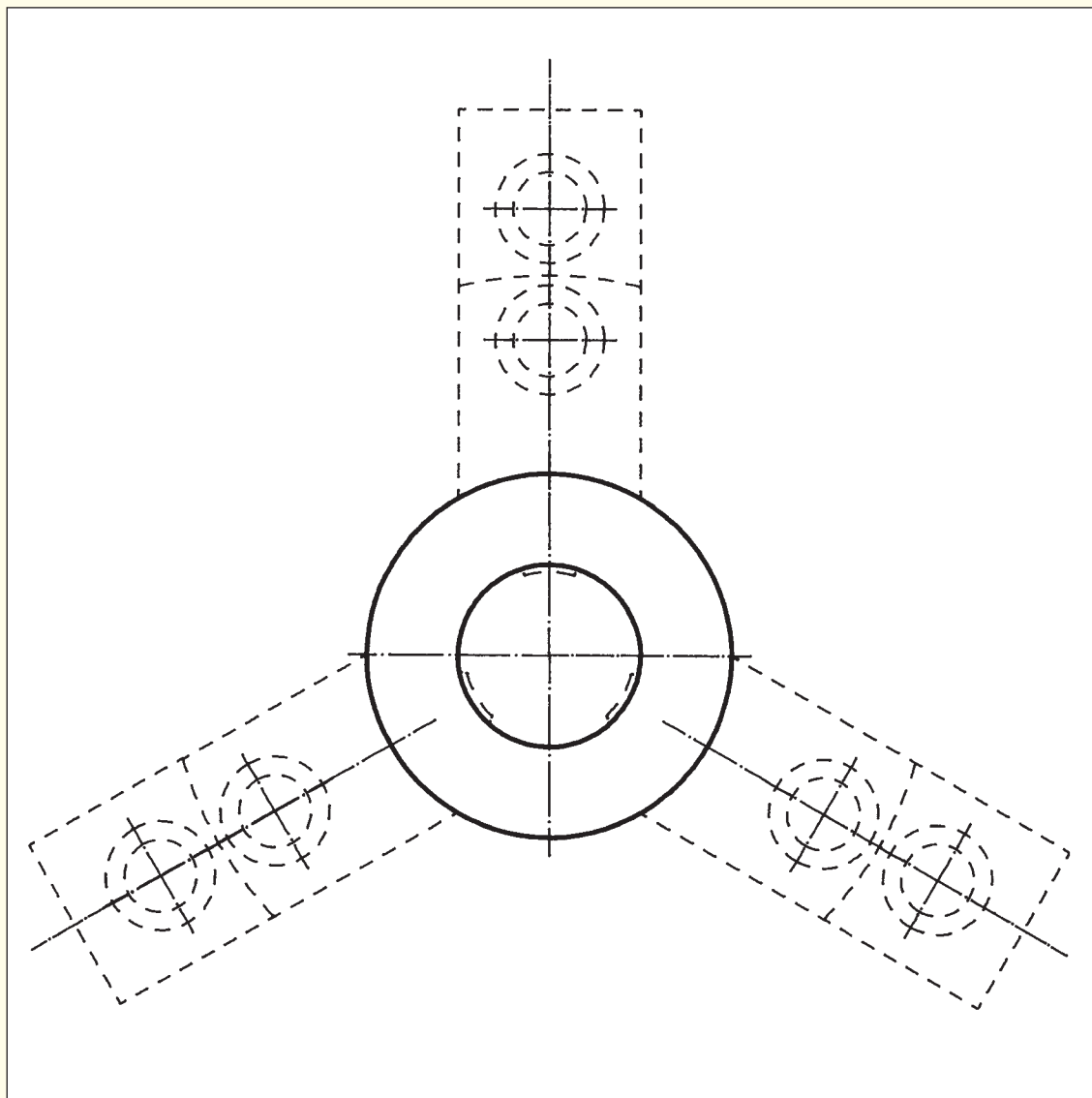
 A	B	C	DH7
10	10	M 5	2,3
12	10	M 6	3
20	10	M 6	3
25	01	M 6	3



SET DI ANELLI



ATTREZZO PER LA PULIZIA
DELLA DENTATURA DEI MORSETTI

**Tipo A**

Anelli con diametro da 10 a 100 mm (uno ogni millimetro)

Type A

Rings with diameter from 10 to 100 mm (one by mm)

Tipo B

Anelli con diametro da 10 a 100 mm (uno ogni due millimetri)

Type B

Rings with diameter from 10 to 100 mm (one by 2 mm)

Tipo C

Anelli con diametro da 100 a 160 mm (uno ogni due millimetri)

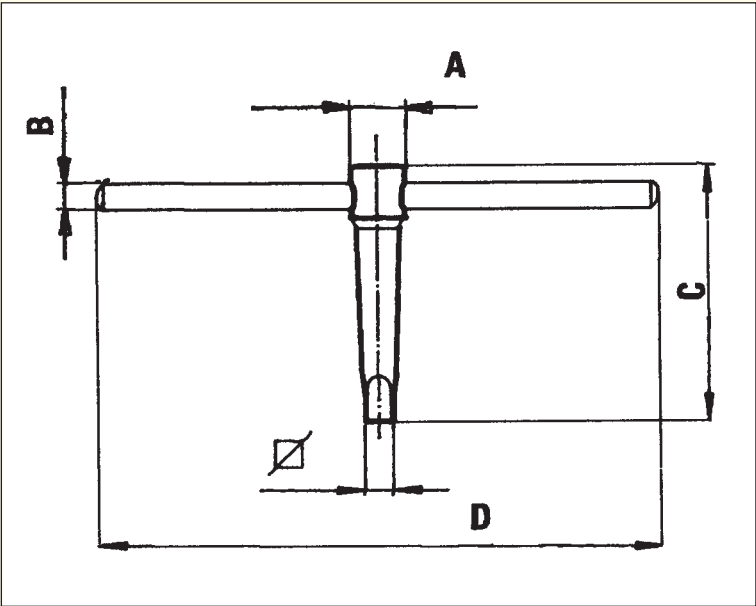
Type C

Rings with diameter from 100 to 160 mm (one by 2 mm)



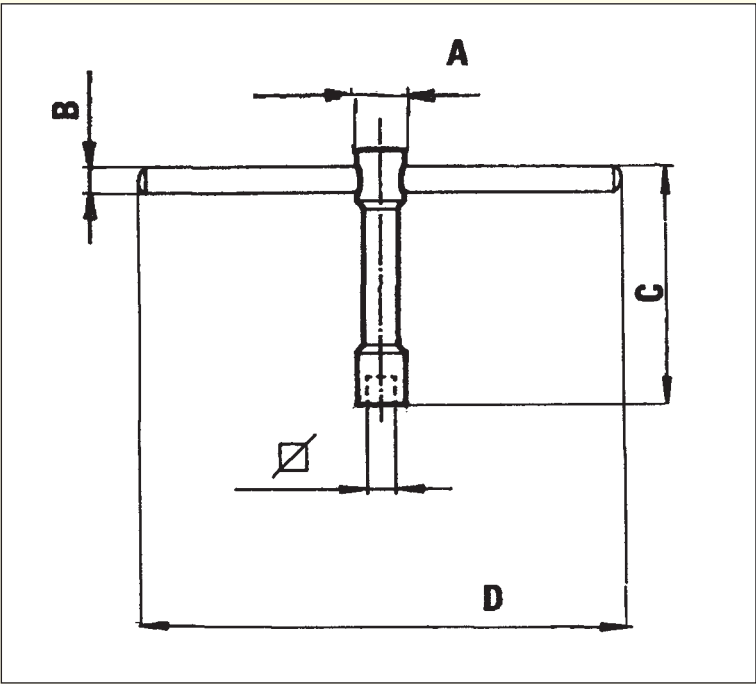
CHIAVI PER AUTOCENTRANTI
SPANNERS FOR SELF-CENTRING DEVICES

	A	B	C	D
6	14	6	55	120
7	15	8	60	120
8	16	8	70	150
9-9,5	18	9	85	150
10	21	11	90	200
11	23	12	90	250
12	23	12	90	250
13	27	14	105	310
14	27	16	105	350
15	29	18	130	430
16	31	18	130	430
17	31	18	135	430
18	31	18	150	450
19	35	18	150	450
20	35	18	150	500
22	37	18	150	500



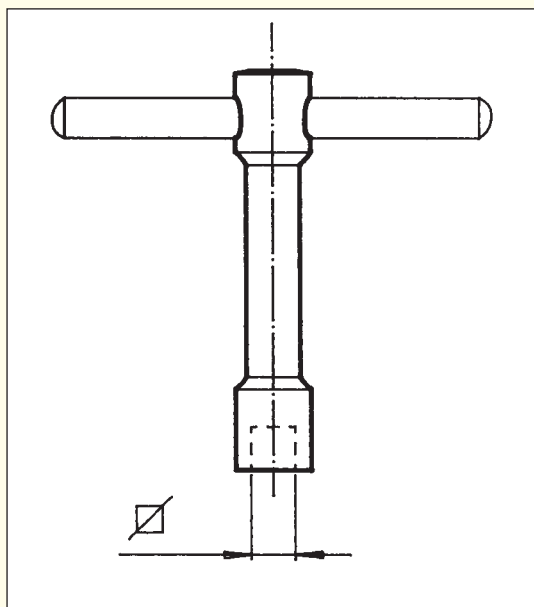
CHIAVI PER PIATTAFORMA
SPANNERS FOR PLATFORM

	A	B	C	D
8	18	10	94	200
9	20	10	94	200
10	20	14	120	320
11	24	14	120	320
12	24	14	130	340
13	24	14	140	350
14	24	14	140	350
15	32	16	180	450
16	29	16	200	450
17	31	18	200	500
18	34	18	220	420
19	34	18	180	470
20	38	18	230	500
22	40	20	230	500
23	42	20	230	500
24	42	20	230	500
25	42	20	230	500
27	45	20	230	500



CHIAVI PER TORRETTA

SPANNERS FOR TOOL-HOLDER TURRET



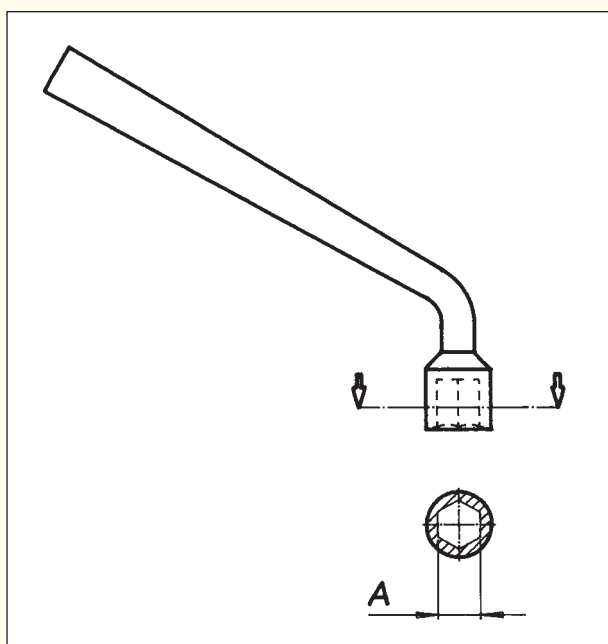
Femmina

Female

Ø mm 7-8-9-10-11-12-13-14-15

CHIAVI A PIPA

PIPE SPANNERS



A mm 12-14-17-19-21

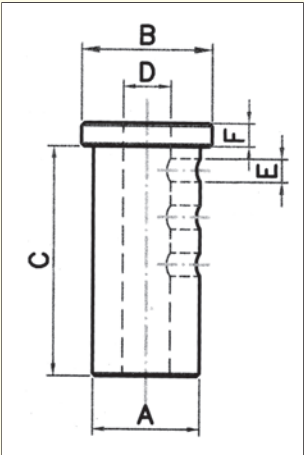


BUSSOLE DI RIDUZIONE

REDUCTION BUSH

BUSSOLE DI RIDUZIONE CILINDRICHE CON COLLARE

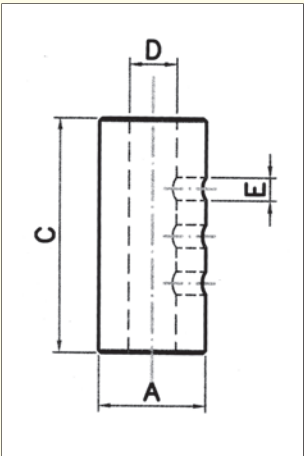
CILINDRIC REDUCTION BUSH WITH RABBET



TIPO A Type A	FORO D mm												B	C	E	F
25	6	8	10	12	14	16	20						31	65	M 5	5
32	6	8	10	12	14	16	20	25					39	70	M 6	6
35	6	8	10	12	16	20	25	32					49,5	50	M 8	6
40	5	6	8	10	12	14	16	18	20	25	30	32	49,5	80	M 8	6
50	6	8	10	12	14	16	20	25	30	32			59	85	M 10	6
60	20	25	30	32	40	50							54	115	M 10	6

BUSSOLE DI RIDUZIONE CILINDRICHE SENZA COLLARE

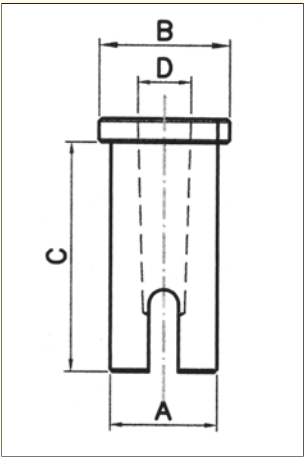
CILINDRIC REDUCTION BUSH WITHOUT RABBET



TIPO A Type A	FORO D mm							C	E
32	8	10	12	16	20	25		100	M 6
40	8	10	12	16	20	25	32	100	M 8
50	12	16	20	25	32	40		120	M 10

BUSSOLE DI RIDUZIONE CONO MORSE

MORSE-CONE REDUCTION BUSH



TIPO A Type A	FORO D mm					B	C
	25	32	35	40	50	31	57
25	1	2	3			31	57
32	1	2	3	4		37,5	57,5
35	1	2	3			49,5	84
40	1	2	3	4		49,5	84
50	2	3	4			55	80

BUSSOLE DI RIDUZIONE

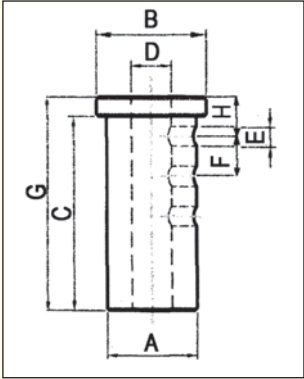
REDUCTION BUSH

IN CASO DI ORDINAZIONE DI BUSSOLE SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.
THIS PAGES IS DESIGNED FOR YOUR ORDERS OF SPECIAL BUSH PLEASE FILL IN THE UNDERMENTIONED TABLE WITH THE DIMENSION YOUR NEED.

BUSSOLE DI RIDUZIONE CILINDRICHE CON COLLARE

CILINDRIC REDUCTION BUSH WITH RABBET

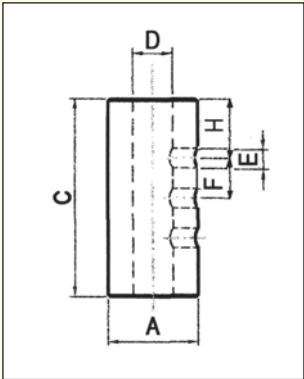
A	B	C	D	E	F	G	H
MATERIALE/MATERIAL		CLIENTE/CLIENT			QUANTITA'/QUANTITY		



BUSSOLE DI RIDUZIONE CILINDRICHE SENZA COLLARE

CILINDRIC REDUCTION BUSH WITHOUT RABBET

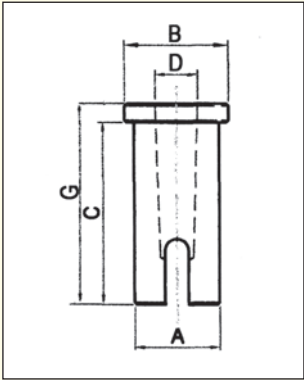
A	B	C	D	E	F	G	H
MATERIALE/MATERIAL		CLIENTE/CLIENT			QUANTITA'/QUANTITY		



BUSSOLE DI RIDUZIONE CONO MORSE

MORSE-CONE REDUCTION BUSH

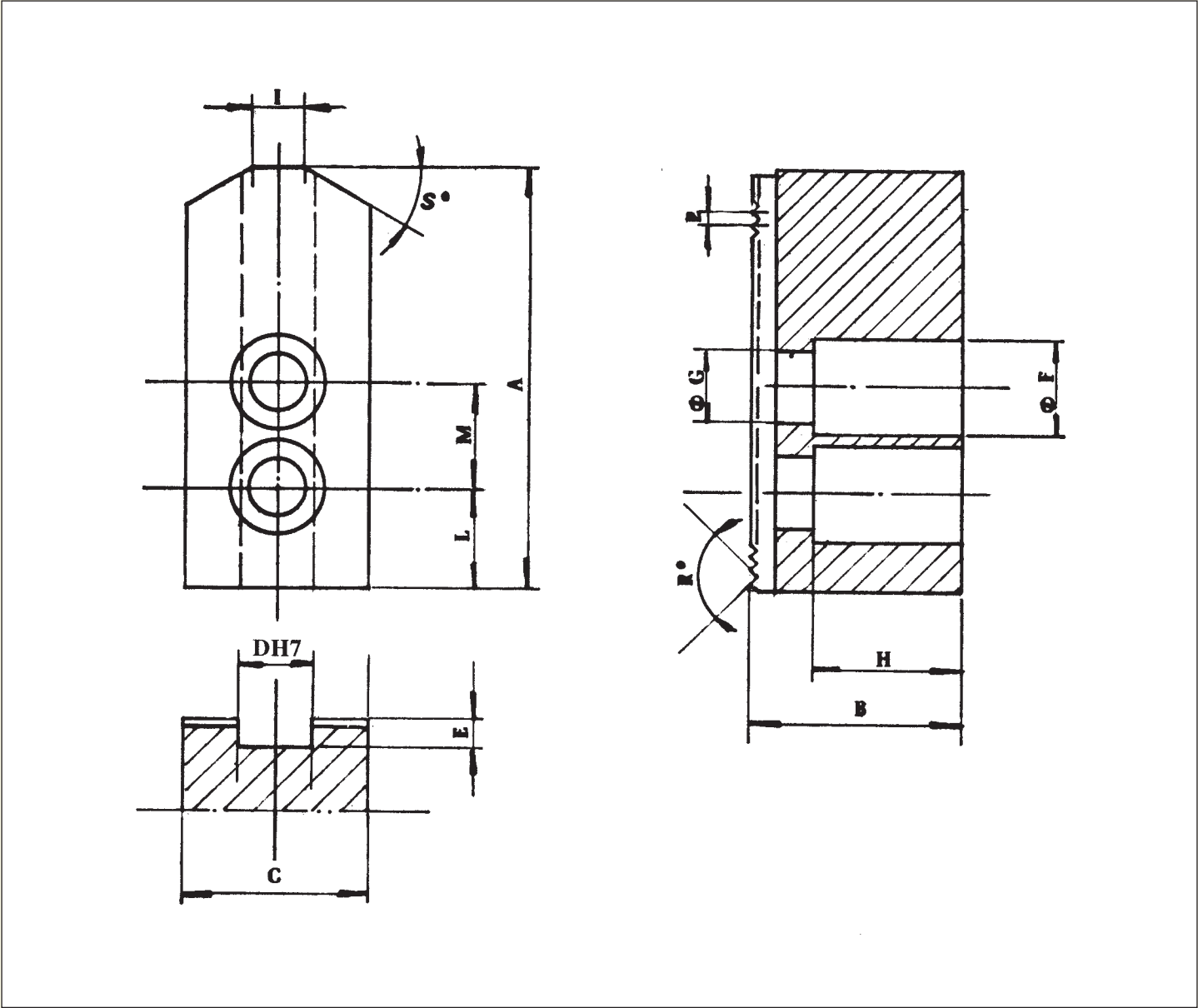
A	B	C	D	G
MATERIALE/MATERIAL		CLIENTE/CLIENT		QUANTITA'/QUANTITY





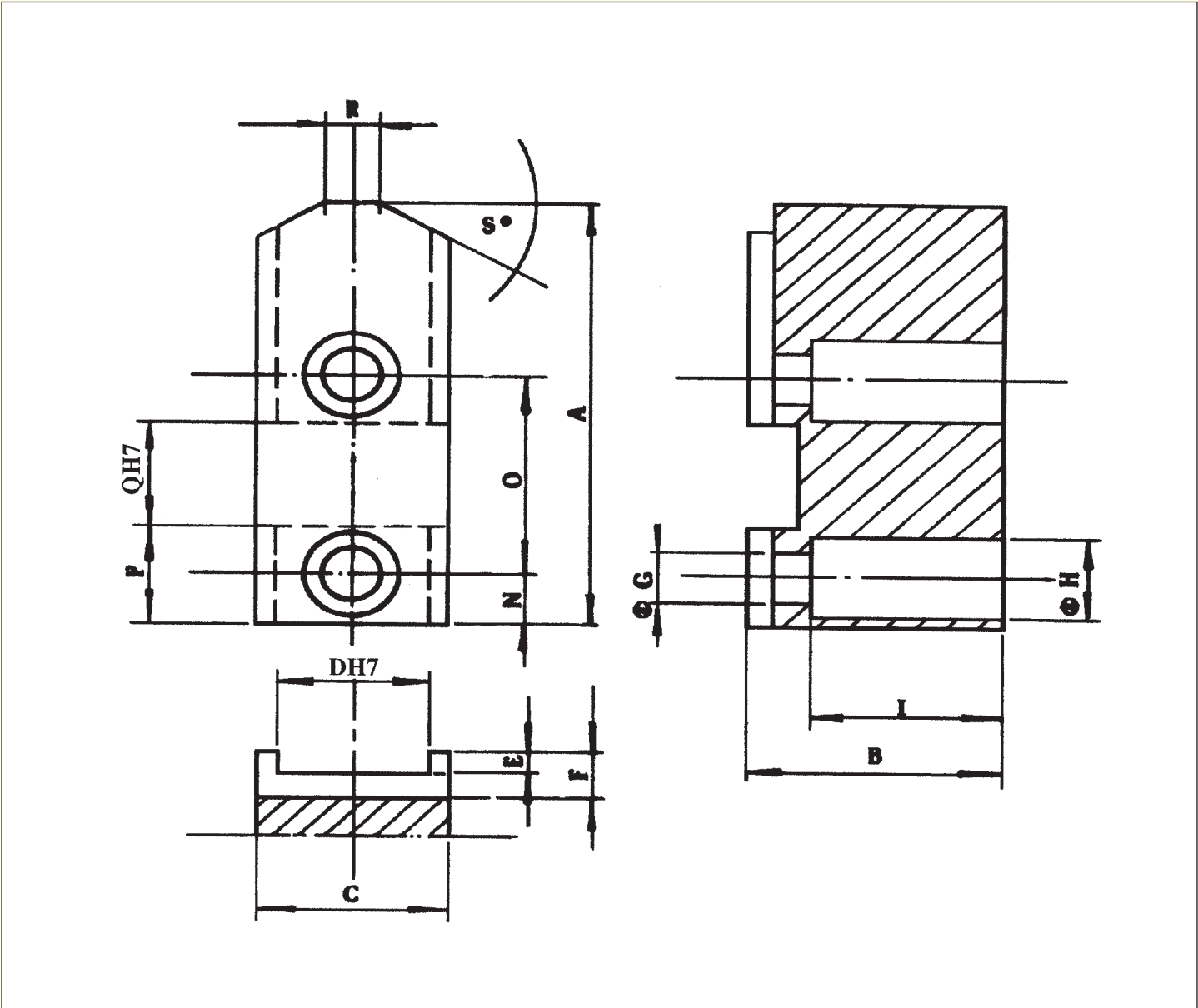
IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.

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A	B	C	DH7	E	Ø F	Ø G
H	I	L	M	R°	S°	P
MATERIALE/MATERIAL		CLIENTE/CLIENT			QUANTITA'/QUANTITY	

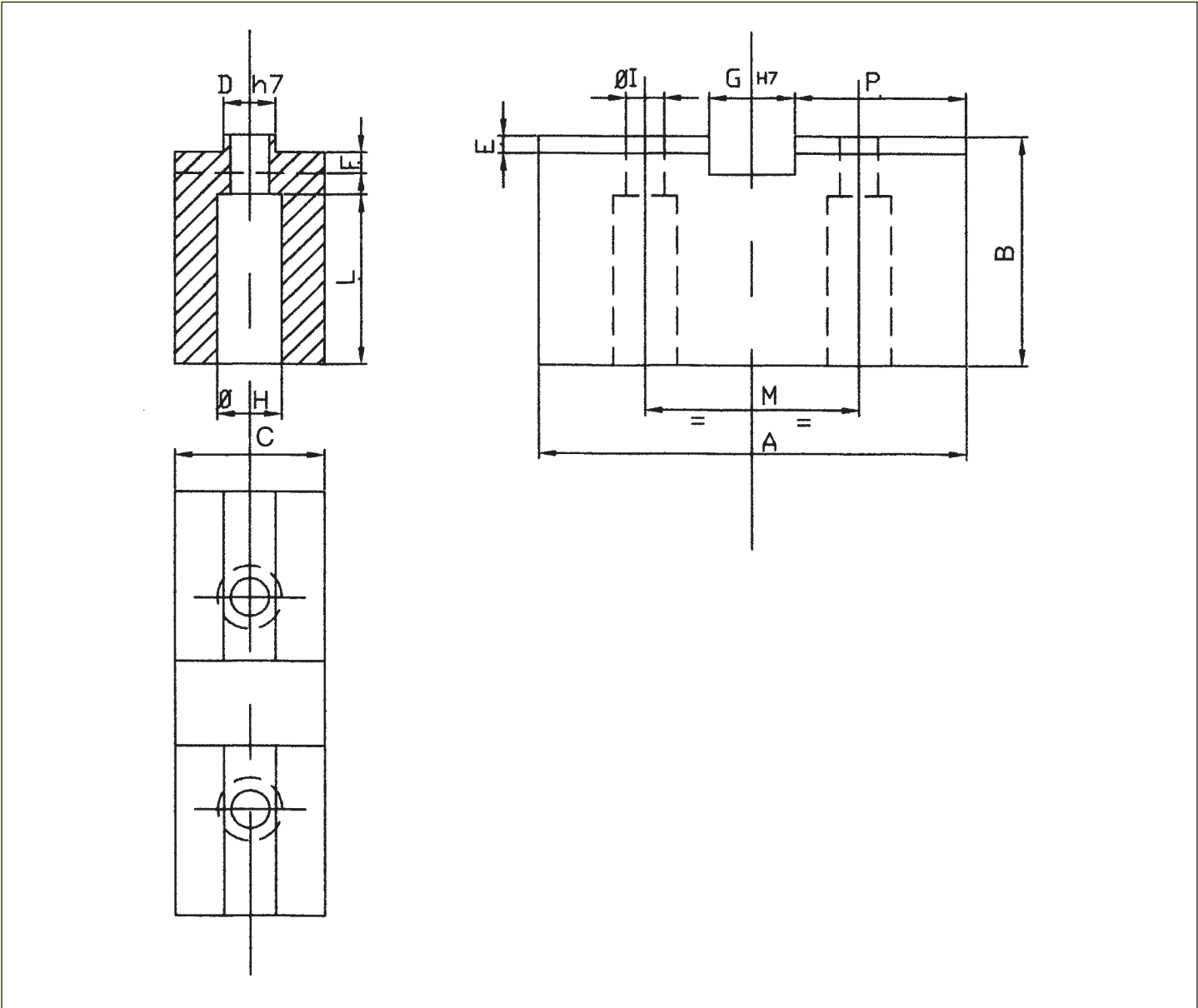
IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.
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A	B	C	DH7	E	F	Ø G	Ø H	I
L	M	N	O	P	QH7	R	S°	
MATERIALE/MATERIAL			CLIENTE/CLIENT			QUANTITA'/QUANTITY		

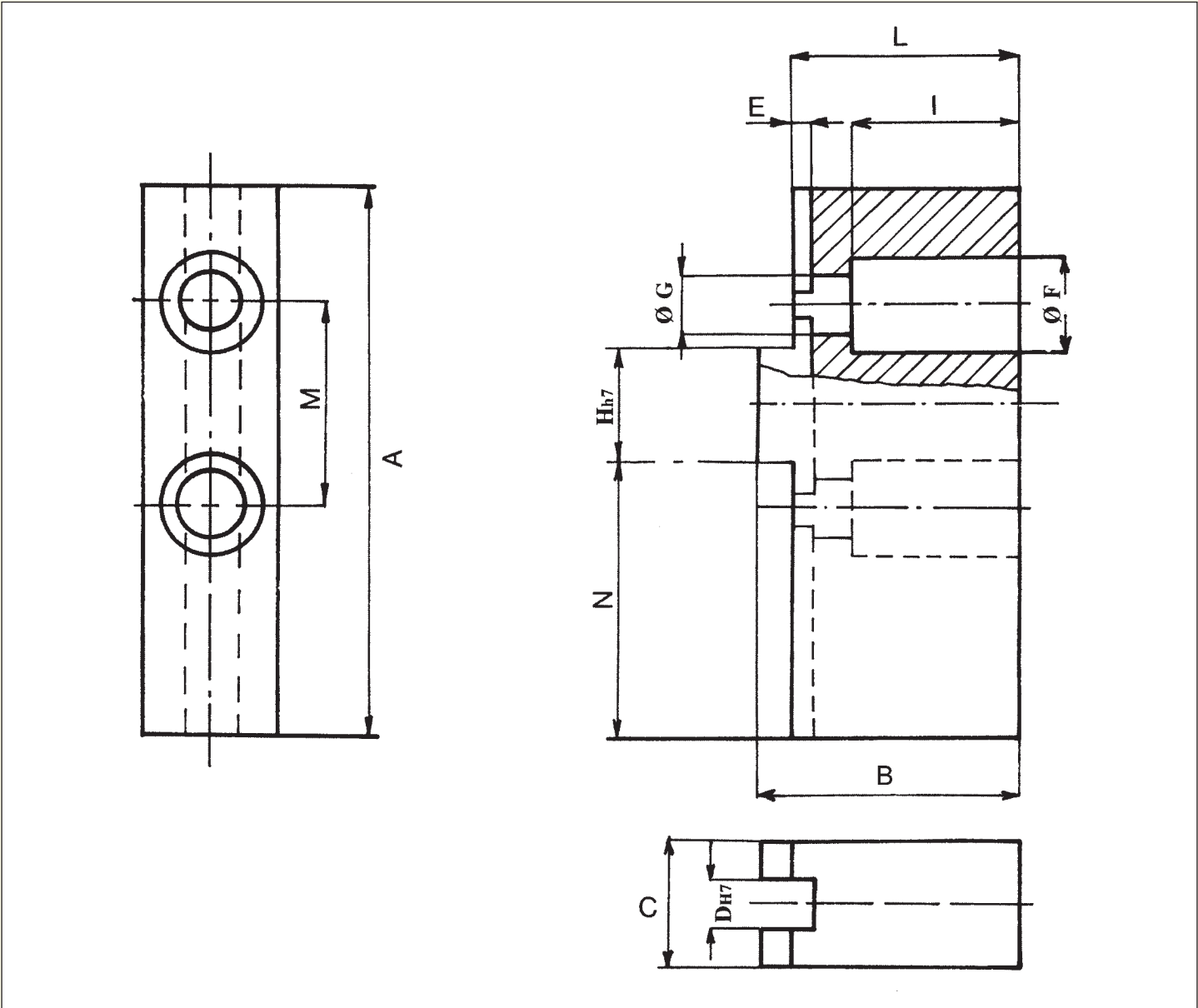
IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.

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A	B	C	D _{h7}	E	F	G _{H7}	Ø H	Ø I
L	M							
MATERIALE/MATERIAL			CLIENTE/CLIENT			QUANTITA'/QUANTITY		

IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.
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A	B	C	DH7	E	Ø F	Ø G	Hh7	I
L	M	N						
MATERIALE/MATERIAL			CLIENTE/CLIENT			QUANTITA'/QUANTITY		

TASSELLI SPECIALI

SPECIAL T-NUTES

IN CASO DI ORDINAZIONE DI TASSELLI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.

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Fig. 1

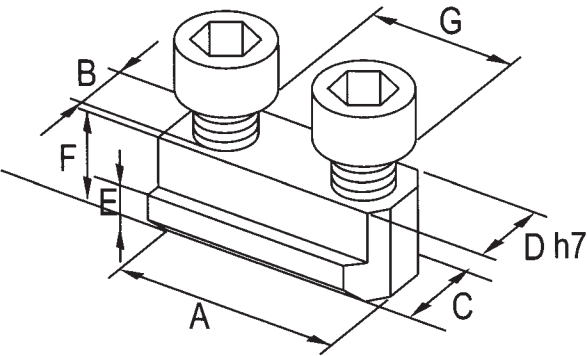


Fig. 2

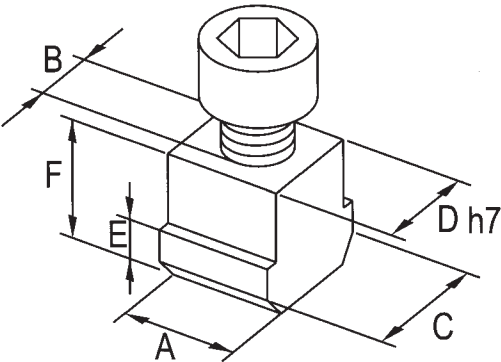


Fig. 3

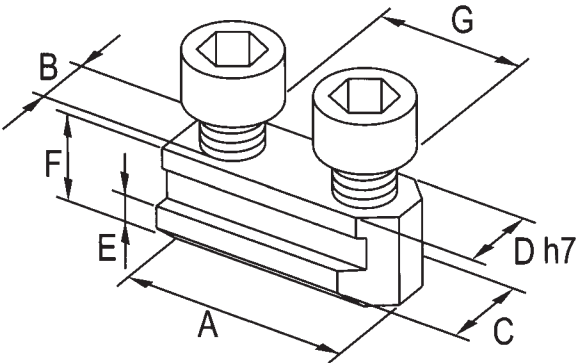


Fig. 4

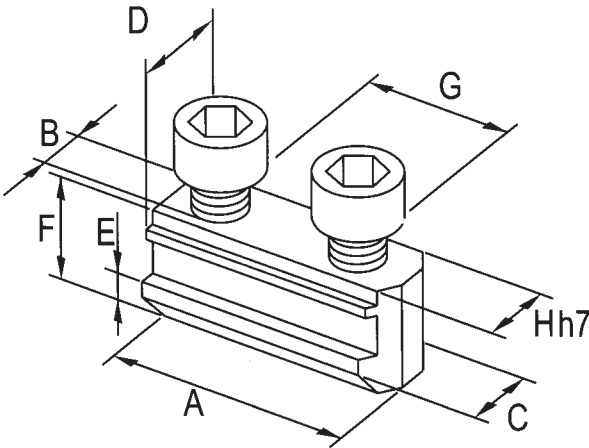


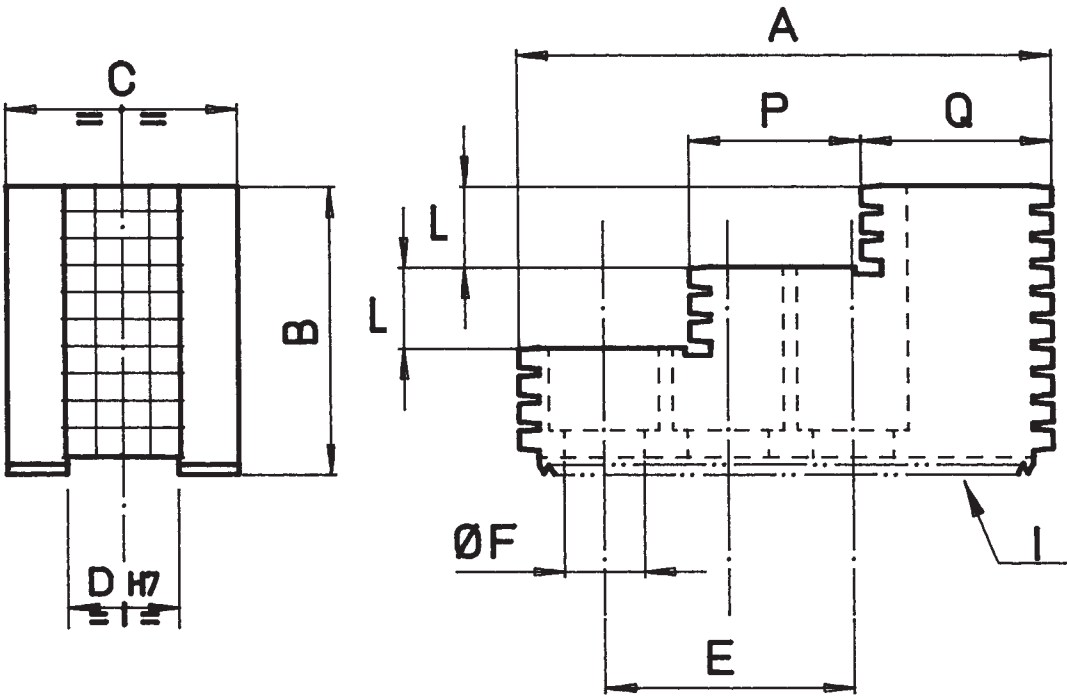
FIG.	A	B	D h7	C	E	F	G	H h7
MATERIALE/MATERIAL			CLIENTE/CLIENT			QUANTITA'/QUANTITY		

MORSETTI TEMPRATI REVERSIBILI

HARD REVERSIBLE JAWS

IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.

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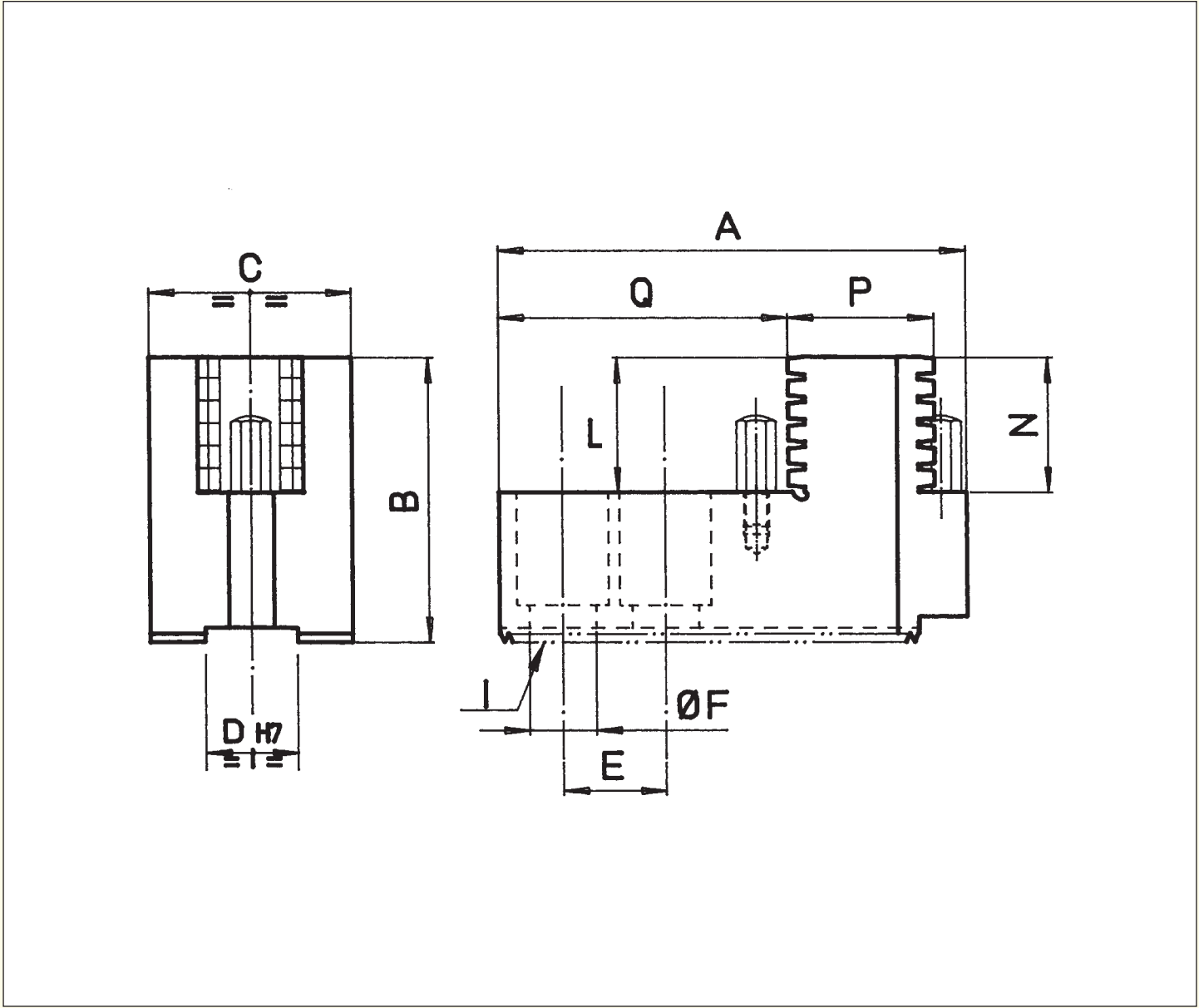


A	B	C	DH7	E	Ø F	G	I	L	P
MATERIALE/MATERIAL			CLIENTE/CLIENT				QUANTITA'/QUANTITY		

MORSETTI TEMPRATI PER PEZZO
VARI DIAMETRI
HARD JAWS FOR MANY DIAMETERS

IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.

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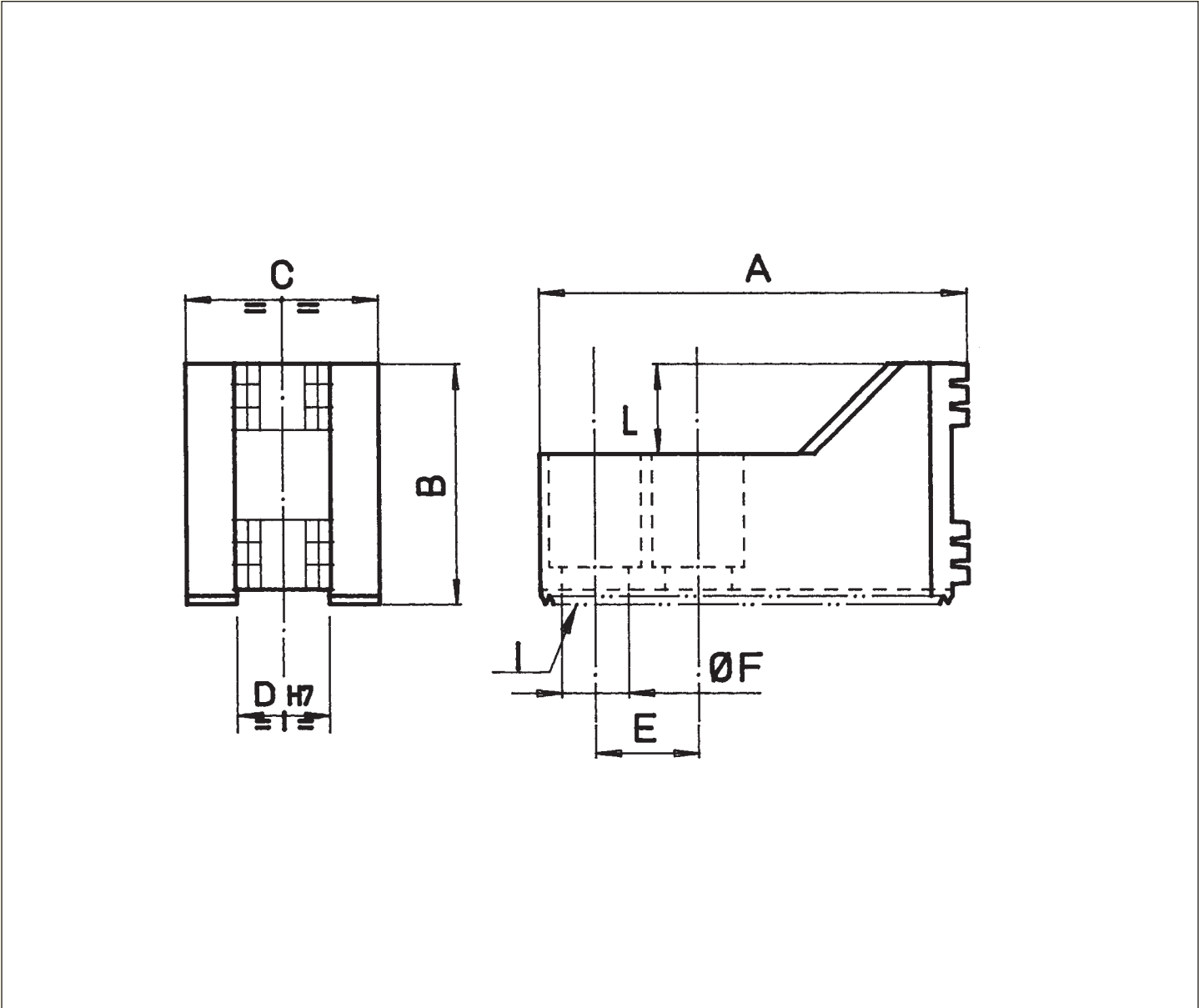


A	B	C	DH7	E	Ø F	I	L	N	P	Q
MATERIALE/MATERIAL				CLIENTE/CLIENT				QUANTITA'/QUANTITY		

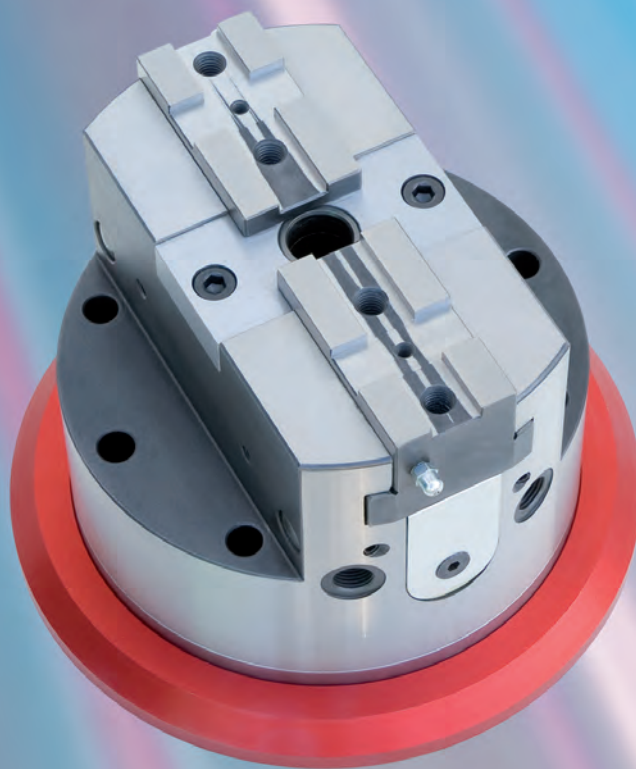
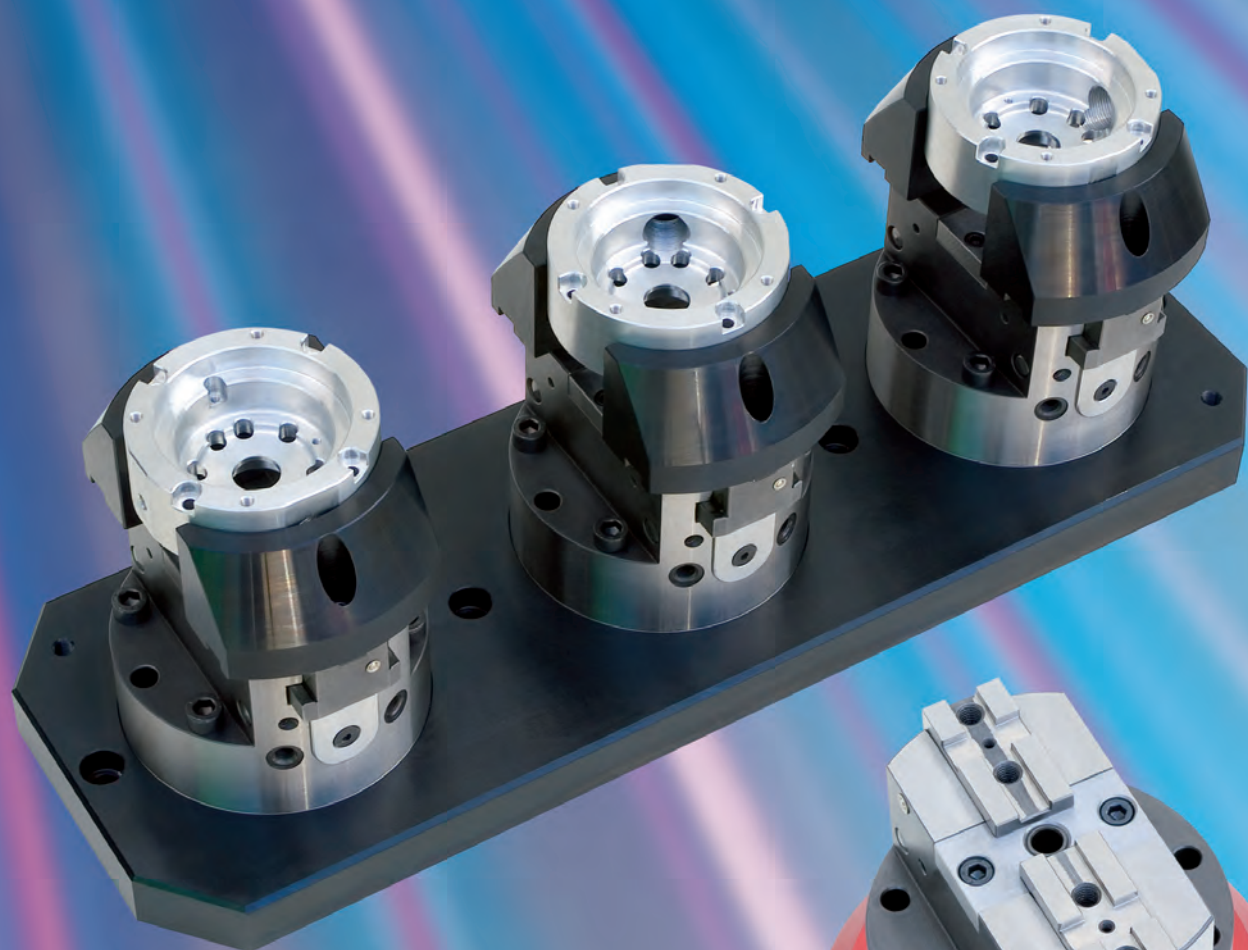
MORSETTI TEMPRATI PER LAVORAZIONI DA BARRA

HARD JAWS FOR THRU-HOLE POWER CHUCKS

IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITA'.
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A	B	C	DH7	E	Ø F	I	L
MATERIALE/MATERIAL			CLIENTE/CLIENT			QUANTITA'/QUANTITY	

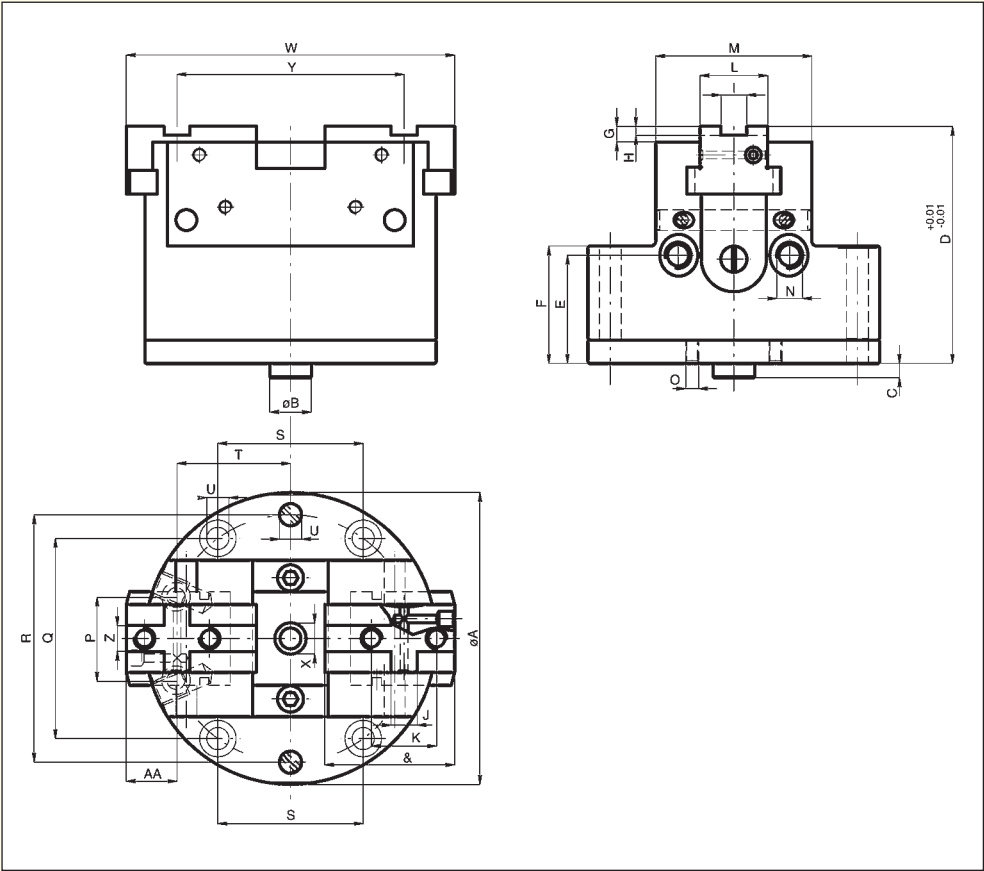


MORSE E BASI MULTIPLE

A SERRAGGIO IDRAULICO E PNEUMATICO

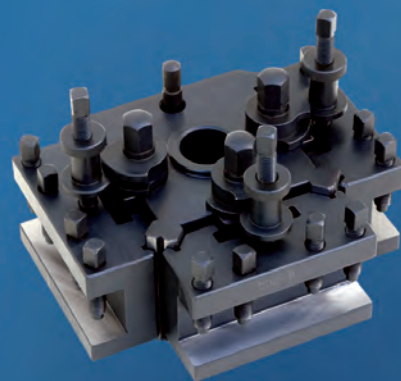
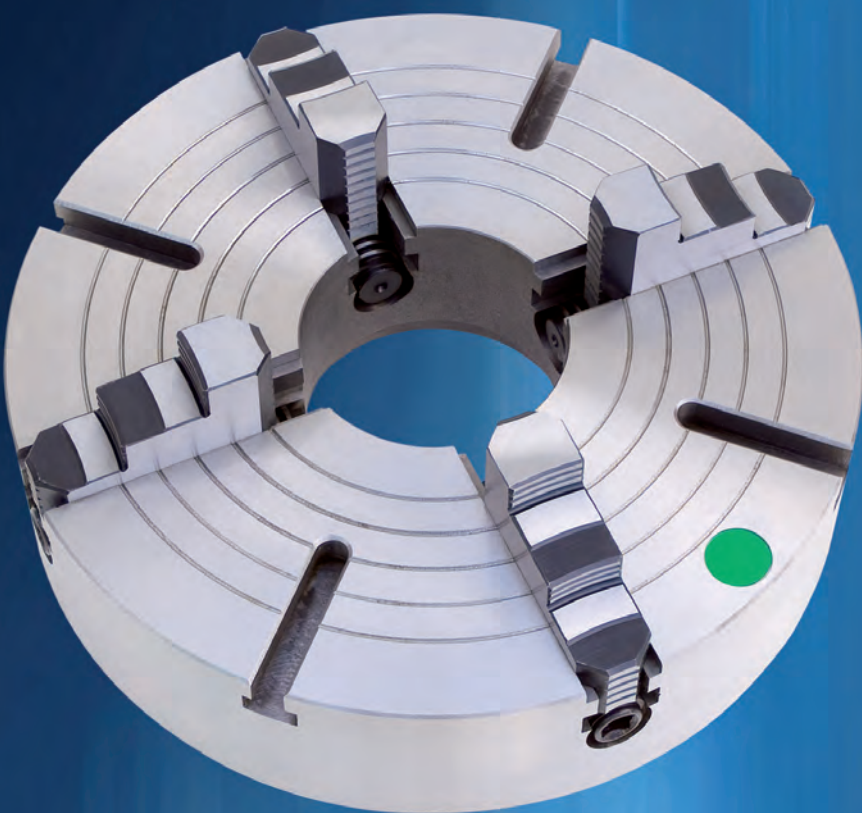
VICES AND MULTIPLE BASES FOR HYDRAULIC AND PNEUMATIC CLAMPING

TIPO A
TYPE A



TIPO TYPE	FORZA DI SERRAGGIO N GRIPPING FORCE N				CORSO mm STROKE mm	PESO Kg WEIGHT Kg
	6 BAR	9 BAR	12 BAR	20 BAR		
A 85	1508	2259	3015	-	10	2
A 110	2275	3413	4551	-	12	4,5
A 140	3511	5267	7023	11703	16	9
A 170	6062	9093	12125	20208	18	17

TIPO TYPE	A 85	A 110	A 140	A 170
A mm	85	112	138	168
B mm	14h6	16h6	20h6	25h6
C mm	5,5	5,5	5	4,5
D mm	73	91	117	138
E mm	36	41,5	50	66,5
F mm	40	45	58	68
G mm	5	6	7,5	8
H mm	3,5	3,5	3,5	4
I mm	8H7	10H7	12H7	16H7
J mm	8H7	10H7	12H7	16H7
K mm	20	25	33	40
L mm	20	26	34	40
M mm	45	60	75	90
N mm	M5	G1/8	G1/8	G1/4
O mm	M5	M5	M8	M8
P mm	28	32	40	49
Q mm	58,3	77	97	107
R mm	72	95	120	145
S mm	42,3	56	70,5	99
T mm	33	44	56,5	68
U mm	6,5	8,5	10,5	11
W mm	96	126	158	184
X mm	-	8	13,5	19
Y mm	64	87	108	122
Z mm	M6	M8	M8	M10
Ø mm	40	50	62,5	73
AA mm	16	19,5	25	31



ATTREZZATURE PER MACCHINE UTENSILI

EQUIPMENTS FOR MACHINE TOOLS

AUTOCENTRANTI A COMANDO MANUALE

dal diametro 85 al diametro 630

MANUAL SELF-CENTERING CHUCKS

from diameter 85 to diameter 630

PIATTAFORME A 4 GRIFFE INDIPENDENTI

dal diametro 400 al diametro 1000

4 - JAW INDIPENDENT CHUCKS

from diameter 400 to diameter 1000

TORRETTE PORTAUTENSILI PER TORNIO

tipo "A" "B" "C" "D"

TOOL TURRETS FOR LATHE

type "A" "B" "C" "D"

MORSE MODULARI DI PRECISIONE

MODULAR VICES OF PRECISION

mm 100x30x100

mm 150x50x200

mm 175x60x300

mm 200x65x400