



ACCESSORI DI PRECISIONE
PER MACCHINE UTENSILI

OFFICINE MECCANICHE
MORARI

PORTAUTENSILI

Tool holder

DIN 69880

PORTAUTENSILI PRISMATICI

Tool holder

VDI 3425

PORTAUTENSILI PER TORNI OKUMA

Tool holder for
OKUMA lathes

VDI 3425

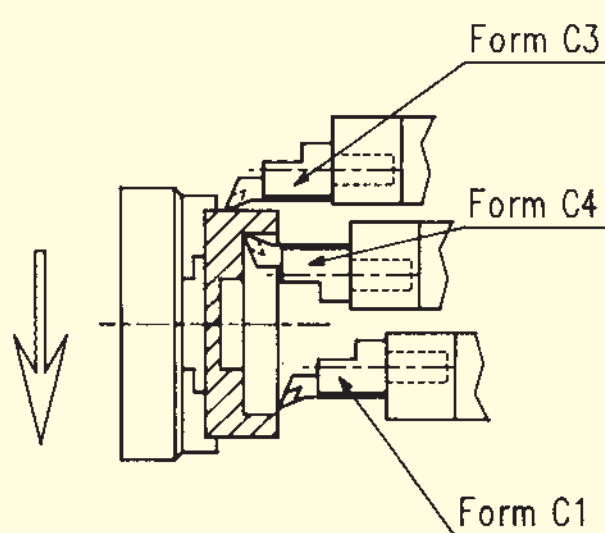
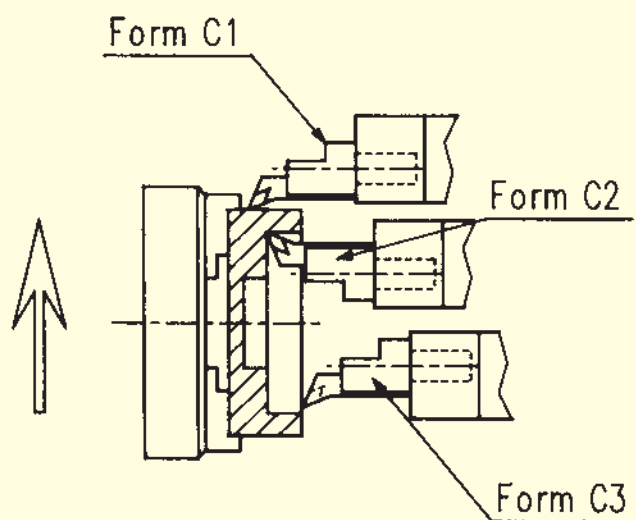
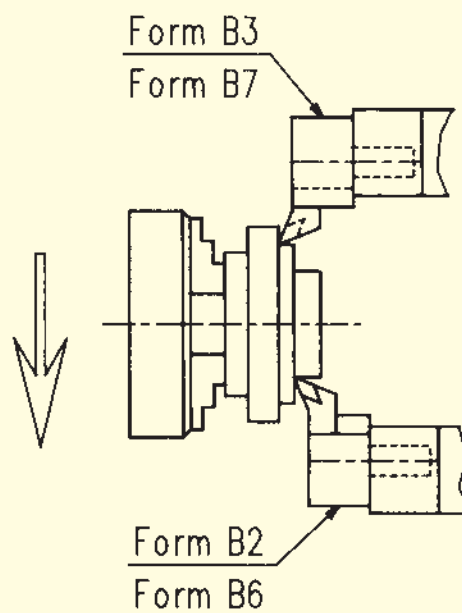
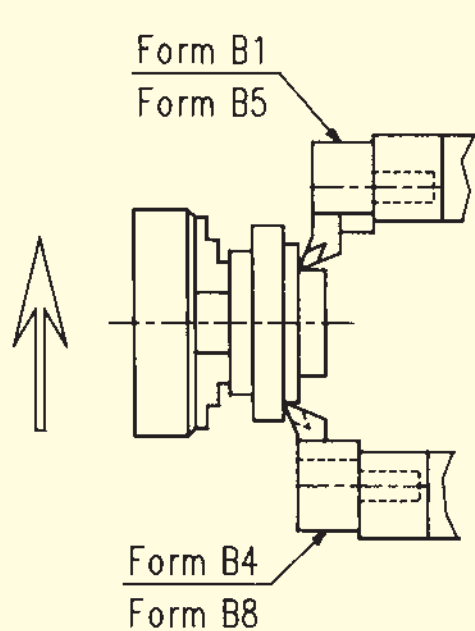


Portautensili frontali a norme DIN 69880
Front tool holders DIN 69880

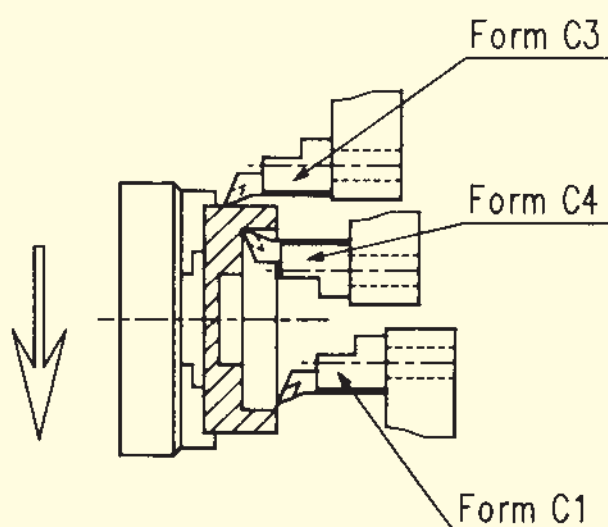
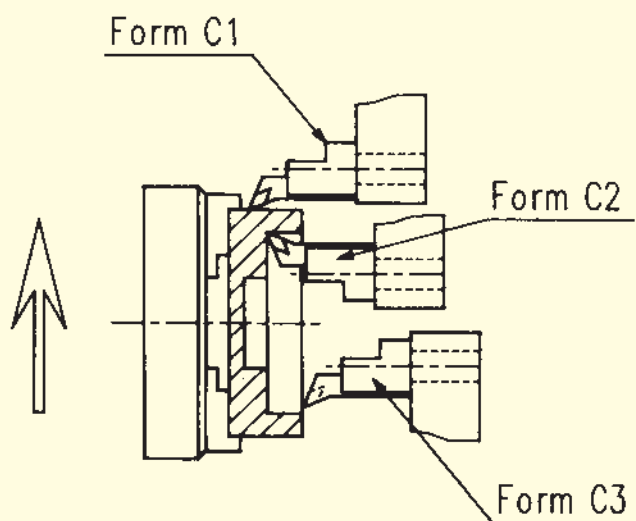
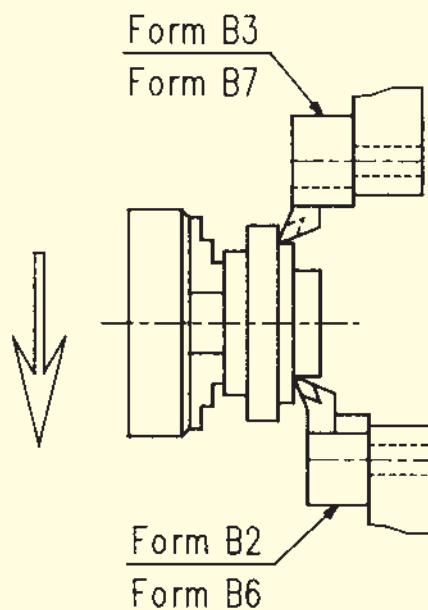
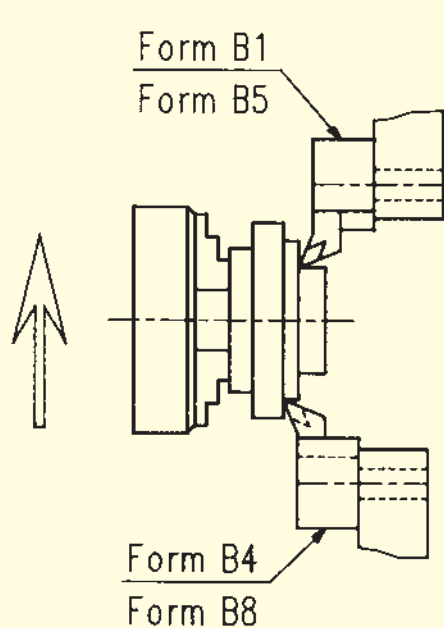
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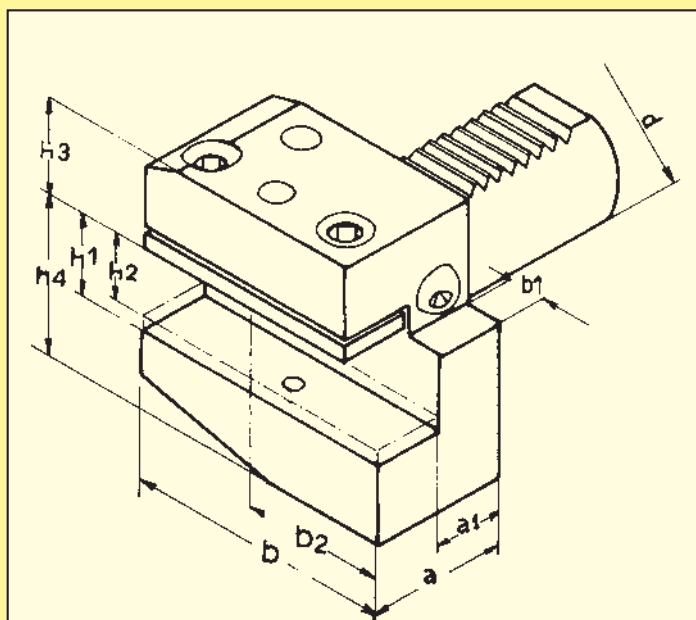
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5		5		5		5	
6		6		6		6	
7		7		7		7	
8		8		8		9	
9		9		10		10	
12		12		14		15	

Esempi di utilizzo dei vari portautensili su platorelli radiali
Example of application on radial tool disc



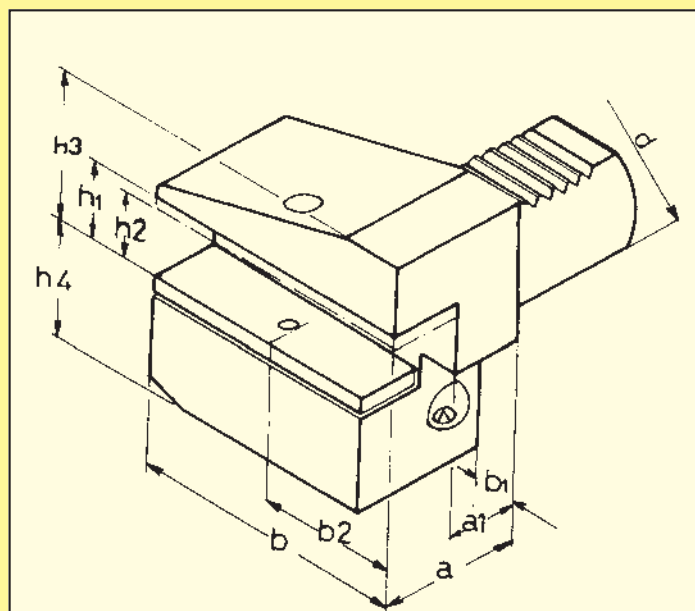
Esempi di utilizzo dei vari portautensili su platorelli frontali
Example of application on axial tool disc





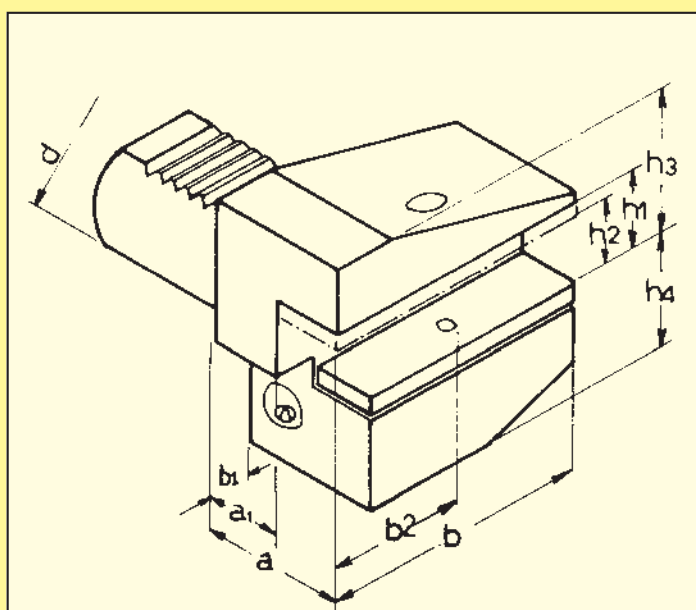
Form 3.1/B1

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.050	16	24	13	42	5	23	12	10	20	22	
0.16.050	20	30	16	55	7	30	16	16	25	30	
1.20.050	30	40	22	70	10	35	20	16	28	38	
2.25.050	40	44	22	85	12,5	42,5	25	20	32,5	48	
3.32.050	50	55	30	100	16	50	32	25	35	60	
4.32.050	60	60	30	125	16	62,5	32	25	42,5	62,5	
5.40.050	80	75	40	160	20	80	40	32	55	80	



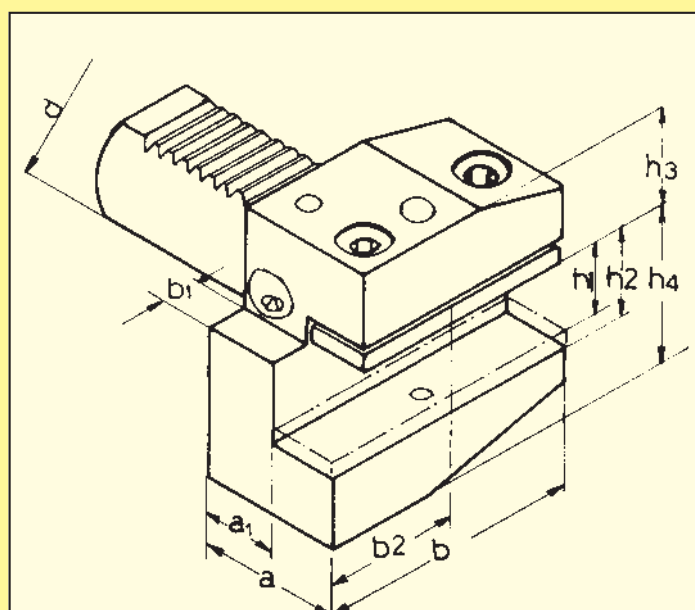
Form 3.2/B3

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.045	16	24	13	42	5	23	12	10	22	20	
0.16.045	20	30	16	55	7	30	16	16	30	25	
1.20.045	30	40	22	70	10	35	20	16	38	35	
2.25.045	40	44	22	85	12,5	42,5	25	20	48	42,5	
3.32.045	50	55	30	98	16	50	32	25	60	50	
4.32.045	60	60	30	125	16	62,5	32	25	62,5	62,5	
5.40.045	80	75	40	160	20	80	40	32	80	80	



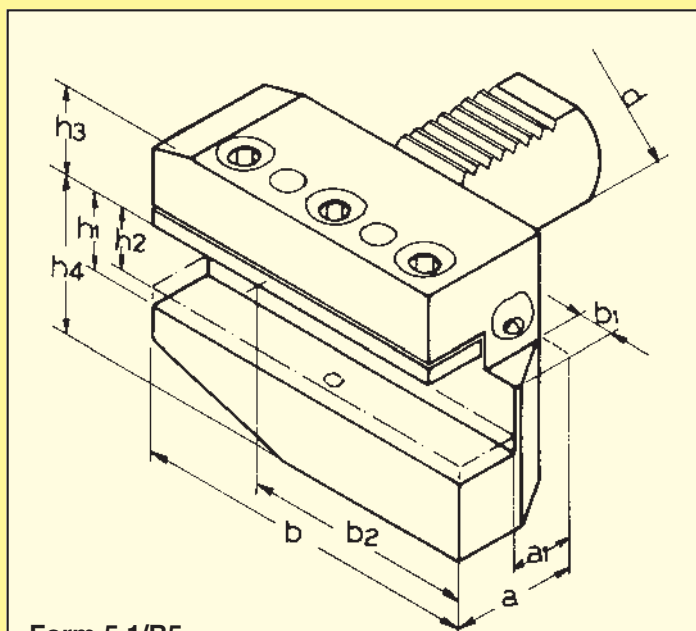
Form 3.3/B4

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.45	16	24	13	42	5	23	12	10	22	20	
0.16.45	20	30	16	55	7	30	16	16	30	25	
1.20.45	30	40	22	70	10	35	20	16	38	35	
2.25.45	40	44	22	85	12,5	42,5	25	20	48	42,5	
3.32.45	50	55	30	100	16	50	32	25	60	50	
4.32.45	60	60	30	125	16	62,5	32	25	62,5	62,5	
5.40.45	80	75	40	160	20	80	40	32	80	80	



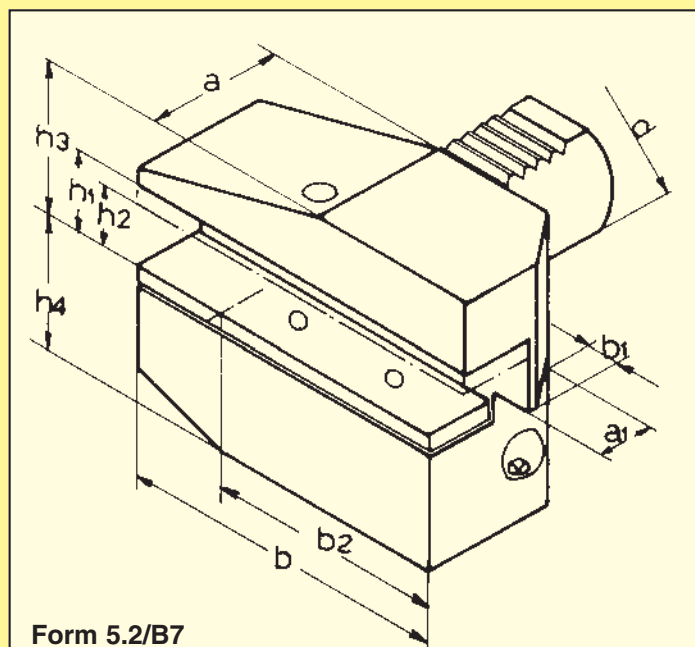
Form 3.4/B2

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.50	16	24	13	42	5	23	12	10	20	22	
0.16.50	20	30	16	55	7	30	16	16	25	30	
1.20.50	30	40	22	70	10	35	20	16	28	38	
2.25.50	40	44	22	85	12,5	42,5	25	20	32,5	48	
3.32.50	50	55	30	100	16	50	32	25	35	60	
4.32.50	60	60	30	125	16	62,5	32	25	42,5	62,5	
5.40.50	80	75	40	160	20	80	40	32	55	80	



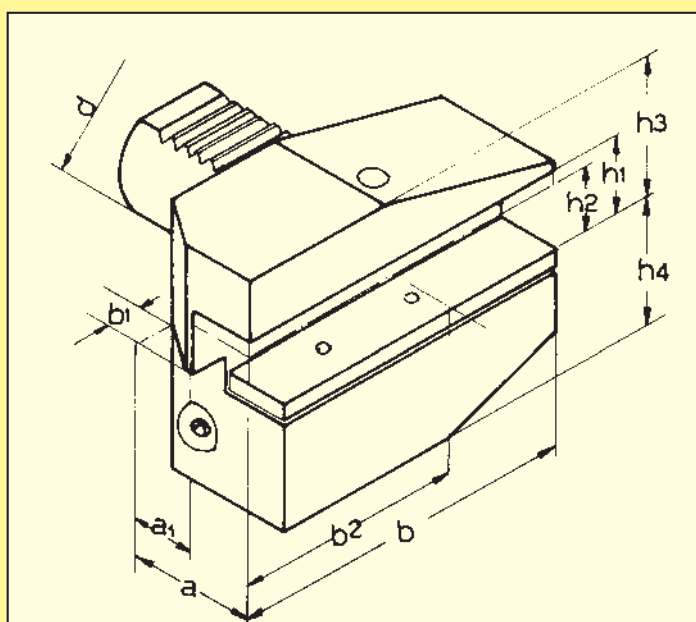
Form 5.1/B5

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.064	16	24	13	58	5	39	12	10	20	22	
0.16.064	20	30	16	75	7	50	16	16	25	30	
1.20.064	30	40	22	100	10	65	20	16	28	38	
2.25.064	40	44	22	118	12,5	75,5	25	20	32,5	48	
3.32.064	50	55	30	130	16	80	32	25	35	60	
4.32.064	60	60	30	145	16	82,5	32	25	42,5	62,5	
5.40.064	80	75	40	190	20	110	40	32	55	80	



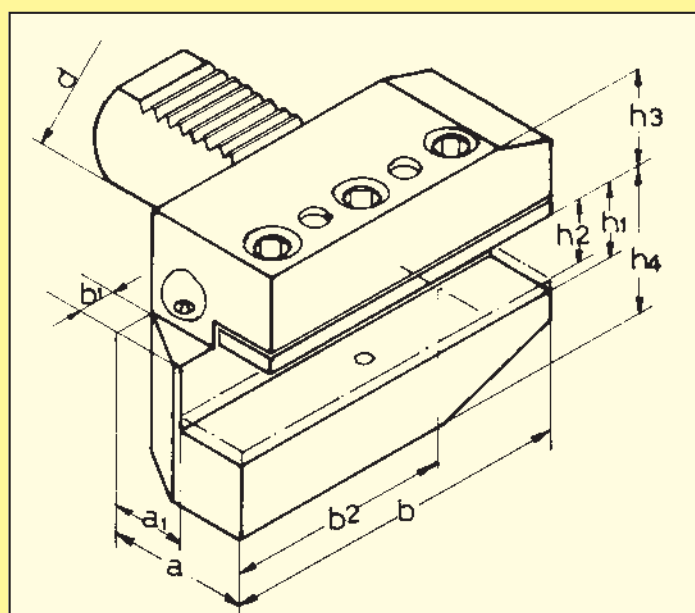
Form 5.2/B7

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.040	16	24	13	58	5	39	12	10	22	20	
0.16.040	20	30	16	75	7	50	16	16	30	25	
1.20.040	30	40	22	100	10	65	20	16	38	35	
2.25.040	40	44	22	118	12,5	75,5	25	20	48	42,5	
3.32.040	50	55	30	130	16	80	32	25	60	50	
4.32.040	60	60	30	145	16	82,5	32	25	62,5	62,5	
5.40.040	80	75	40	190	20	110	40	32	80	80	



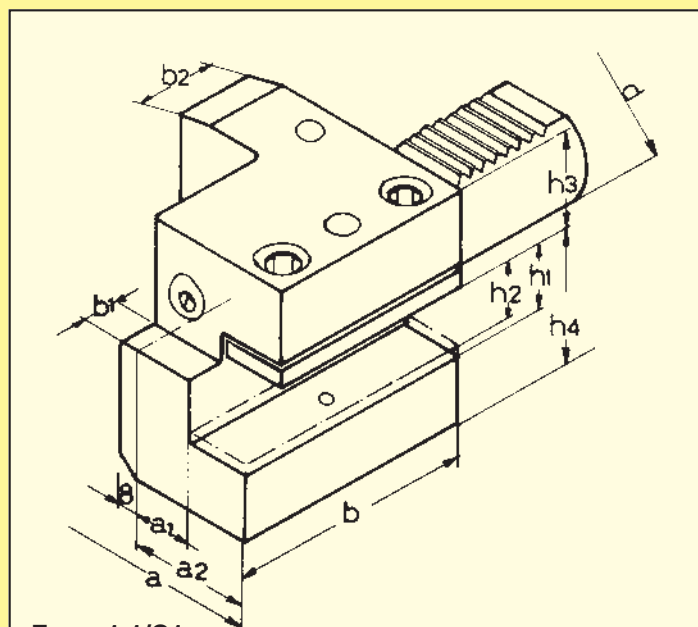
Form 5.3/B8

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.40	16	24	13	58	5	39	12	10	22	20	
0.16.40	20	30	16	75	7	50	16	16	30	25	
1.20.40	30	40	22	100	10	65	20	16	38	35	
2.25.40	40	44	22	118	12,5	75,5	25	20	48	42,5	
3.32.40	50	55	30	130	16	80	32	25	60	50	
4.32.40	60	60	30	145	16	82,5	32	25	62,5	62,5	
5.40.40	80	75	40	190	20	110	40	32	80	80	



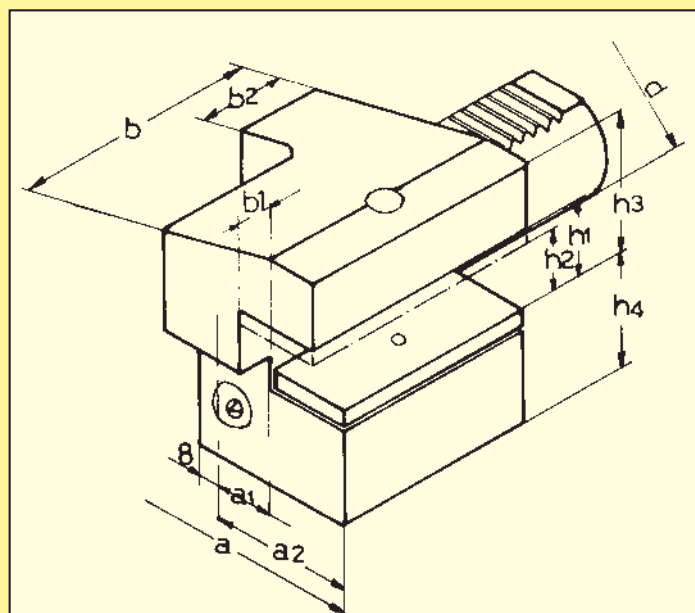
Form 5.4/B6

Codice	d	a	a ₁	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.12.64	16	24	13	58	5	39	12	10	20	22	
0.16.64	20	30	16	75	7	50	16	16	25	30	
1.20.64	30	40	22	100	10	65	20	16	28	38	
2.25.64	40	44	22	118	12,5	75,5	25	20	32,5	48	
3.32.64	50	55	30	130	16	80	32	25	35	60	
4.32.64	60	60	30	145	16	82,5	32	25	42,5	62,5	
5.40.64	80	75	40	190	20	110	40	32	55	80	



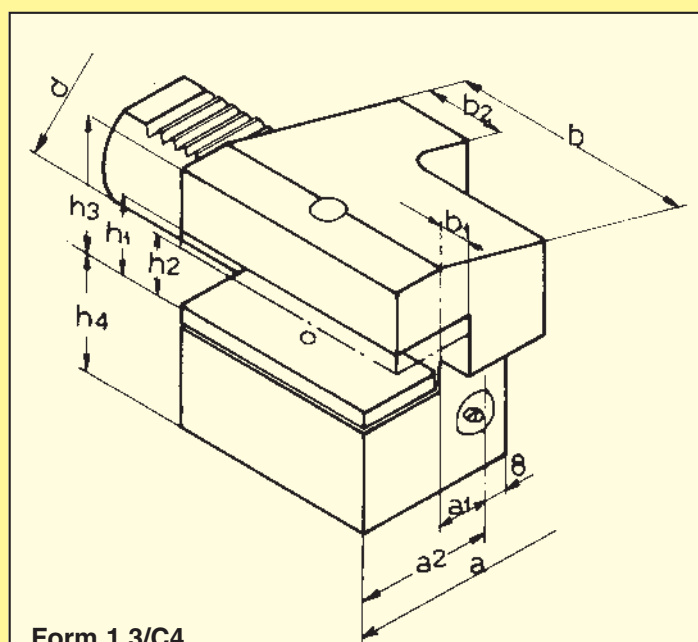
Form 1.1/C1

Codice	d	a	a ₁	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄
0.12.062	16	43	13	24	44	5	20	12	10	20	22
0.16.062	20	65	26	40	50	-	30	16	16	25	30
1.20.062	30	70	17	35	70	10	30	20	16	28	38
2.25.062	40	85	20,5	42,5	85	12,5	30	25	20	32,5	48
3.32.062	50	100	25,5	50	100	16	40	32	25	35	60
4.32.062	60	125	32,5	62,5	125	16	40	32	25	42,5	62,5
5.40.062	80	160	42	78	160	20	40	40	32	55	80



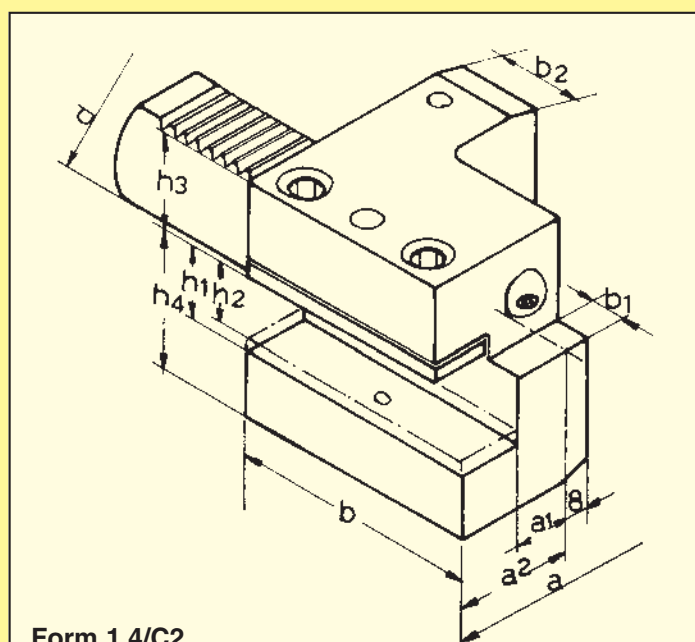
Form 1.2/C3

Codice	d	a	a ₁	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄
0.12.063	16	43	13	24	44	5	20	12	10	22	20
0.16.063	20	65	26	40	50	-	30	16	16	30	25
1.20.063	30	70	17	35	70	10	30	20	16	38	35
2.25.063	40	85	20,5	42,5	85	12,5	30	25	20	48	42,5
3.32.063	50	100	25,5	50	100	16	40	32	25	60	50
4.32.063	60	125	32,5	62,5	125	16	40	32	25	62,5	62,5
5.40.063	80	160	42	78	160	20	40	40	32	80	80



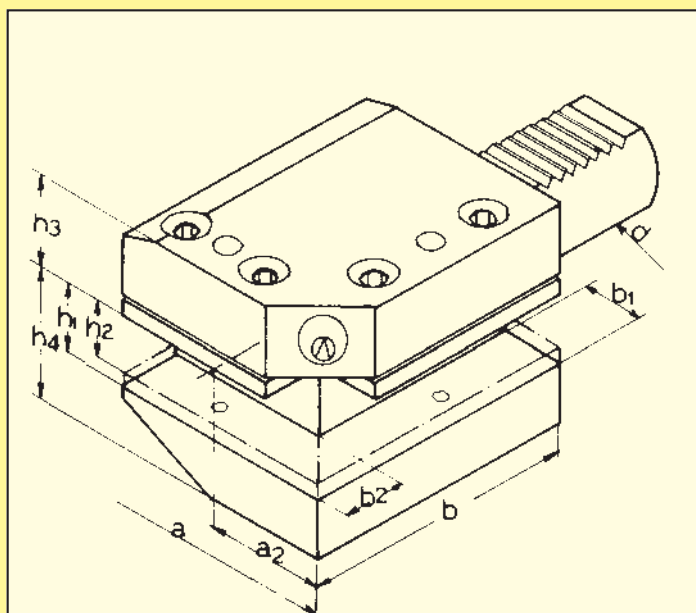
Form 1.3/C4

Codice	d	a	a ₁	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄
0.12.63	16	42	13	24	44	5	20	12	10	22	20
0.16.63	20	65	26	40	50	-	30	16	16	30	25
1.20.63	30	76	23	41	70	10	30	20	16	38	35
2.25.63	40	90	25,5	47,5	85	12,5	30	25	20	48	42,5
3.32.63	50	105	30,5	55	100	16	40	32	25	60	50
4.32.63	60	125	32,5	62,5	125	16	40	32	25	62,5	62,5
5.40.63	80	160	42	78	160	20	40	40	32	80	80



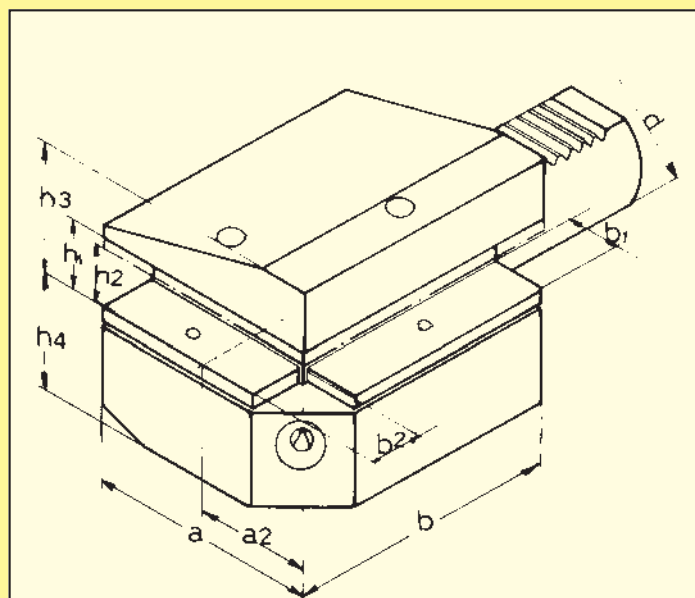
Form 1.4/C2

Codice	d	a	a ₁	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄
0.12.62	16	42	13	24	44	5	20	12	10	20	22
0.16.62	20	65	26	40	50	-	30	16	16	25	30
1.20.62	30	76	23	41	70	10	30	20	16	28	38
2.25.62	40	90	25,5	47,5	85	12,5	30	25	20	32,5	48
3.32.62	50	105	30,5	55	100	16	40	32	25	35	60
4.32.62	60	125	32,5	62,5	125	16	40	32	25	42,5	62,5
5.40.62	80	160	42	78	160	20	40	40	32	55	80



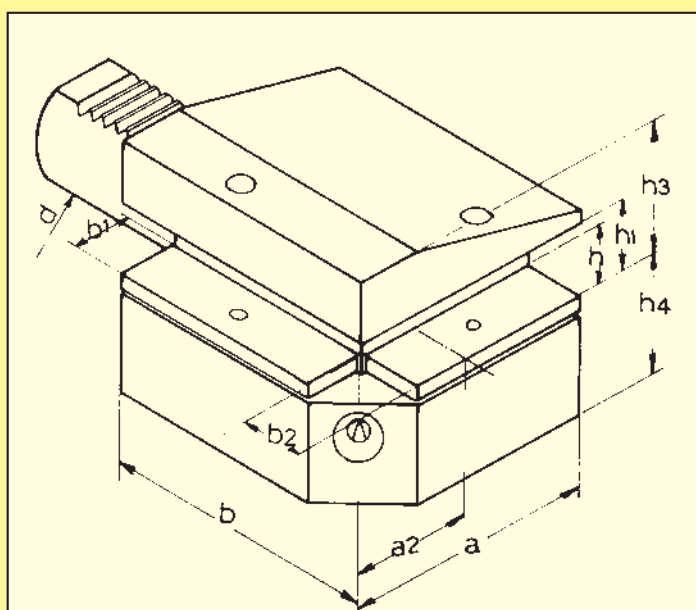
Form C1 + B1

Codice	d	a	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.16.051	20	65	40	50	14	14	16	16	25	30	
1.20.051	30	74	40	70	18	18	20	16	28	38	
2.25.051	40	85	45	100	22	22	25	20	32,5	48	
3.32.051	50	105	55	120	25	25	32	25	35	60	
4.32.051	60	125	62,5	135	30	30	32	25	42,5	62,5	
5.40.051	80	160	80	160	40	40	40	32	55	80	



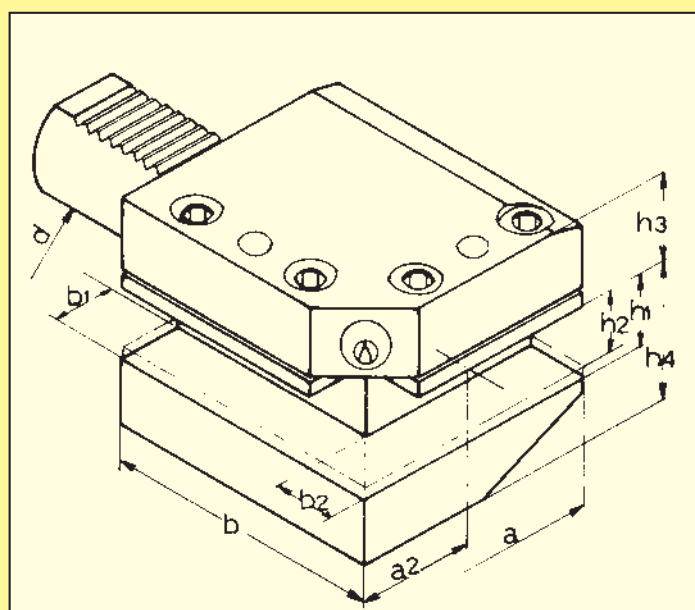
Form C3 + B3

Codice	d	a	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.16.035	20	65	40	50	14	14	16	16	32	25	
1.20.035	30	70	35	70	18	18	20	16	38	35	
2.25.035	40	85	42,5	100	22	22	25	20	48	42,5	
3.32.035	50	100	51	120	25	25	32	25	58	49	
4.32.035	60	125	62,5	135	30	30	32	25	62	62	
5.40.035	80	160	78	160	40	40	40	32	80	80	



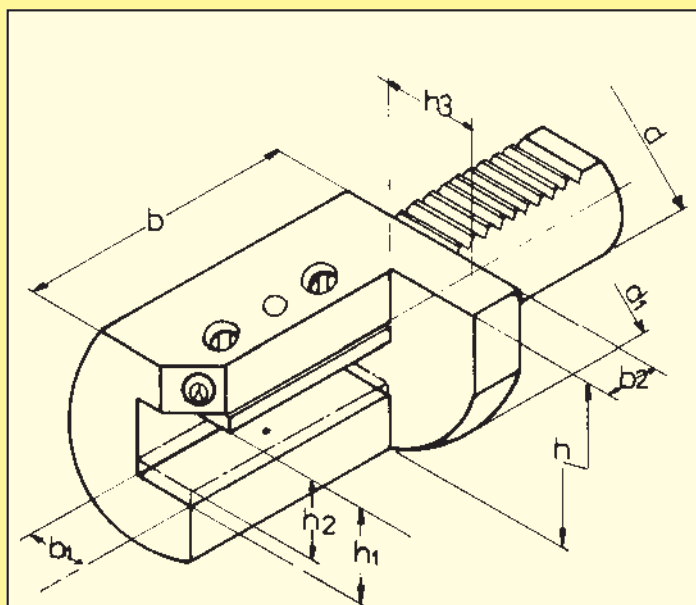
Form B4 + C4

Codice	d	a	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.16.35	20	65	40	50	14	14	16	16	25	30	
1.20.35	30	74	39	70	18	18	20	16	38	35	
2.25.35	40	90	47	100	22	22	25	20	48	42,5	
3.32.35	50	105	55	120	25	25	32	25	59	49	
4.32.35	60	125	62,5	135	30	30	32	25	62	62	
5.40.35	80	160	80	160	40	40	40	32	80	80	



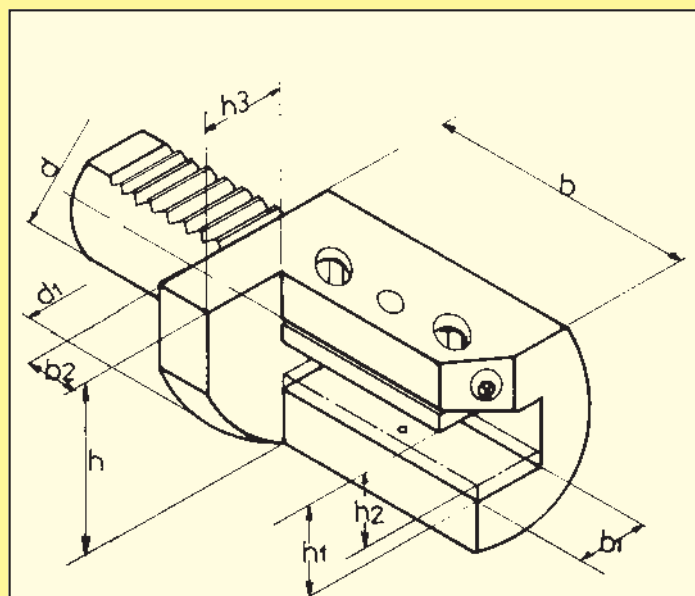
Form B2 + C2

Codice	d	a	a ₂	b	b ₁	b ₂	h ₁	h ₂	h ₃	h ₄	
0.16.51	20	65	40	50	14	14	16	16	25	30	
1.20.51	30	70	40	70	18	18	20	16	28	38	
2.25.51	40	85	47	100	22	22	25	20	32,5	48	
3.32.51	50	105	50	120	25	25	32	25	35	60	
4.32.51	60	125	62,5	135	30	30	32	25	42,5	62	
5.40.51	80	160	80	160	40	40	40	32	55	80	



Form E

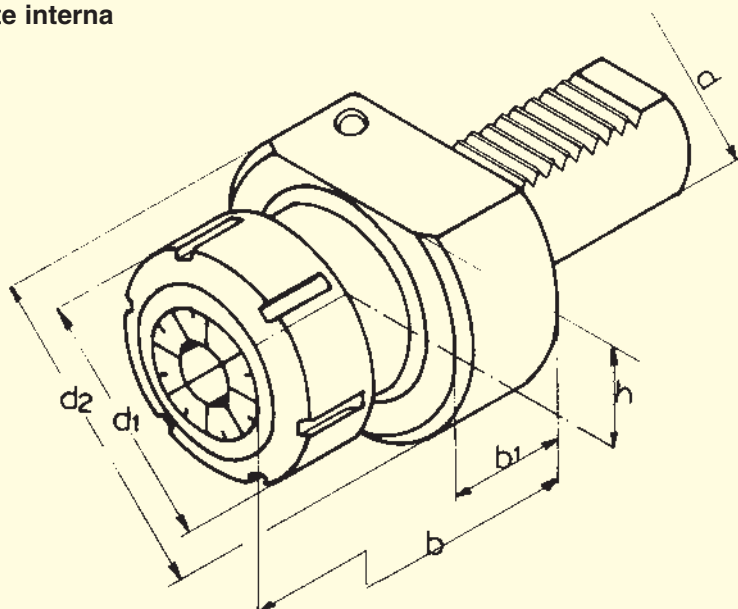
Codice	d	d ₁	b	b ₁	b ₂	h	h ₁	h ₂	h ₃		
1.20.052	30	83	83	18	18	69,5	20	16	27,5		
2.25.052	40	95	100	22	22	84	25	20	34,5		
3.32.052	50	118	120	25	25	100	32	25	41		
4.32.052	60	123	135	30	30	100	32	-	41		
5.40.052	80	155	140	38	38	132	40	-	53		



Form E

Codice	d	d ₁	b	b ₁	b ₂	h	h ₁	h ₂	h ₃		
1.20.52	30	83	83	18	18	69,5	20	16	27,5		
2.25.52	40	95	100	22	22	84	25	20	34,5		
3.32.52	50	118	120	25	25	100	32	25	41		
4.32.52	60	123	135	30	30	100	32	-	41		
5.40.52	80	155	140	38	38	132	40	-	53		

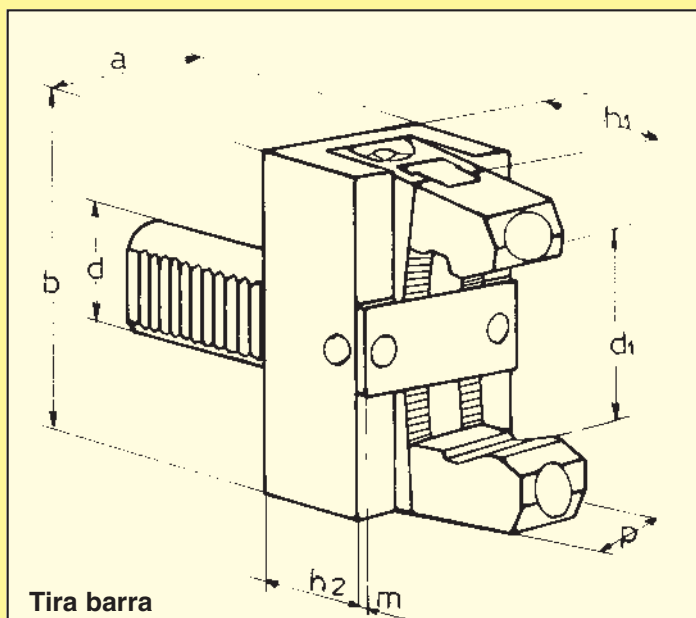
Adduzione del refrigerante interna With internal coolant



Form E3

Codice	d	d ₁	d ₂	b	b ₁	h	Tipo pinza Collet type		
0.12.60	16	34	40	57	22	15	ER 20 ø1-ø13		
0.16.60	20	42	50	60	18	20	ER 25 ø1-ø16		
1.20.59	30	42	68	57	22	28	ER 25 ø1-ø16		
1.20.61	30	50	68	73	22	28	ER 32 ø2-ø20		
1.20.60	30	63	68	75	22	28	ER 40 ø4-ø26		
2.25.61	40	50	83	73	22	32,5	ER 32 ø2-ø20		
2.25.60	40	63	83	75	22	32,5	ER 40 ø4-ø26		

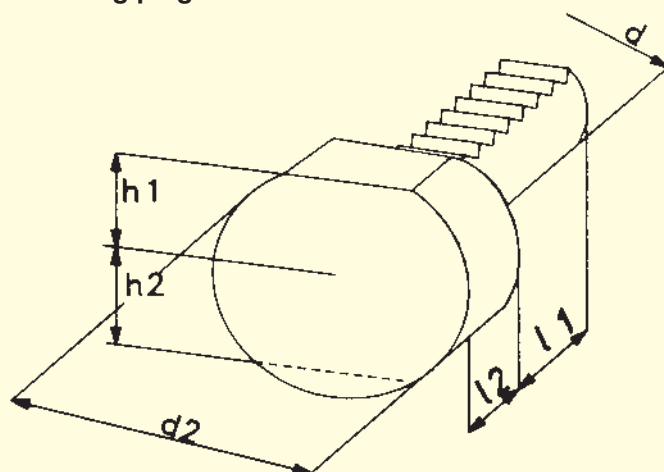
Codice	d	d ₁	d ₂	b	b ₁	h	Tipo pinza Collet type		
3.32.61	50	50	98	73	30	35	ER 32 ø2-ø20		
3.32.60	50	63	98	75	30	35	ER 40 ø4-ø26		
4.25.61	60	50	123	100	30	42,5	ER 32 ø2-ø20		
4.32.60	60	83	123	100	30	42,5	ER 60 ø10-ø40		
5.40.60	80	83	158	100	40	55	ER 60 ø10-ø40		



Tira barra
Puller chuck

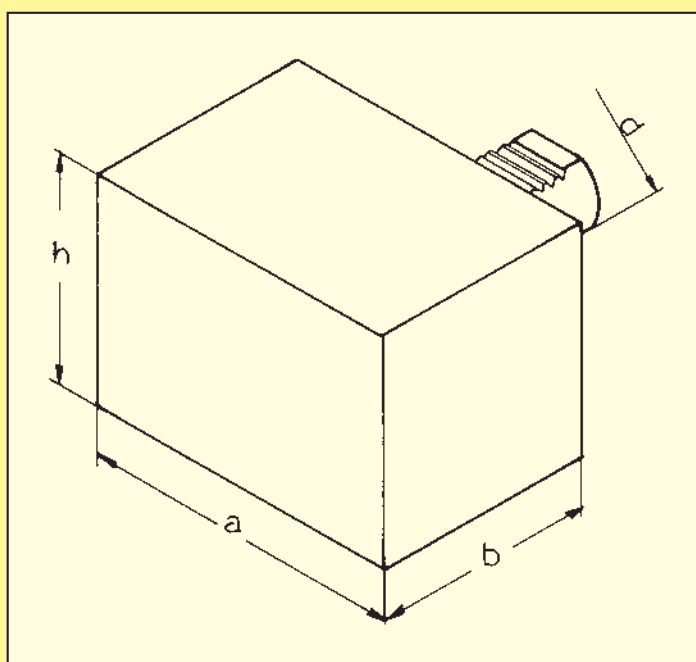
Codice	d	a	b	h ₁	h ₂	m	p	d ₁	d ₃
1.20.67	30	50	72	51	45	4	28	6/55	54/100
2.25.67	40	60	108	53	48	4	28	8/60	54/110
3.32.67	50	65	128	73	67	6	28	10/75	65/125
4.32.67	60	65	128	73	67	6	28	20/85	65/130

Tappo di protezione
Blanking plug

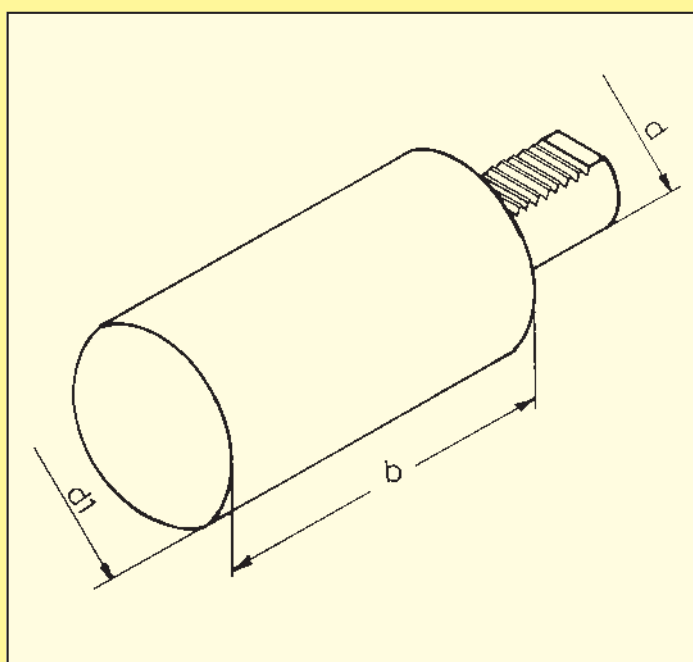


In materiale plastico
Plastic material

Codice	d	d ₂	h ₁	h ₂	l ₂	l ₁								
0.12.90	16	40	18	18	12	30								
0.16.90	20	50	22	22	12	38								
1.20.90	30	68	27	31	16	50								
2.25.90	40	82	32	-	20	54								
3.32.90	50	98	34	-	20	68								
4.40.90	60	123	42	-	20	76								
5.40.90	80	158	55	-	20	94								

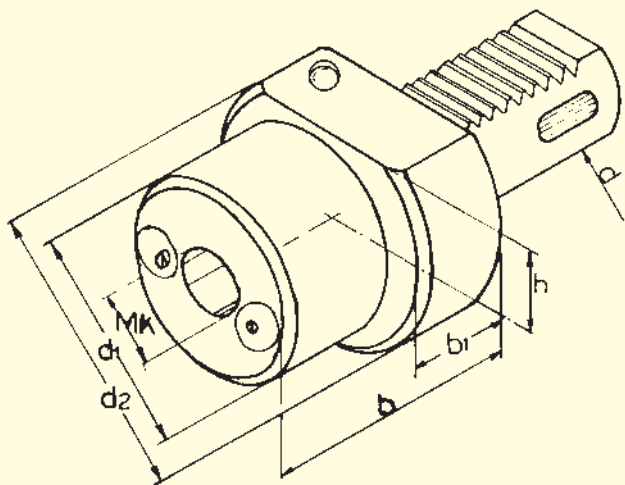


Codice	d	a	b	h										
00.12.B	16	78	44	44										
0.12.B	20	100	65	60										
1.16.B	30	130	85	76										
2.20.B	40	151	100	96										
3.25.B	50	160	125	120										
4.32.B	60	165	160	125										
5.40.B	80	220	200	160										



Codice	d	d ₁	b											
00.12.A	16	40	60											
0.12.A	20	50	70											
1.16.A	30	68	100											
2.20.A	40	83	120											
3.25.A	50	98	135											
4.32.A	60	123	150											
5.40.A	80	158	500											

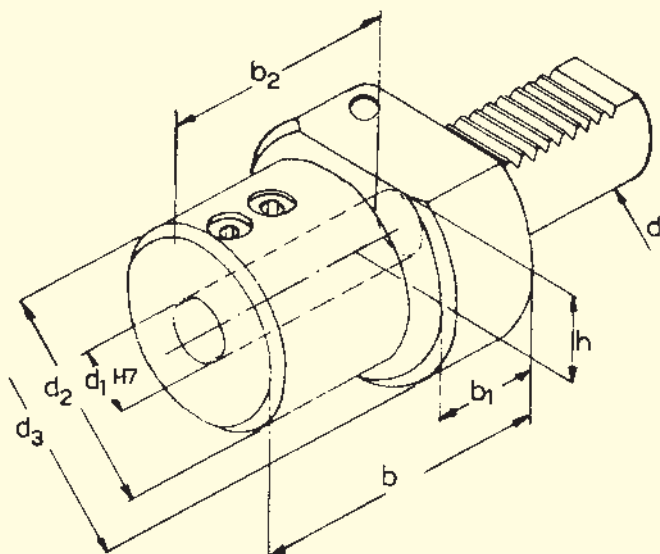
Adduzione del refrigerante interna o esterna
With internal/external coolant



Form A + B DIN 228

Codice	d	b	b ₁	d ₁	d ₂	h	MK	
0.55.1	20	22	-	-	50	22	1	
1.55.1	30	25	-	-	68	28	1	
1.55.2	30	42	25	58	68	28	2	
1.55.3	30	79	25	68	68	28	3	
2.55.2	40	34	25	58	83	32,5	2	
2.55.3	40	58	25	68	83	32,5	3	
2.55.4	40	88	25	72	83	32,5	4	
3.55.2	50	34	25	58	98	35	2	
3.55.3	50	43	25	68	98	35	3	
3.55.4	50	73	25	72	98	35	4	
4.55.2	60	25	-	-	123	42,5	2	
4.55.3	60	27	-	-	123	42,5	3	
4.55.4	60	57	30	72	123	42,5	4	
4.55.5	60	94	30	84	123	42,5	5	
5.55.3	80	27	-	-	158	55	3	
5.55.4	80	57	30	72	158	55	4	
5.55.5	80	94	30	84	158	55	5	

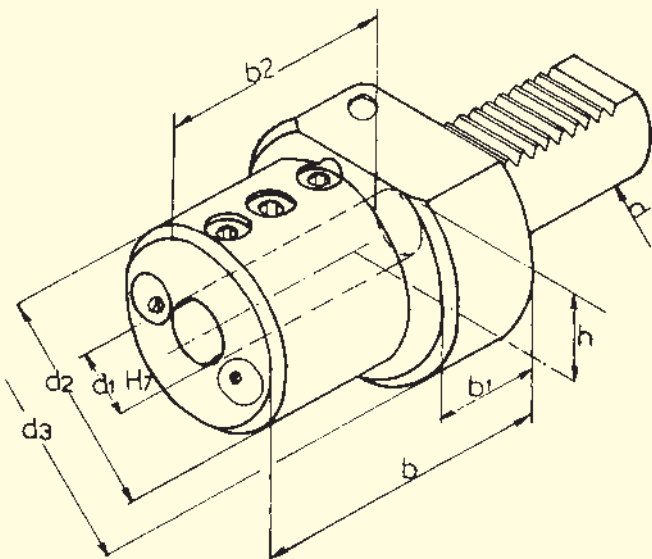
Adduzione del refrigerante interna
With internal/external coolant



Form E1

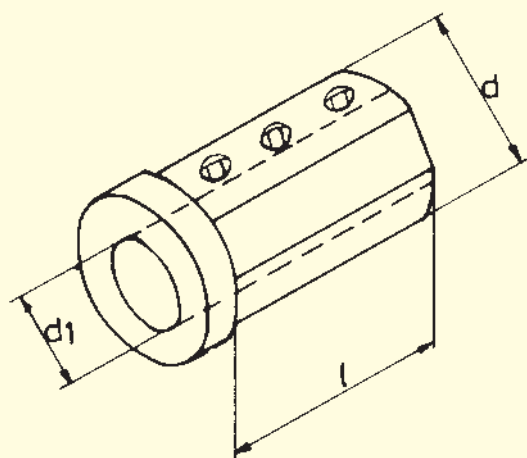
Codice	d	b	b ₁	b ₂	h	d ₃	d ₂	d ₁	
0.16.54.20	20	67	18	54	22	50	40	20	
0.16.54.25	20	71	18	59	22	50	45	25	
1.20.54.20	30	67	22	54	28	68	40	20	
1.20.54.25	30	71	22	59	28	68	45	25	
1.20.54.32	30	75	22	63	28	68	52	32	
2.25.54.20	40	67	22	54	32,5	83	40	20	
2.25.54.25	40	75	22	59	32,5	83	45	25	
2.25.54.32	40	75	22	63	32,5	83	52	32	
2.25.54.40	40	90	22	73	32,5	83	65	40	
3.32.54.20	50	67	30	54	35	98	40	20	
3.32.54.25	50	80	30	59	35	98	45	25	
3.32.54.32	50	80	30	63	35	98	52	32	
3.32.54.40	50	90	30	73	35	98	69	40	
3.32.54.50	50	100	30	83	35	98	75	50	
4.40.54.20	60	80	30	54	42,5	123	40	20	
4.40.54.25	60	80	30	59	42,5	123	45	25	
4.40.54.32	60	80	30	63	42,5	123	52	32	
4.40.54.40	60	90	30	73	42,5	123	65	40	
4.40.54.50	60	100	30	83	42,5	123	75	50	
5.40.54.20	80	80	30	54	55	158	40	20	
5.40.54.25	80	80	30	59	55	158	45	25	
5.40.54.32	80	80	30	63	55	158	52	32	
5.40.54.40	80	90	30	73	55	158	65	40	
5.40.54.50	80	100	30	83	55	158	75	50	

Adduzione del refrigerante interna o esterna
With internal/external coolant



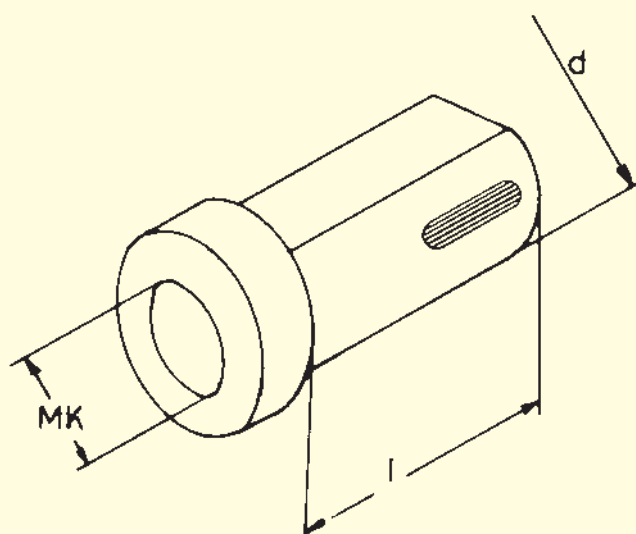
Form E2

Codice	d	b	b ₁	b ₂	h	d ₃	d ₂	d ₁	
0.12.53.8	16	44	13	34	18	40	32	8	
0.12.53.10	16	44	13	34	18	40	32	10	
0.12.53.12	16	44	13	34	18	40	40	12	
0.12.53.16	16	44	13	34	18	40	40	16	
0.16.53.8	20	50	18	41	23	50	40	8	
0.16.53.10	20	50	18	41	23	50	40	10	
0.16.53.12	20	50	18	41	23	50	40	12	
0.16.53.16	20	50	18	41	23	50	40	16	
0.16.53.20	20	50	18	41	23	50	50	20	
0.16.53.25	20	60	18	41	23	50	50	25	
1.20.53.8	30	60	22	43	28	68	55	8	
1.20.53.10	30	60	22	43	28	68	55	10	
1.20.53.12	30	60	22	43	28	68	55	12	
1.20.53.16	30	60	22	51	28	68	55	16	
1.20.53.20	30	60	22	51	28	68	55	20	
1.20.53.25	30	60	22	51	28	68	55	25	
1.20.53.30	30	75	22	61	28	68	68	30	
1.20.53.32	30	75	22	61	28	68	68	32	
2.25.53.8	40	75	22	43	32,5	83	55	8	
2.25.53.10	40	75	22	43	32,5	83	55	10	
2.25.53.12	40	75	22	61	32,5	83	55	12	
2.25.53.16	40	75	22	61	32,5	83	55	16	
2.25.53.20	40	75	22	61	32,5	83	55	20	
2.25.53.25	40	75	22	61	32,5	83	55	25	
2.25.53.30	40	75	22	61	32,5	83	83	30	
2.25.53.32	40	75	22	61	32,5	83	83	32	
2.25.53.40	40	90	22	76	32,5	83	83	40	
3.32.53.12	50	90	30	71	35	98	68	12	
3.32.53.16	50	90	30	76	35	98	68	16	
3.32.53.20	50	90	30	76	35	98	68	20	
3.32.53.25	50	90	30	76	35	98	68	25	
3.32.53.30	50	90	30	76	35	98	68	30	
3.32.53.32	50	90	30	76	35	98	68	32	
3.32.53.40	50	90	30	76	35	98	98	40	
3.32.53.50	50	100	30	86	35	98	98	50	
4.40.53.16	60	90	30	76	42,5	123	68	16	
4.40.53.20	60	90	30	76	42,5	123	68	20	
4.40.53.25	60	90	30	76	42,5	123	68	25	
4.40.53.30	60	90	30	76	42,5	123	68	30	
4.40.53.32	60	90	30	76	42,5	123	68	32	
4.40.53.40	60	90	30	76	42,5	123	98	40	
4.40.53.50	60	100	30	86	42,5	123	98	50	
5.40.53.20	80	100	30	86	55	158	68	20	
5.40.53.25	80	100	30	86	55	158	68	25	
5.40.53.30	80	100	30	86	55	158	68	30	
5.40.53.32	80	100	30	86	55	158	68	32	
5.40.53.40	80	100	30	86	55	158	98	40	
5.40.53.50	80	100	30	86	55	158	98	50	
5.40.53.60	80	100	30	86	55	158	120	60	



Bussola cilindrica
Bushing cylindric

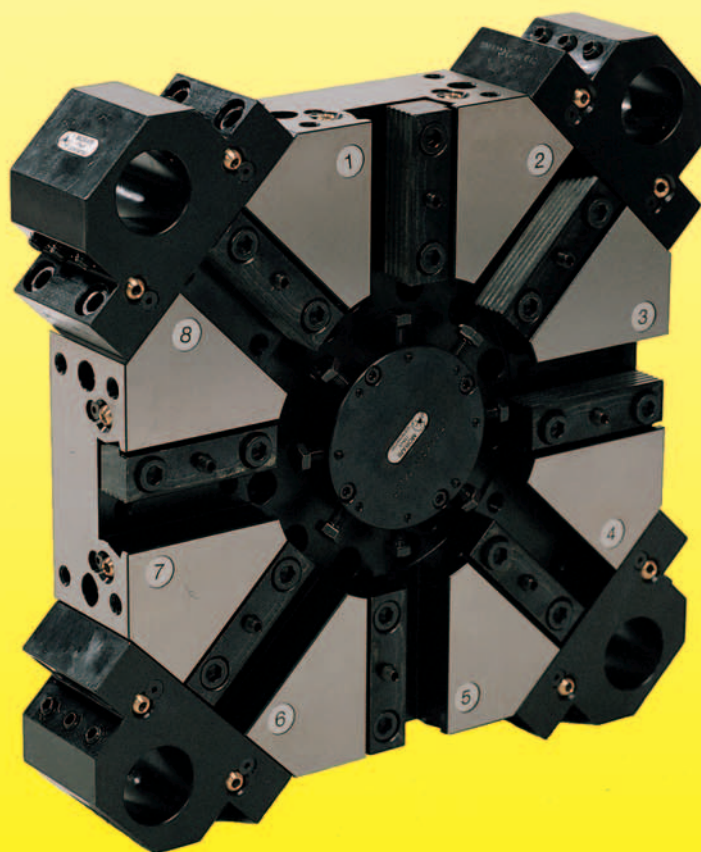
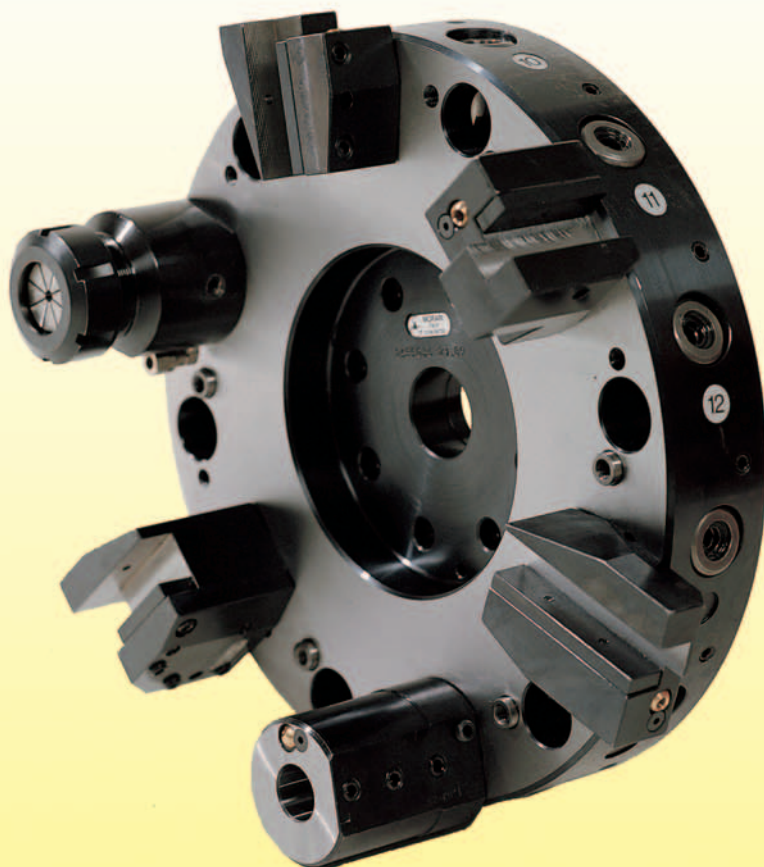
d	d ₁	l	Codice
32	8	60	B 32.08
	10		B 32.10
	12		B 32.12
	15		B 32.15
	16		B 32.16
	20		B 32.20
40	8	70	B 40.08
	10		B 40.10
	12		B 40.12
	15		B 40.15
	16		B 40.16
	20		B 40.20
	25		B 40.25
	32		B 40.32
50	10	75	B 50.10
	12		B 50.12
	15		B 50.15
	16		B 50.16
	20		B 50.20
	25		B 50.25
	32		B 50.32



Bussola MK
Bushing morse taper

d	d ₁	l	Codice
32	1	60	C 32.1
	2		C 32.2
	3		C 32.3
40	1	70	C 40.1
	2		C 40.2
	3		C 40.3
	4		C 40.4
50	1	75	C 50.1
	2		C 50.2
	3		C 50.3
	4		C 50.4
60	2	80	C 60.2
	3		C 60.3
	4		C 60.4
	5		C 60.5

Platorello portautensili
Tool disc

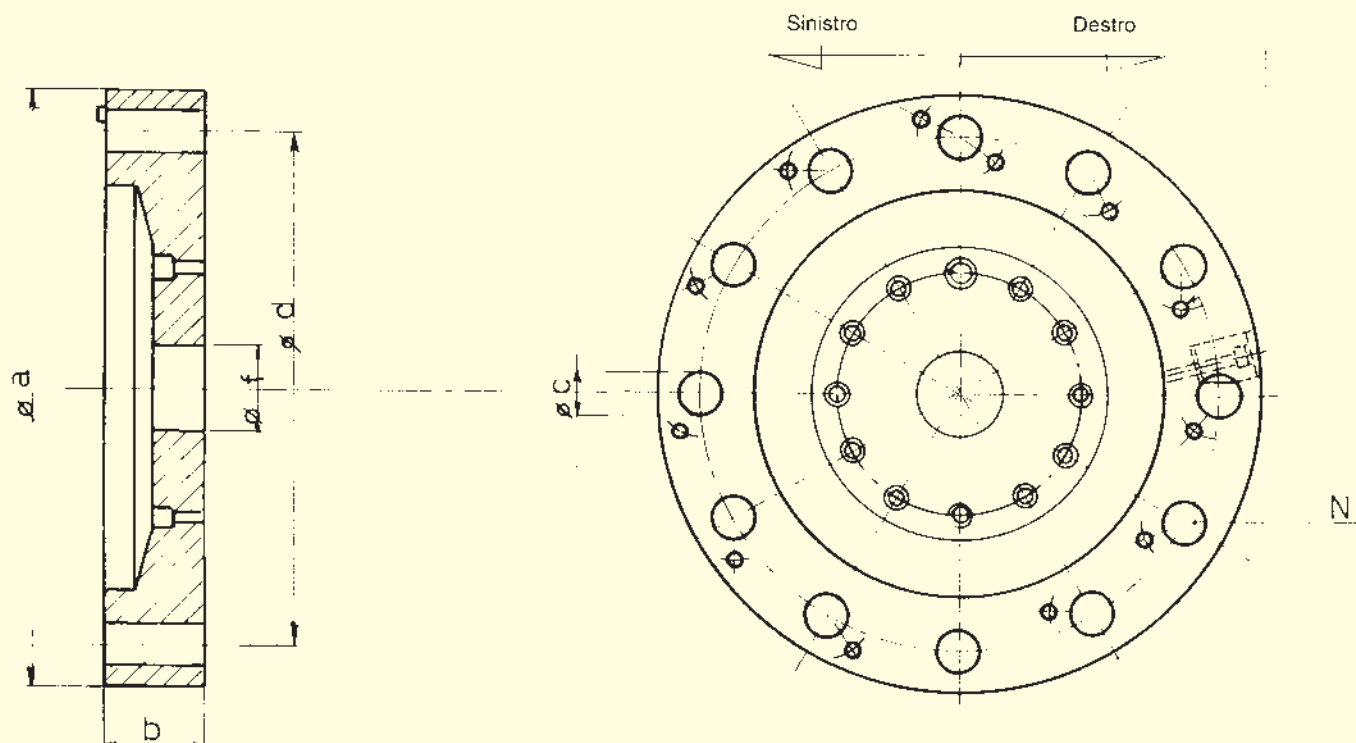


Platorello portautensili per torretta elettromeccanica ad asse orizzontale

Tool disc

Su richiesta si eseguono anche in versione speciale
Special on request

Perno di centratura e afflusso del refrigerante
Truing stud and coolant flow



* Centraggio da definire secondo il tipo di torretta
* Central hole on request on the turret model

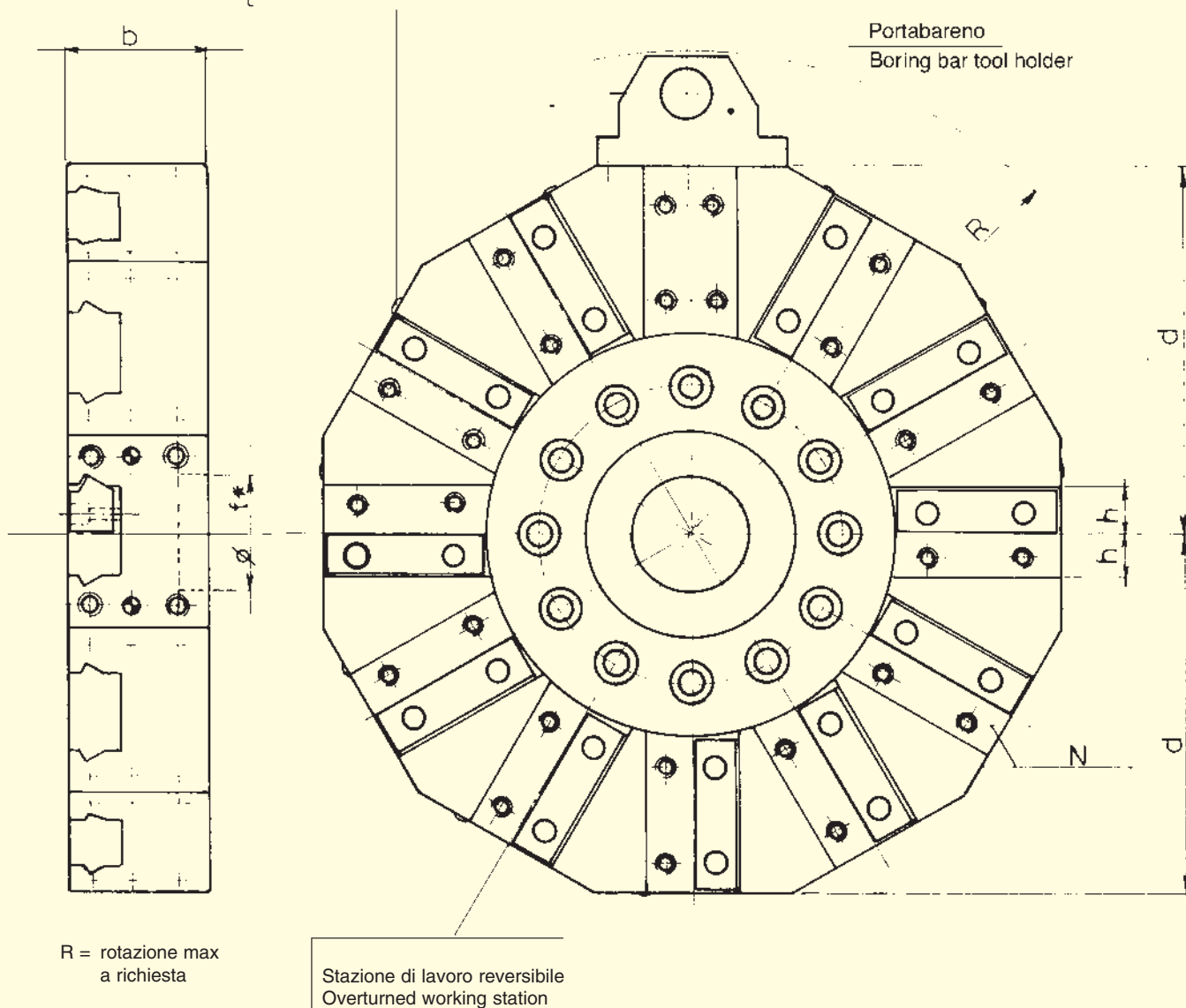
Modello - numero Identification N°		Dimensioni Dimensions							
Destro right	Sinistro left	a	b	c	d	N			
LMG PF 1/6	LMG PF 01/6	245	56	30	190	6			
LMG PF 1/8	LMG PF 01/8	275	56	30	210	8			
LMG PF 2/6	LMG PF 02/6	315	64	40	250	6			
LMG PF 2/8	LMG PF 02/8	336	64	40	270	8			
LMF PF 2/12	LMG PF 02/12	395	64	40	330	12			
LMG PF 3/6	LMG PF 03/6	420	79	50	340	6			
LMG PF 3/8	LMG PF 03/8	420	79	50	340	8			
LMG PF 3/12	LMG PF 03/12	475	79	50	400	12			
LMG PF 3/6	LMG PF 03/6	455	79	50	370	6			
LMG PF 3/8	LMG PF 03/8	435	79	50	350	8			
LMG PF 3/12	LMG 03/12	495	79	50	420	12			
LMG PF 4/6	LMG PF 04/6	455	94	60	360	6			
LMG PF 4/8	LMG PF 04/8	480	94	60	380	8			
LMG PF 4/6	LMG PF 04/6	540	94	60	450	6			
LMG PF 4/8	LMG PF 04/8	560	94	60	470	8			

Platorello portautensili per torrette elettromeccaniche ad asse orizzontale

Tool disc

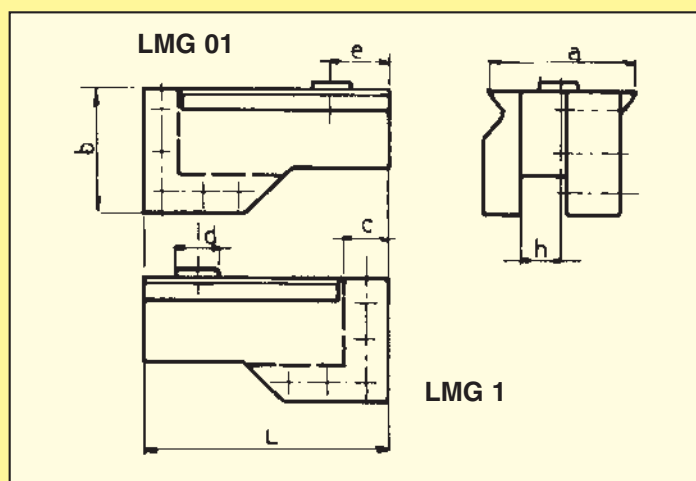
Dispositivo di raffreddamento con sfera orientabile
Cooling device with orientable sphere

Su richiesta si eseguono anche in versione speciale
Special on request



* Centraggio da definire secondo il tipo di torretta
* Central hole on request on the turret model

Modello - numero Identification N°		Sezione utens. Nominal size	Dimensioni Dimensions									
		h	d	b	f*	N	R					
P1 R		20	139	60	-	12	-					
P2 R		25	210	80	-	12	-					
P3 R		32	220	80	-	8	-					

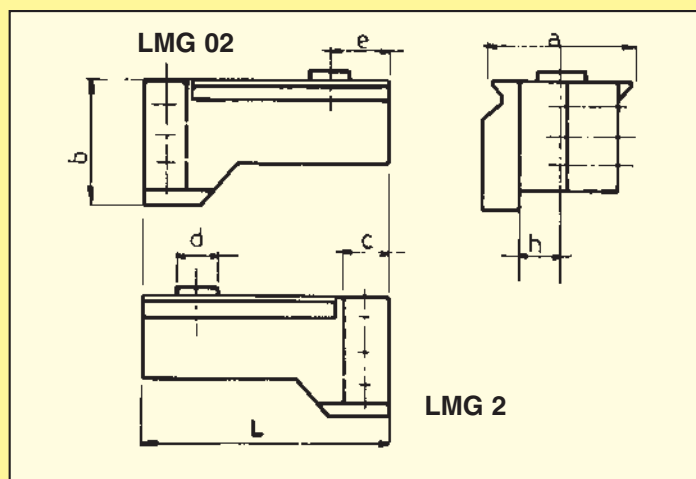


LMG 1 LMG 01

Destro
Right

Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	d	e		L	
LMG 1.1	LMG 1.01	16	56	50	18	16	29		109	
LMG 2.1	LMG 2.01	20	72	63	22	20	29		109	
LMG 3.1	LMG 3.01	25	90	68	25	25	39		138	
LMG 4.1	LMG 4.01	32	115	85	30	25	43		185	
LMG 5.1	LMG 5.01	40	140	110	35	25	59		209	

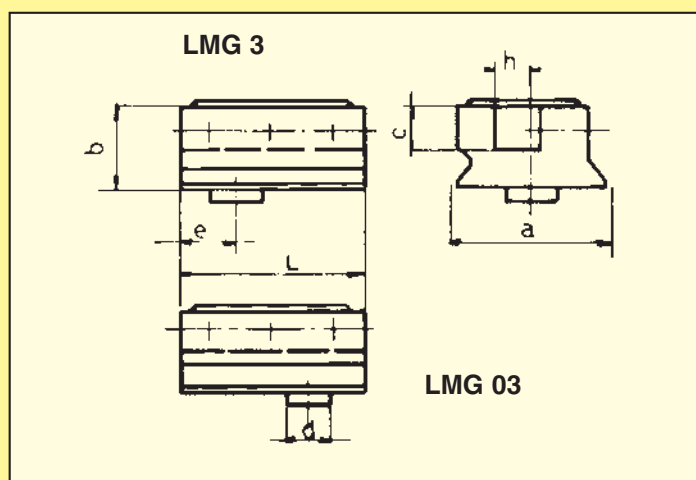


LMG 2 LMG 02

Destro
Right

Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	d	e		L	
LMG 1.2	LMG 1.02	16	56	50	18	16	29		109	
LMG 2.2	LMG 2.02	20	72	63	22	20	29		109	
LMG 3.2	LMG 3.02	25	90	68	25	25	39		138	
LMG 4.2	LMG 4.02	32	115	85	30	25	43		185	
LMG 5.2	LMG 5.02	40	140	110	35	25	59		209	

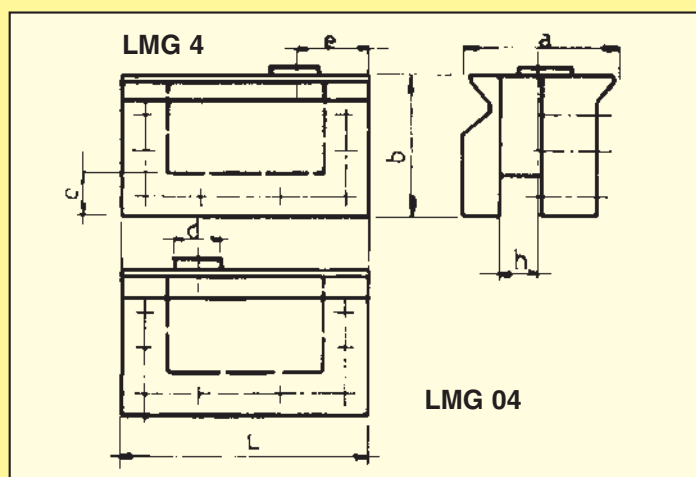


LMG 3 LMG 03

Destro
Right

Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	d	e		L	
LMG 1.3	LMG 1.03	16	56	43	18	16	29		94	
LMG 2.3	LMG 2.03	20	72	47	22	20	29		98	
LMG 3.3	LMG 3.03	25	90	50	25	25	39		118	
LMG 4.3	LMG 4.03	32	115	52	30	25	49		118	
LMG 5.3	LMG 5.03	40	140	60	35	25	59		144	

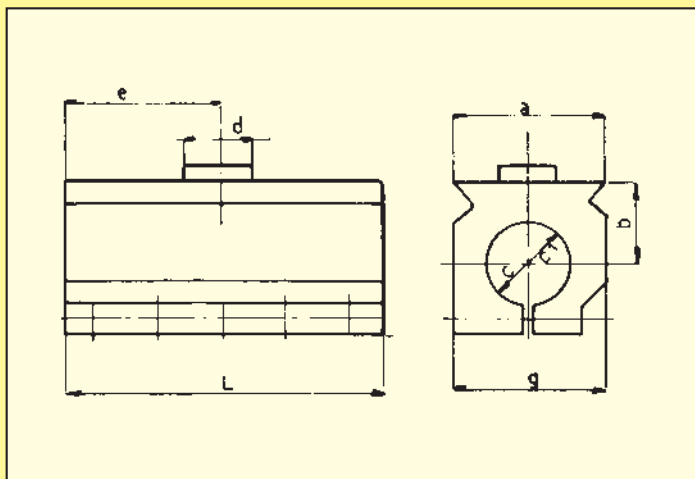


LMG 4 LMG 04

Destro
Right

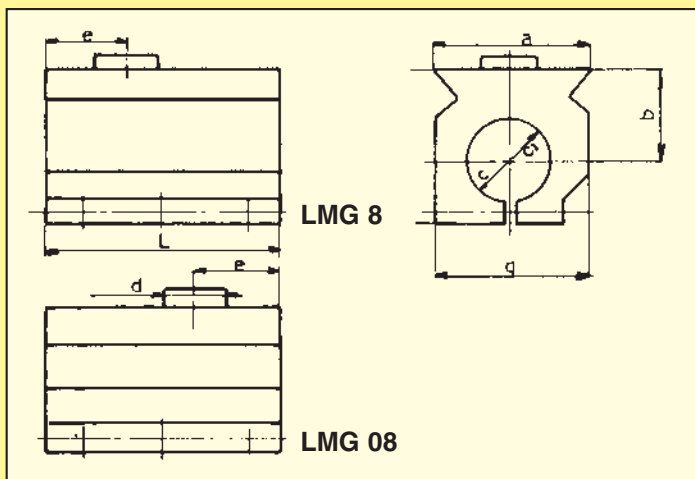
Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	d	e		L	
LMG 1.4	LMG 1.04	16	56	60	18	16	29		84	
LMG 2.4	LMG 2.04	20	72	81	22	20	34		98	
LMG 3.4	LMG 3.04	25	90	88	25	25	39		118	
LMG 4.4	LMG 4.04	32	115	94	26	25	49		118	
LMG 5.4	LMG 5.04	40	140	115	32	25	59		144	



LMG 6

Modello/Type	Sez	Dimensioni/Dimension							
destro/right	h	a	b	c	c1	d	e	g	L
LMG 1.6	16	56	25	32		16	59	44	118
LMG 2.6	20	72	35	40		20	75	58	150
LMG 3.6	25	90	40	50		25	89	78	178
LMG 4.6	32	115	45	60		25	99	95	198
LMG 5.6	40	140	60	80		25	119	115	238

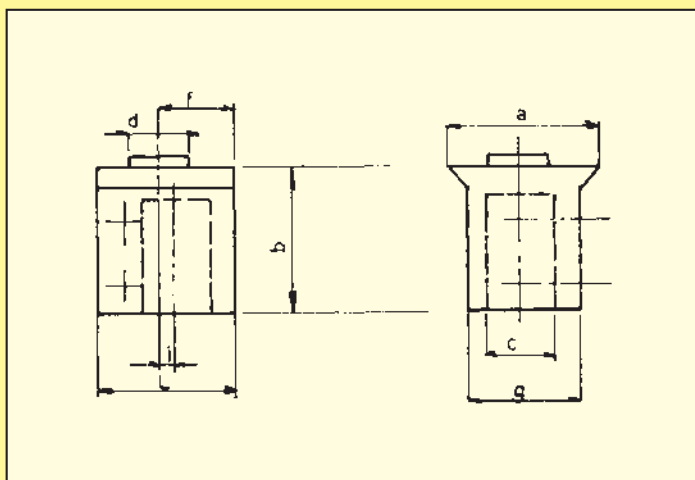


LMG 8 LMG 08

Destro
Right

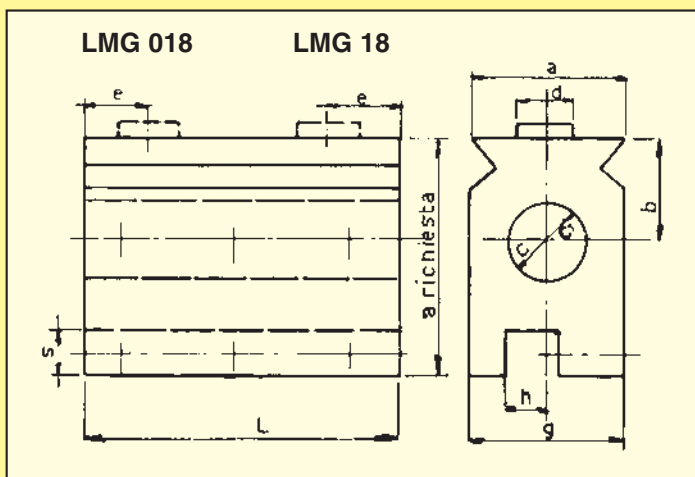
Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	c1	d	e	g	L
LMG 1.8	LGM 1.08	16	56	25	32		16	34	44	93
LMG 2.8	LMG 2.08	20	72	35	40		20	34	58	114
LMG 3.8	LMG 3.08	25	90	40	50		25	39	78	138
LMG 4.8	LMG 4.08	32	115	45	60	63	25	43	95	148
LMG 5.8	LMG 5.08	40	140	60	85		25	69	115	188



LMG 10

Modello/Type	Sez	Dimensioni/Dimension							
destro/right	h	a	b	c	i	f	g	L	
LMG 1.10	16	56	54	32	10	16	39	68	
LMG 2.10	20	72	65	40	10	20	53	68	
LMG 3.10	25	90	80	50	12	25	71	98	
LMG 4.10	32	115	94	60	12	25	95	98	
LMG 5.10	40	140	120	80	12	25	115	118	



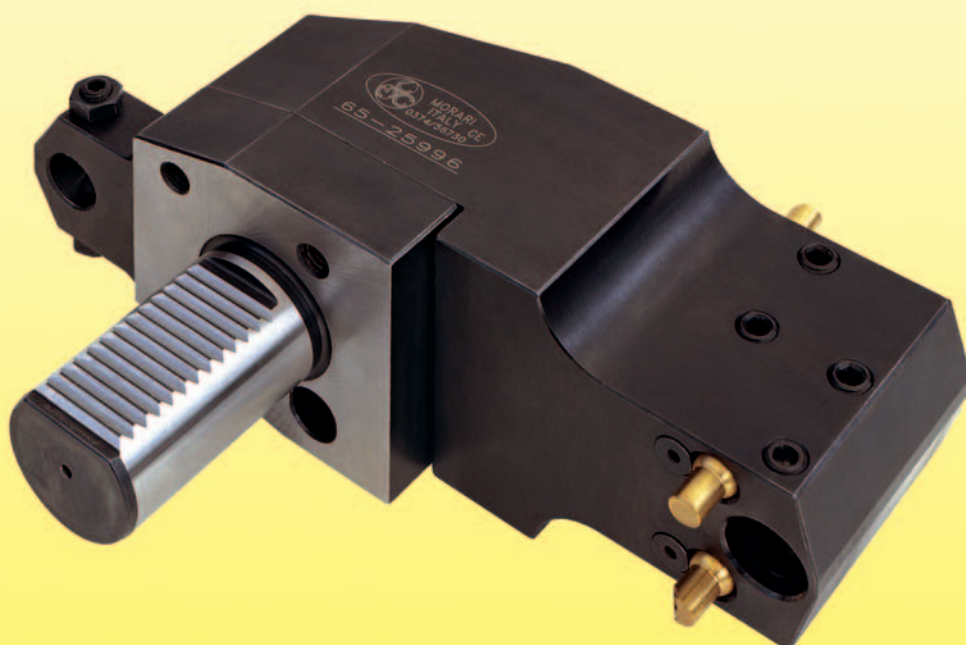
LMG 18 LMG 018

Destro
Right

Sinistro
Left

Modello/Type		Sez	Dimensioni/Dimension							
destro/right	sinistro/left	h	a	b	c	c1	g	s	e	L
LMG 1.18	LMG 1.018	16	56	25	32		44	20	34	84
LMG 2.18	LMG 2.018	20	72	35	40		58	20	34	98
LMG 3.18	LMG 3.018	25	90	40	50		78	25	39	118
LMG 4.18	LMG 4.018	32	115	45	60		95	26	49	118
LMG 5.18	LMG 5.018	40	140	60	80		115	40	59	144

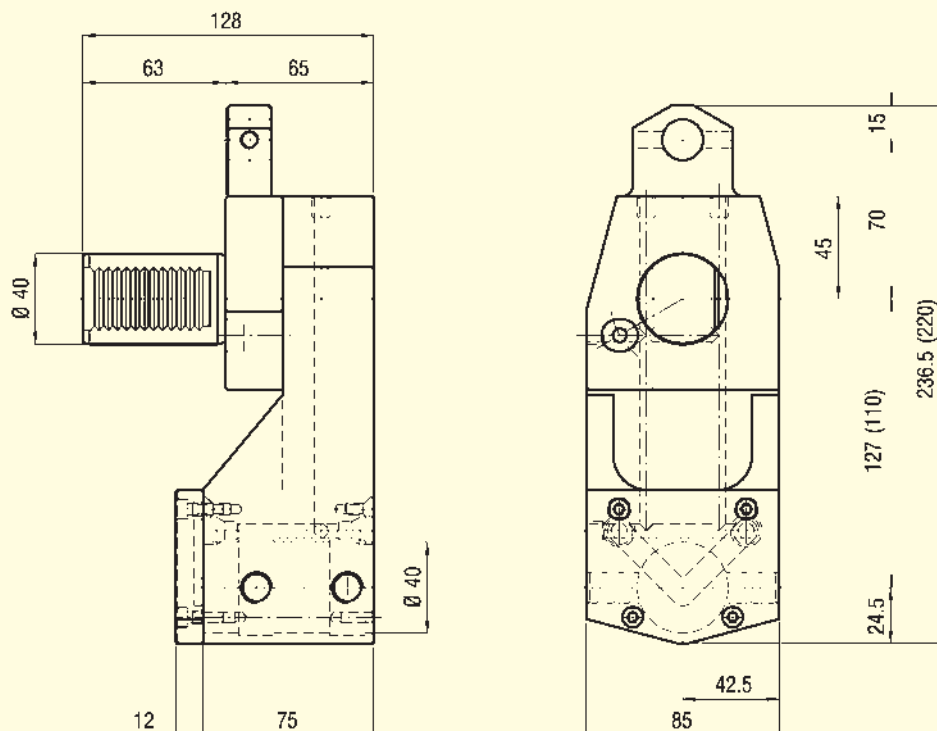
Portautensili per torni Okuma
Tool holder for Okuma lathes



Portabareno spiazzato con refrigerazione interna/esterna

Off-centre boring bar holder with internal/external coolant

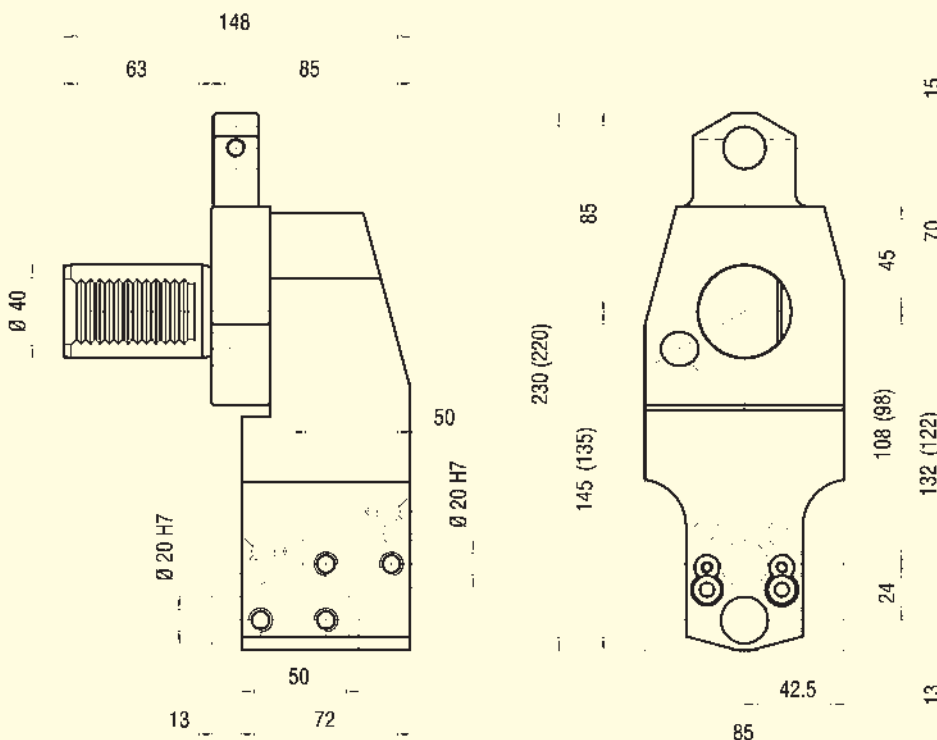
Codice per LB15 - IIM 65 - 20432 (dimensioni tra parentesi vedi figura) - *(Dimension in bracket see draw)*
 Codice per LB300 MW 65 - 25991



Portabareno spiazzato a doppio interasse

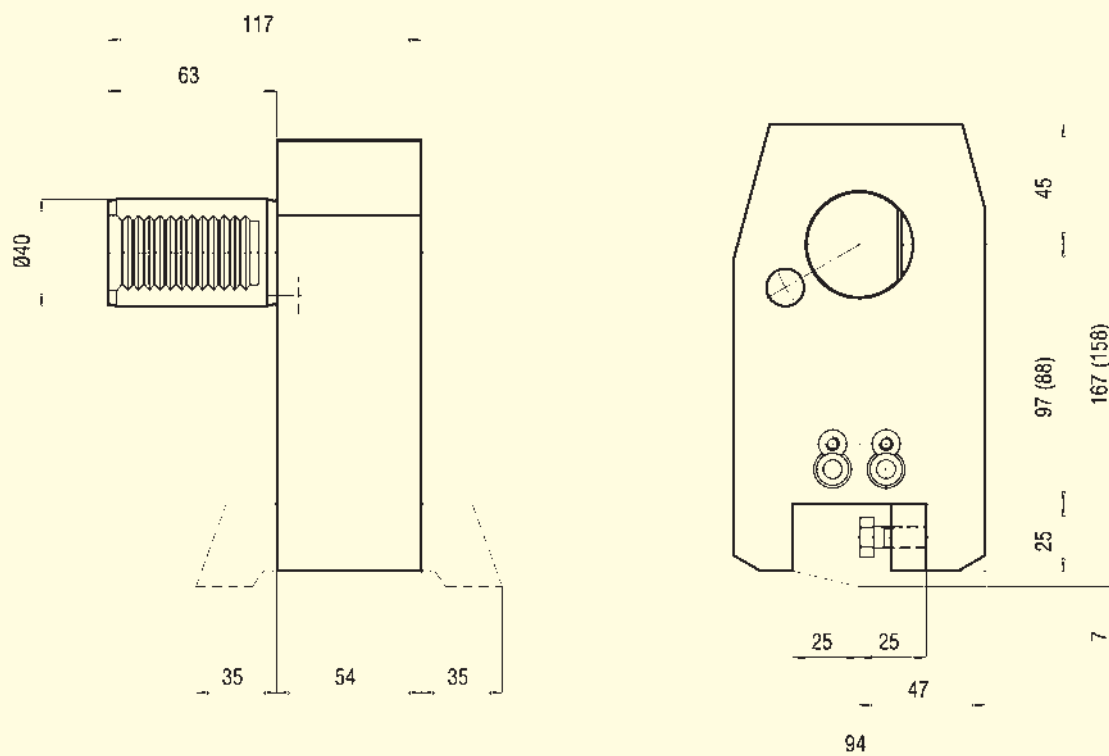
Off-centre boring bar holder with double tool

Codice per LB15 - IIM 65 - 20433 (dimensioni tra parentesi vedi figura) - *(Dimension in bracket see draw)*
 Codice per LB300 MW 65 - 25996



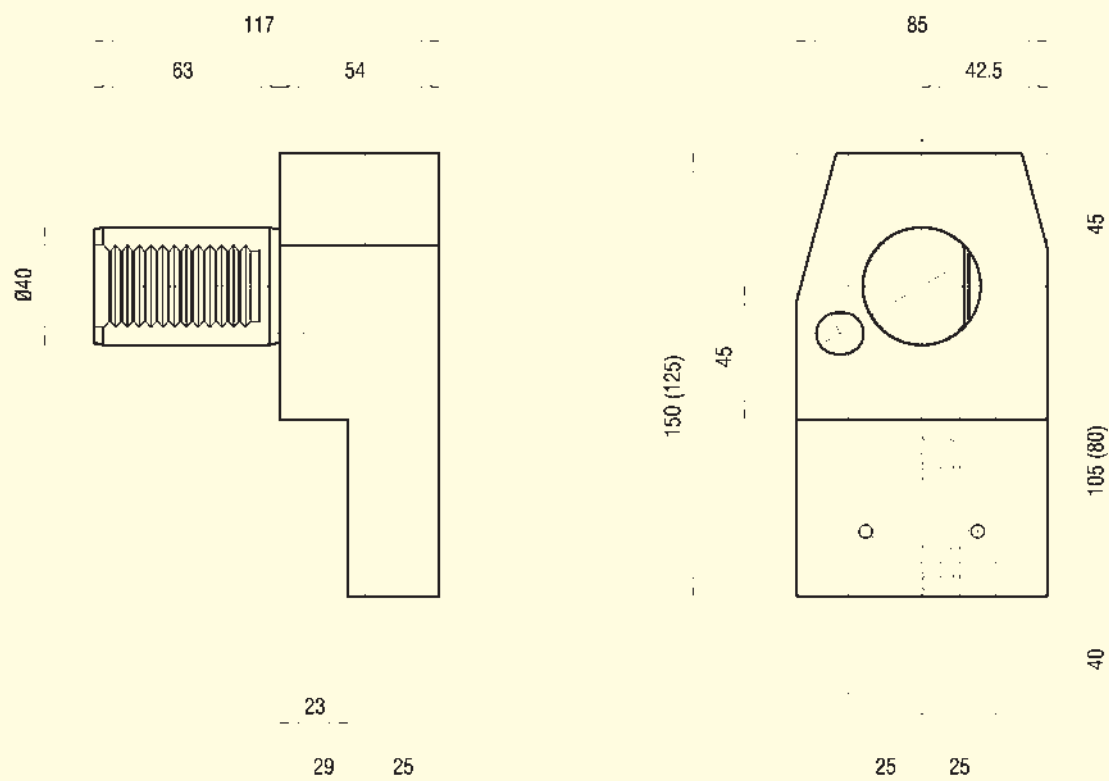
Portautensili per esterni/interni prolungato *Inside/outside extended tool holder*

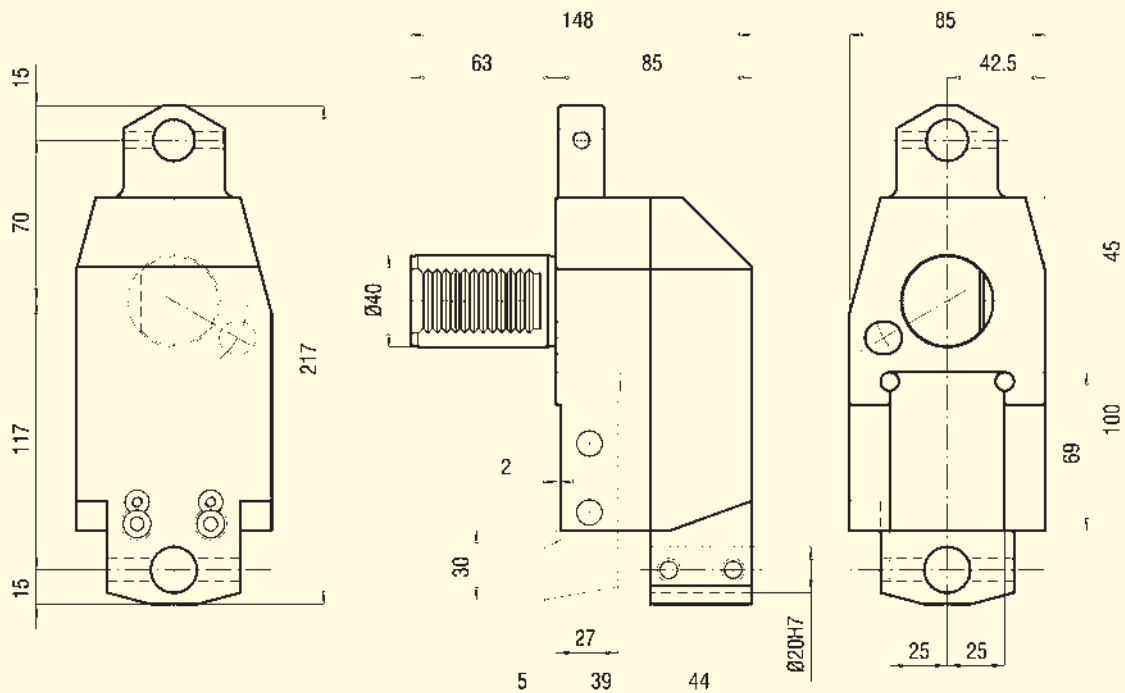
Codice per LB15 - IIM 65 - 20436 (dimensioni tra parentesi vedi figura) - *(Dimension in bracket see draw)*
Codice per LB300 MW 65 - 25992



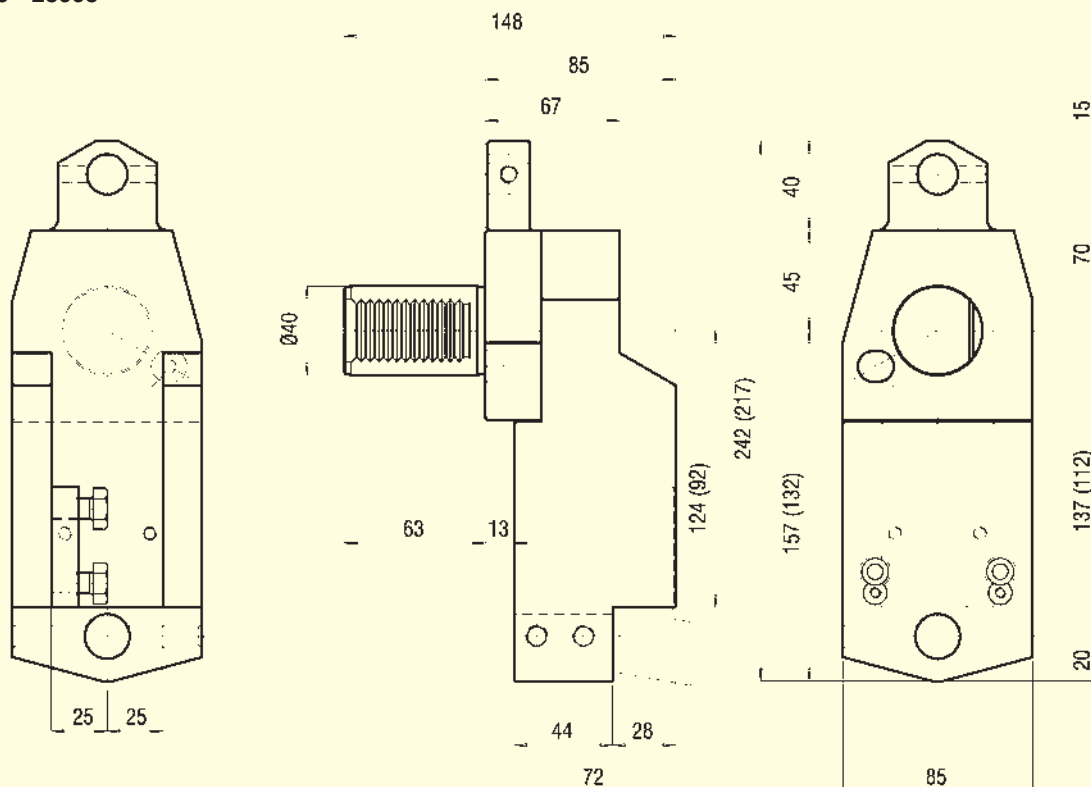
Portautensili per troncatore *Tool holder for cut of tool*

Codice per LB15 - IIM 65 - 20472 (dimensioni tra parentesi vedi figura) - *(Dimension in bracket see draw)*
Codice per LB300 MW 65 - 25993



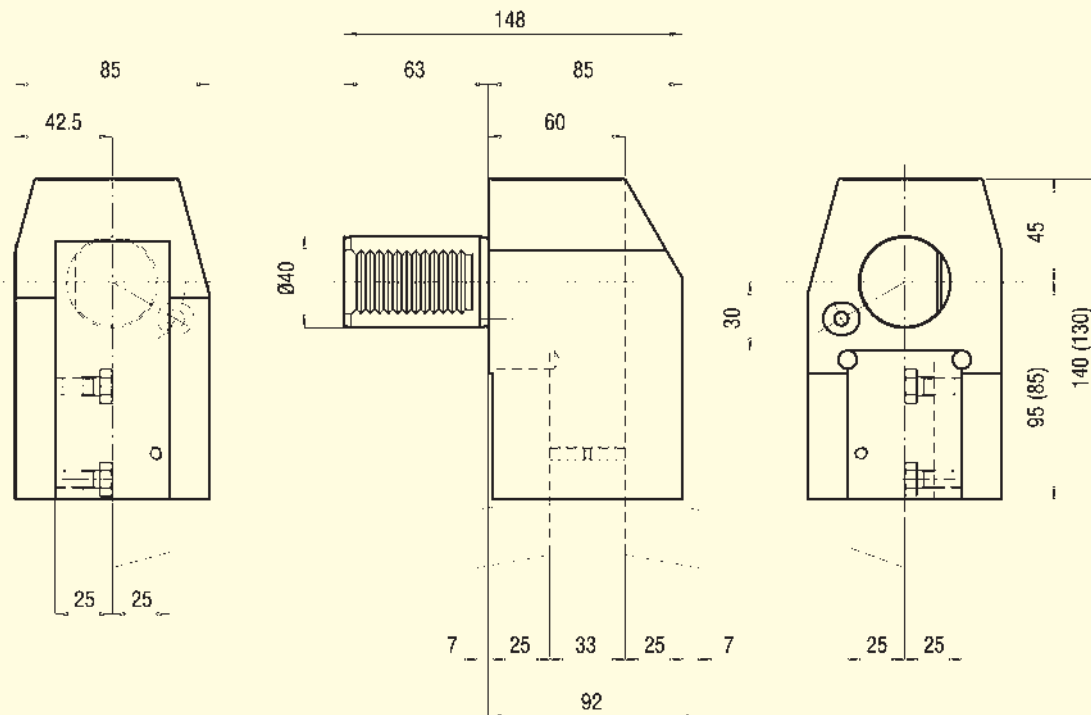
Codice per LB15 - IIM - LB300 MW 65 - 20434

Codice per LB15 - IIM 65 - 20473 (dimensioni tra parentesi vedi figura) - (Dimension in bracket see draw)
LB300 MW 65 - 25995



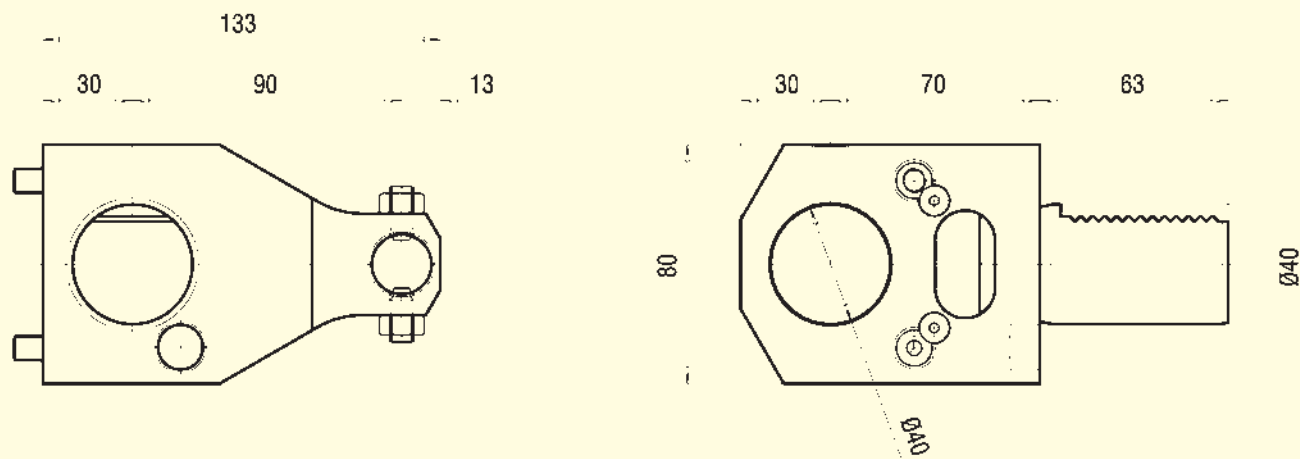
Portabareno per esterni doppio Outside double tool holder

Codice per LB15 - IIM 65 - 20462 (dimensioni tra parentesi vedi figura) - *(Dimension in bracket see draw)*
Codice per LB300 MW 65 - 25994



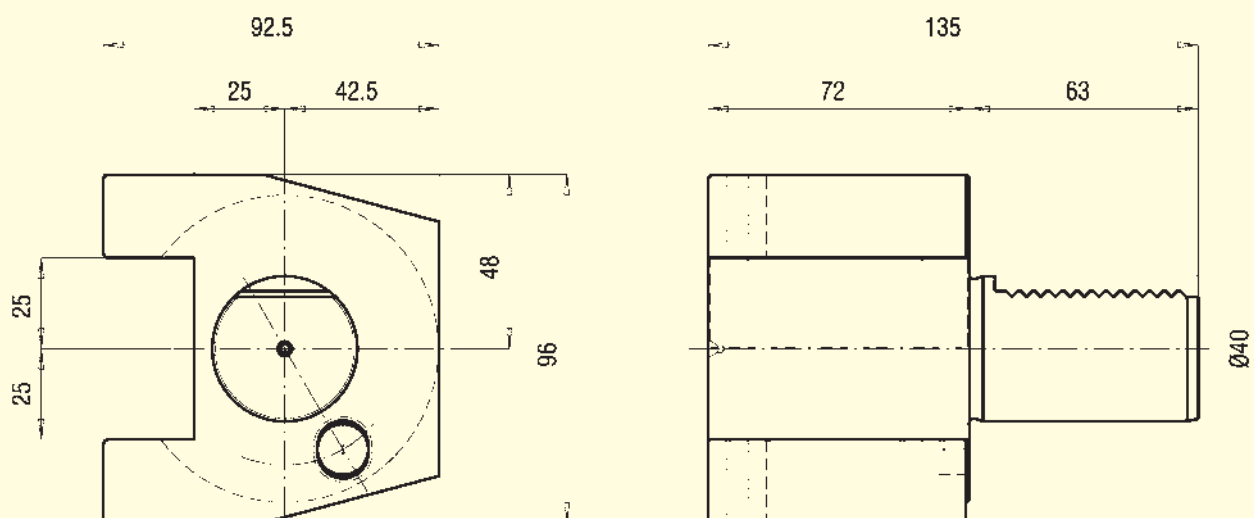
Portabareno spiazzato con refrigerazione interna/esterna LVT 300/400
Off-centre boring bar holder with internal/external coolant for LVT 300/400

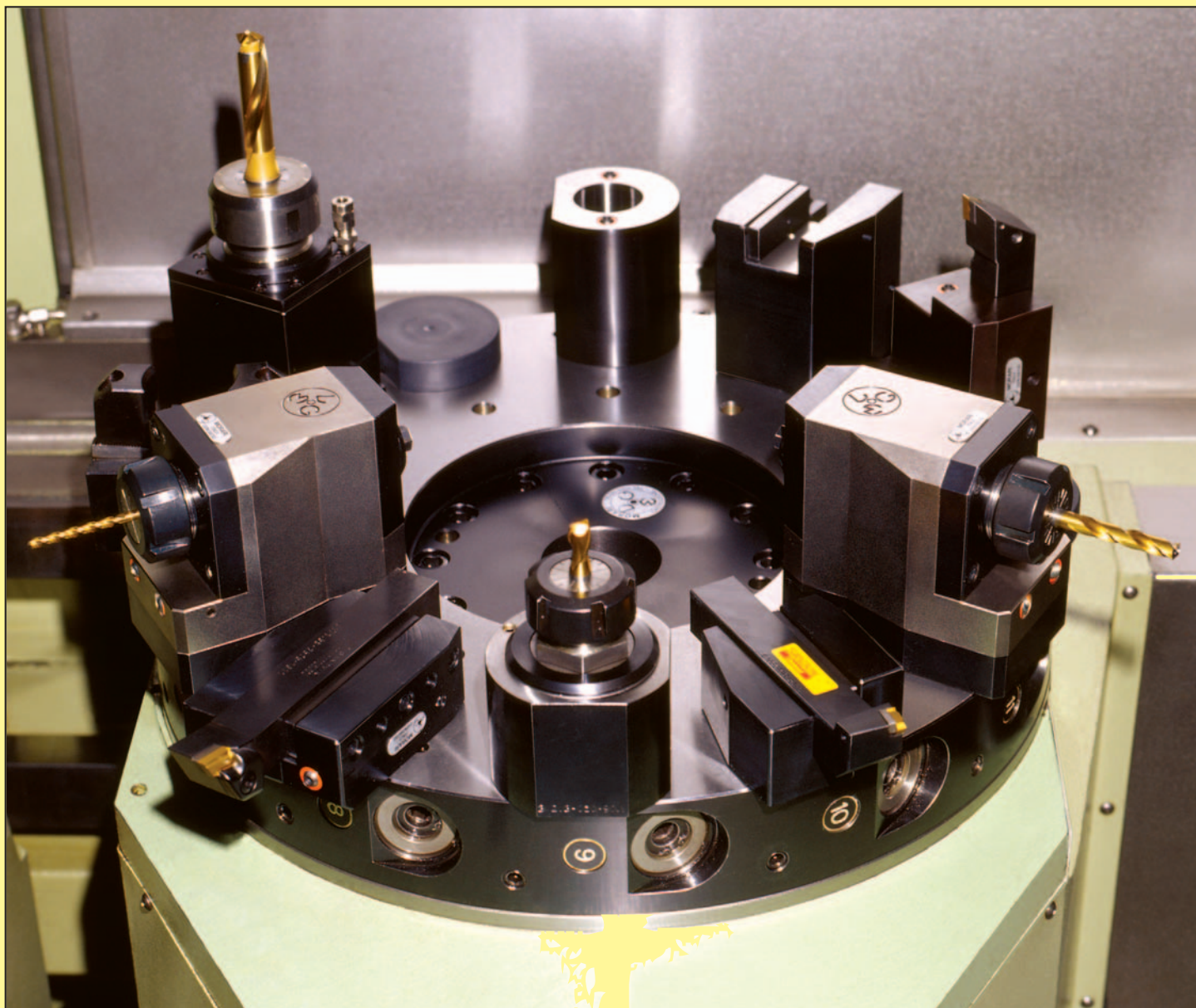
Codice 65 - 26416



Portautensili per esterni doppio per LVT 300/400
Outside double tool for LVT 300/400

Codice 65 - 26417





Ci riserviamo di modificare in qualsiasi momento, senza preavviso, le caratteristiche tecniche, le dimensioni ed i pesi indicati nel presente catalogo.

Le illustrazioni non sono impegnative.

The technical data, dimensions and weights are subject to change unless otherwise stated in the individual pages of this Catalogue.

The illustrations are for reference only.

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