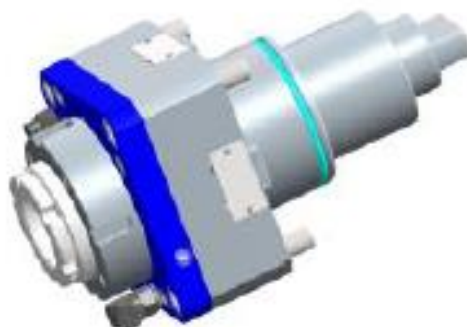
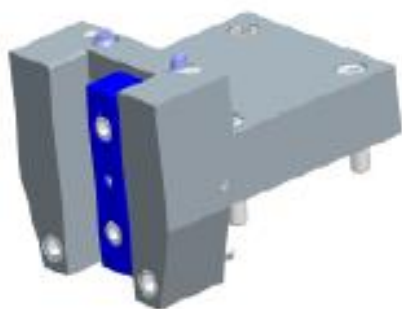




BARUFFALDI

MACHINE TOOL COMPONENTS

BMT65 Tool Holders **Guide**



The Partner for Machine Tool Builders

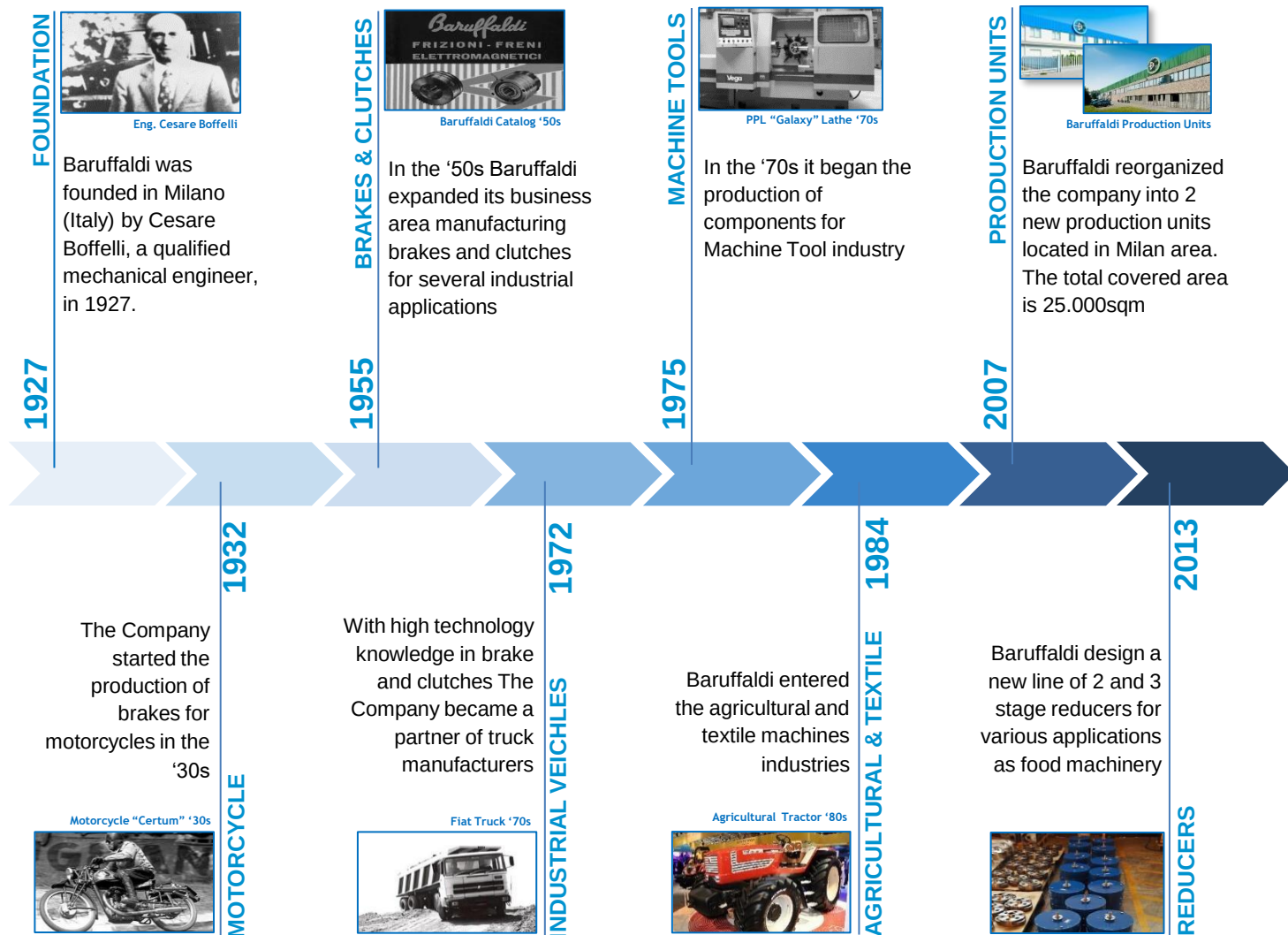
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More than 90 years of Italian mechanical excellence



Today Baruffaldi, with over 90 years of experience, is one of the leaders in the Machine Tool Industry offering high quality products and services worldwide.



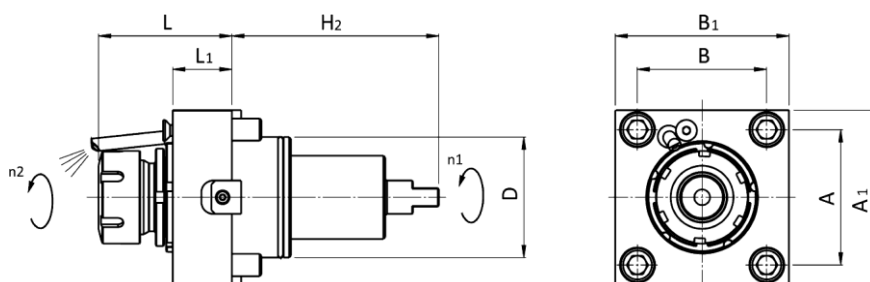
Baruffaldi, The Partner for Machine Tool Builders

HARDINGE
GS 65

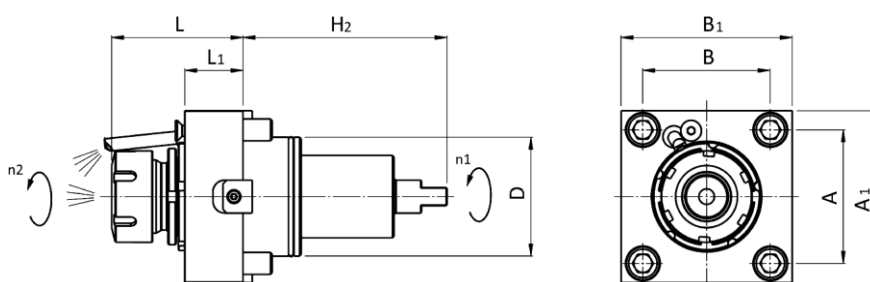
BMT65	Version	Tools Clamping	Center Height	Max. speed	Ratio	External	Internal	Page
	0°	ER32 - DIN6499 ER20 - DIN6499 ER20 - DIN6499		6000rpm 24000rpm 12000rpm	i=1:1 i=1:4 i=1:2	RAPPS 32 121UT65 RAPPS 20 122UT65 RAPPD 20 1222UT65	RAPPS 32 131UT65	4 5 5
	90°	ER32 - DIN6499 ER32 - DIN6499 ER20 - DIN6499 ER20 - DIN6499 Ø22mm - DIN6358 Ø22mm - DIN6358	72mm 100mm 72mm 72mm 72mm 100mm	6000rpm 6000rpm 24000rpm 12000rpm 6000rpm 6000rpm	i=1:1 i=1:1 i=1:4 i=1:2 i=1:1 i=1:1	RRPPS 32 121UT65 RRPPS 32 321UT65 RRPPS 20 122UT65 RRPPS 20 1222UT65 RRPFS 22 121UT65 RRPFS 22 321UT65	RRPPS 32 131UT65 RRPPS 32 331UT65	6 6 7 7 7 7
	90° Double	ER32 - DIN6499 ER32 - DIN6499	72mm 100mm	6000rpm 6000rpm	i=1:1 i=1:1	RRPPT 32 121UT65 RRPPT 32 321UT65		8 8
	±90°	ER25 - DIN6499		6000rpm	i=1:1	ROPPS 25 121UT65	ROPPS 25 131UT65	9

HARDINGE
GS 65

BMT65	Version	Tools Clamping	Center Height	Coolant	ALGRA Part No.	Page
	O.D. cutting holder	□ 25mm	H:80mm	External	E10/U 25 T65X80	10
		□ 1"	H:80mm	External	E10/U 1" T65X80	10
	O.D. double holder	□ 25mm	H:80mm	External	E10/UD 25 T65X80	10
		□ 1"	H:80mm	External	E10/UD 1" T65X80	10
	O.D. Y-axis double toolholders for both spindle	□ 20mm	H:75mm	External	E10/UQ 20 T65X75	11
	Face and I.D. cutting holder	□ 25mm	H:70mm	External	E10/UA 25 T65X70	11
		□ 1"	H:70mm	External	E10/UA 1" T65X70	11
	Blade Holder	⌈ 32mm	H:80mm	External	E10/TT 32 T65X80	12
	Boring Bar holder	Ø 40mm	H:72mm	Int/Ext	E10/B 40 T65X72	12
		Ø 50mm	H:72mm	Int/Ext	E10/B 50 T65X72	12
		Ø 1.5"	H:72mm	Int/Ext	E10/B 1.5" T65X72	12
		Ø 2"	H:72mm	Int/Ext	E10/B 2" T65X72	12
		Ø 40mm	H:100mm	Int/Ext	E10/B 40 T65X100	12
		Ø 1.5"	H:100mm	Int/Ext	E10/B 1.5" T65X100	12
		Ø 40mm	H:115mm	Int/Ext	E10/B 40 T65X115	12
		Ø 1.5"	H:115mm	Int/Ext	E10/B 1.5" T65X115	12

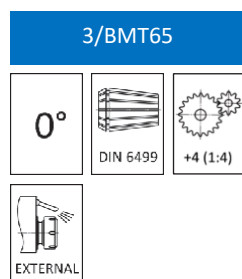
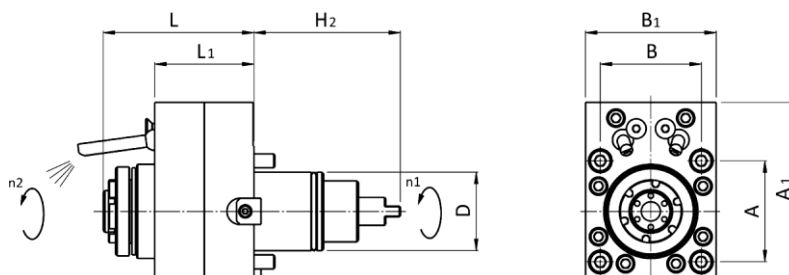


1/BMT65			Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
0° DIN 6499 +1 (1:1)			RAPPS 32 121UT65	65	32			112	68,5÷72,2	32		73	70	94	94			70	6000	10

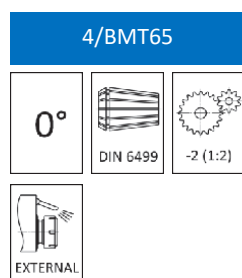
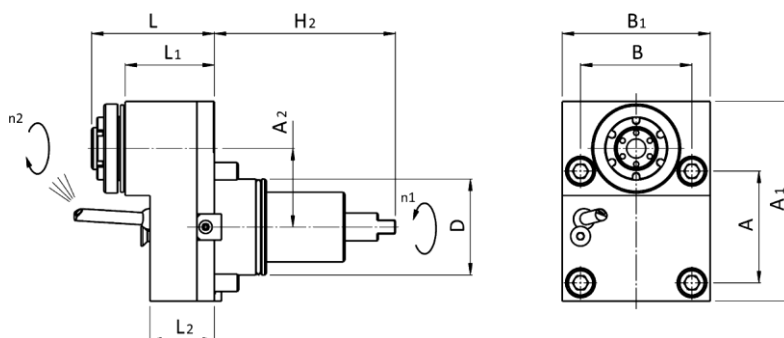


2/BMT65			Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
0° DIN 6499 +1 (1:1)			RAPPS 32 131UT65	65	32			112	68,5÷72,2	32		73	70	94	94			70	6000	10

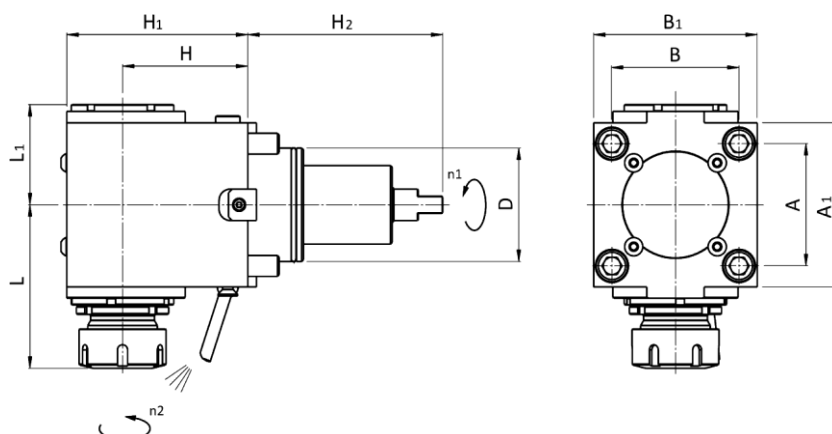




Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RAPPS 20 122UT65	65	20			112	122,5+126,2	96		70	73	120	94			20	24000	8



Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RAPPD 20 1222UT65	65	20			112	101,3+105	71	52	70	73	122	94	45		35	12000	8



5/BMT65

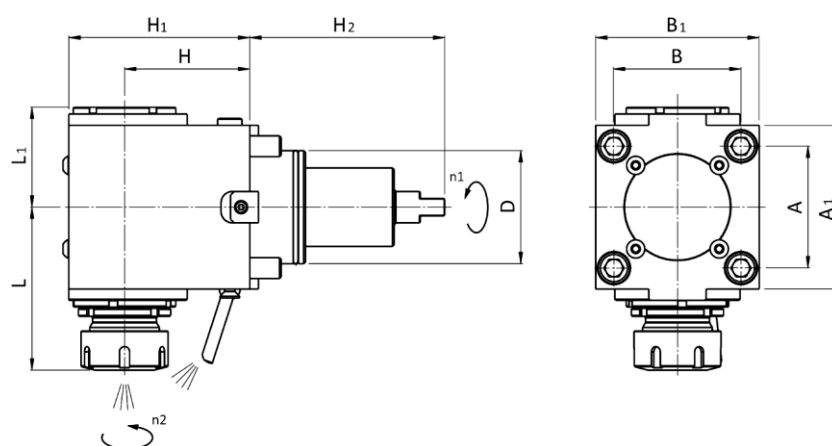
90°

DIN 6499

-1 (1:1)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RRPPS 32 121UT65	65	32	72	104	112	89,9-93,6	57,4		70	73	94	94			70	6000	10
RRPPS 32 321UT65	65	32	100	132	112	89,9-93,6	57,4		70	73	94	94			70	6000	10



6/BMT65

90°

DIN 6499

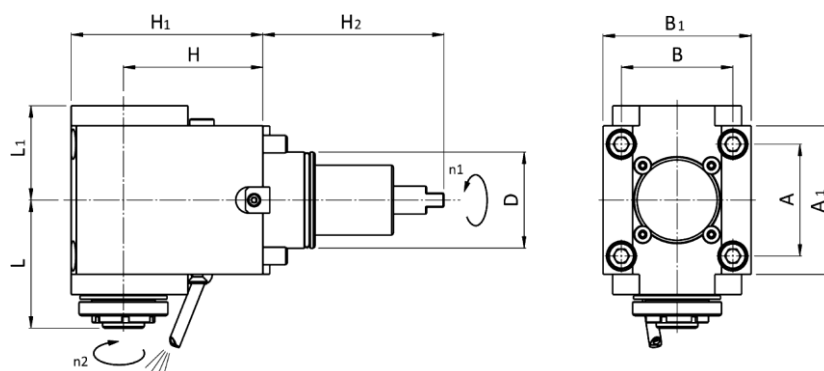
-1 (1:1)

INT./EXT.

80 bar

Filtration
30µm

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RRPPS 32 131UT65	65	32	72	104	112	89,9-93,6	63,4		70	73	94	94			70	6000	10
RRPPS 32 331UT65	65	32	100	132	112	89,9-93,6	63,4		70	73	94	94			70	6000	10



7/BMT65

90°

DIN 6499

+4 (1:4)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RRPPS 20 122UT65	65	20	72	112	112	89,9-93,6	57,4		70	73	94	94			20	24000	8

7/BMT65

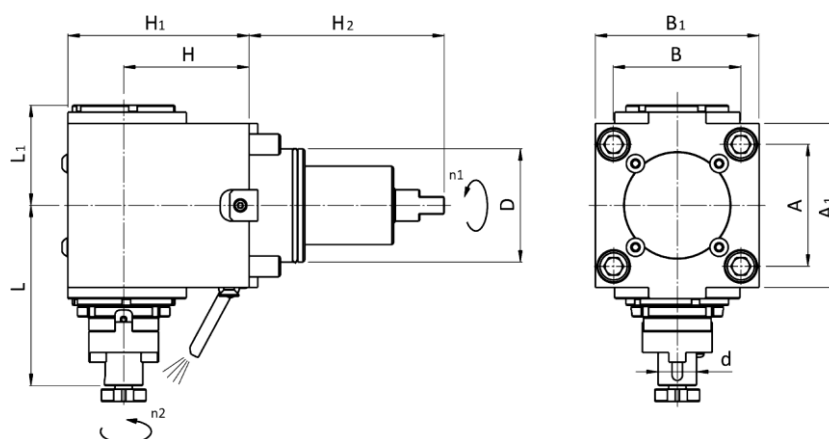
90°

DIN 6499

+2 (1:2)

EXTERNAL

Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
RRPPS 20 1222UT65	65	20	72	104	112	89,9-93,6	57,4		70	73	94	94			35	12000	8



8/BMT65

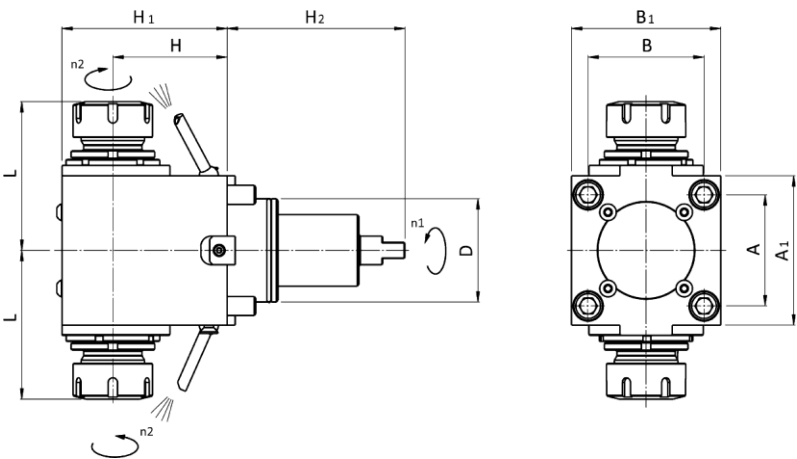
90°

DIN 6358

-1 (1:1)

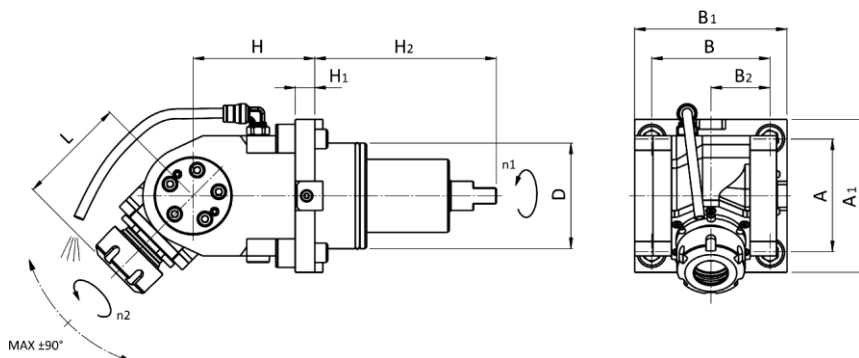
EXTERNAL

Codice code - code - Bestell Nr.	D	d	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ 1	P kW
RRPFS 22 121UT65	65	Ø22	72	104	112	103,5	57,4		70	73	94	94			70	6000	10
RRPFS 22 321UT65	65	Ø22	100	132	112	103,5	57,4		70	73	94	94			70	6000	10

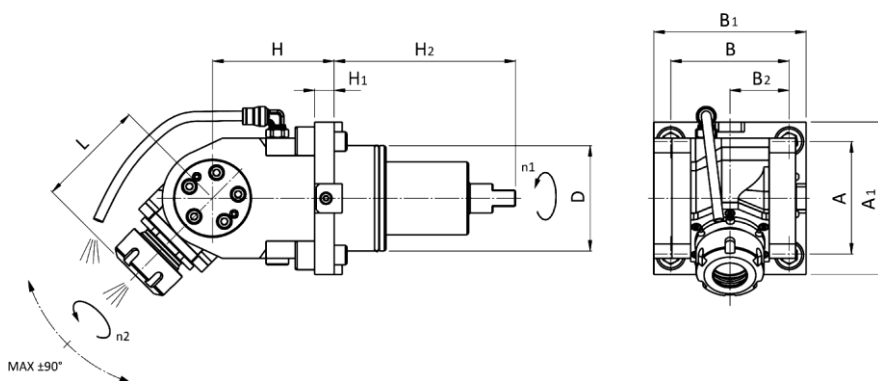


9/BMT65			Codice	D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M2	n2	P
			code - code - Bestell Nr.						(min-max)									Nm	min-1	kW
90°	 DIN 6499	 ±1 (1:1)	RRPPT 32 121UT65	65	32	72	104	112	93-93,6			70	73	94	94			70	6000	10
			RRPPT 32 321UT65	65	32	100	132	112	93-93,6			70	73	94	94			70	6000	10

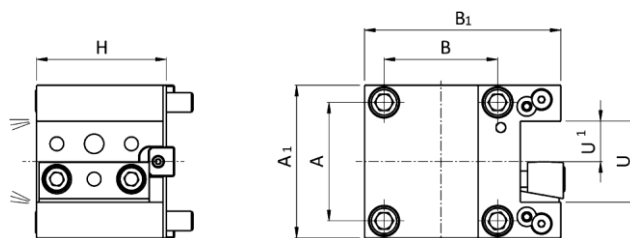

EXTERNAL



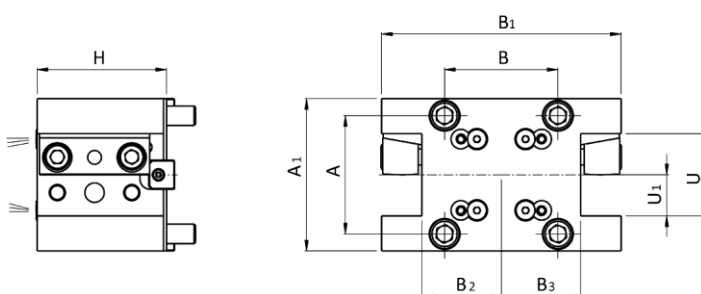
10/BMT65			Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
±90° DIN 6499 +1 (1:1)			ROP25 121UT65	65	25	75	12	112	63,5÷67,2			70	73	94	94		36,5	25	6000	4
EXTERNAL																				



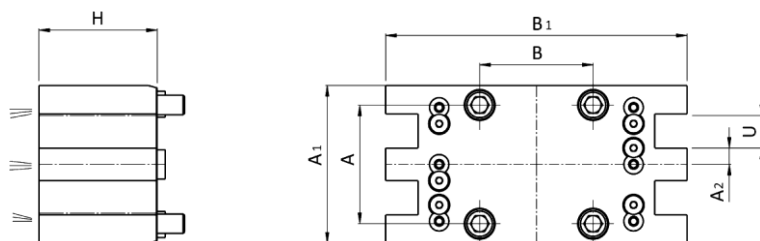
11/BMT65			Codice code - code - Bestell Nr.	D	ER	H	H1	H2	L (min-max)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1	P kW
±90° DIN 6499 +1 (1:1)			ROP25 131UT65	65	25	75	12	112	63,5÷67,2			70	73	94	94		36,5	25	6000	4
INT./EXT. 80 bar Filtration 30µm																				



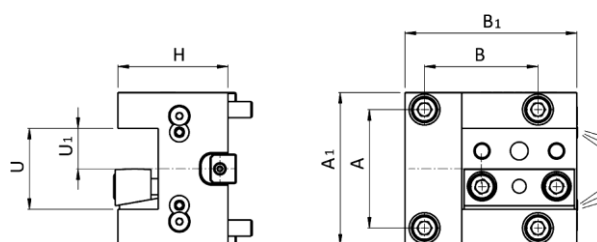
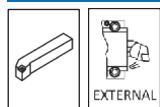
101/BMT65		Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		E10/U 25 T65X80	50	25		80				73	70	94	121			
		E10/U 1" T65X80	2"	1"		80				73	70	94	121			



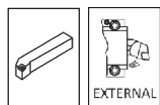
102/BMT65		Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		E10/UD 25 T65X80	50	25		80				73	70	94	148		49	49
		E10/UD 1" T65X80	2"	1"		80				73	70	94	148		49	49

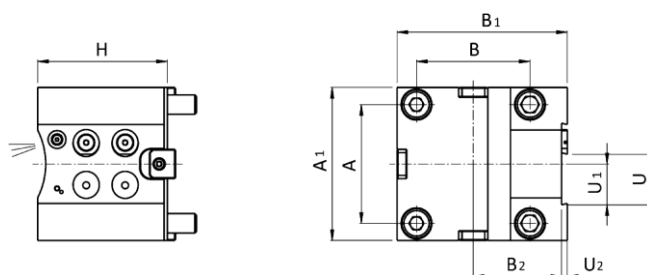


103/BMT65	Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/UQ 20 T65X75		20			75				73	70	97	186	10		

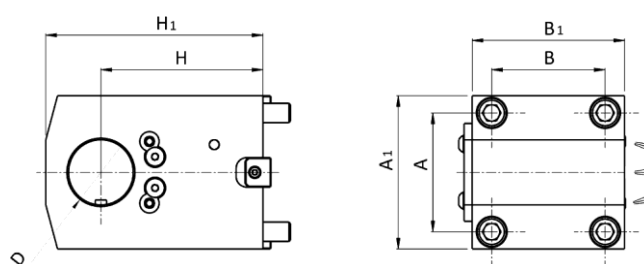
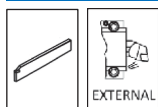


104/BMT65	Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/UA 25 T65X70		50	25		70				73	70	94	106			
E10/UA 1" T65X70		2"	1"		70				73	70	94	106			

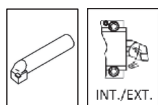




105/BMT65	Codice code - code - Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/TT 32 T65X80		32	25	2,36	80				73	70	94	105		54,5	



106/BMT65	Codice code - code - Bestell Nr.	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/B 40 T65X72		Ø 40			72	106			73	70	94	94			
E10/B 50 T65X72		Ø 50			72	106			73	70	94	94			
E10/B 1.5" T65X72		Ø 1.5"			72	106			73	70	94	94			
E10/B 2" T65X72		Ø 2"			72	106			73	70	94	94			
E10/B 40 T65X100		Ø 40			100	134			73	70	94	94			
E10/B 1.5" T65X100		Ø 1.5"			100	134			73	70	94	94			
E10/B 40 T65X115		Ø 40			115	150			73	70	94	94			
E10/B 1.5" T65X115		Ø 1.5"			115	150			73	70	94	94			





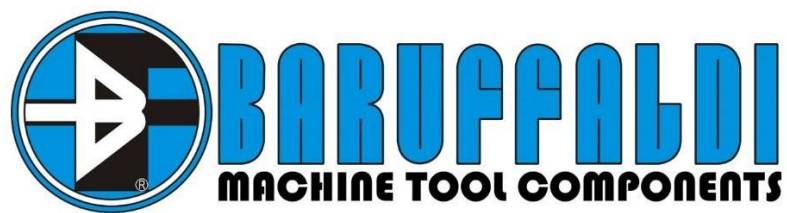
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Furthermore, thanks to a net of agents and distributors, it is ensured a direct contact in many nations.

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