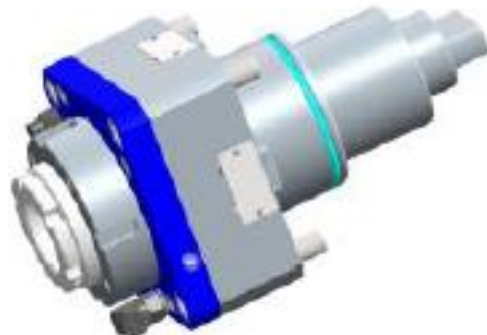
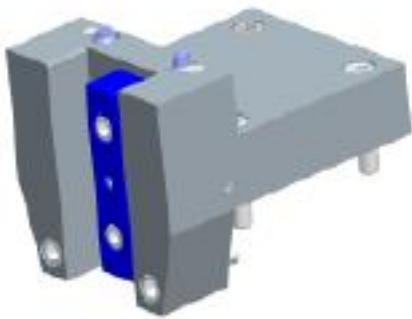




BARUFFALDI

MACHINE TOOL COMPONENTS

BMT85 Tool Holders **Guide**



The Partner for Machine Tool Builders

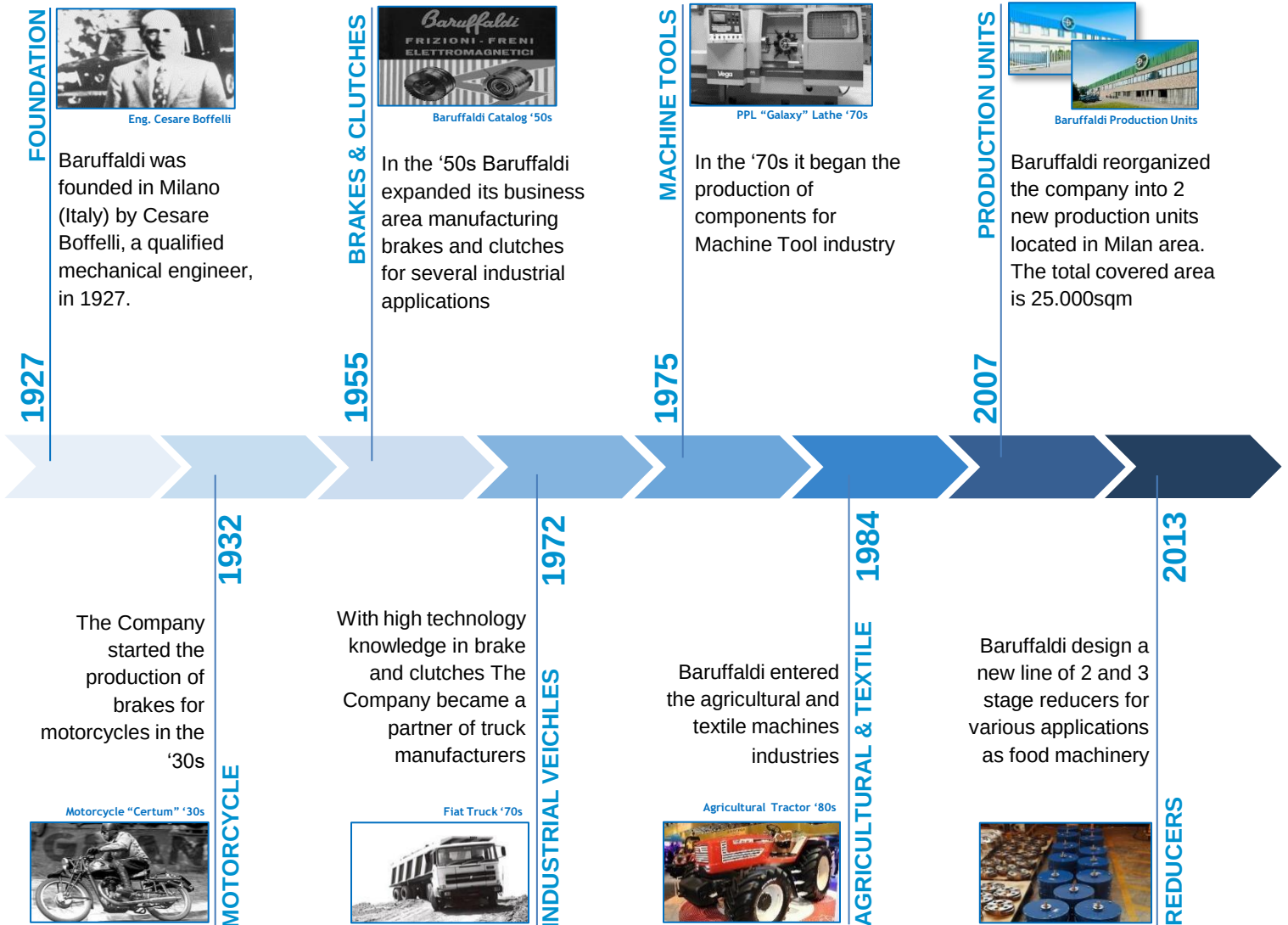
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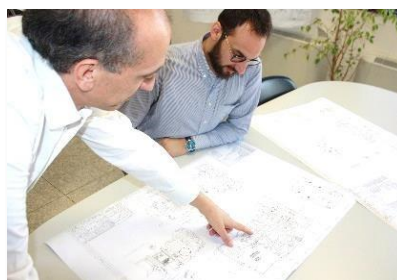
Rev. 01/2025

BARUFFALDI – Since 1927

More than 90 years of Italian mechanical excellence



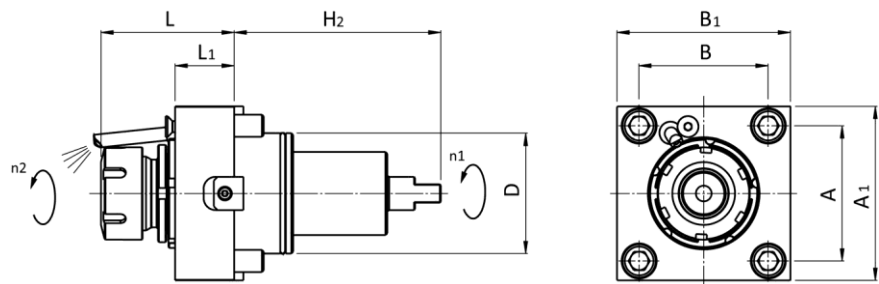
Today Baruffaldi, with over 90 years of experience, is one of the leaders in the Machine Tool Industry offering high quality products and services worldwide.



Baruffaldi, The Partner for Machine Tool Builders

BMT85	Version	Tools Clamping	Center Height	Max. speed	Ratio	External	Internal	Page
	0°	ER50 DIN6499		3200rpm	i=1:1	RAPPS 50 121UT85	RAPPS 50 131UT85	4
	90°	ER50 DIN6499	85mm	3200rpm	i=1:1	RRPPS 50 121UT85	RRPPS 50 131UT85	5
		ER50 DIN6499	110mm	3200rpm	i=1:1	RRPPS 50 321UT85	RRPPS 50 331UT85	5
		Ø27mm DIN6358	85mm	3200rpm	i=1:1	RRPFS 27 121UT85		6
		Ø27mm DIN6358	110mm	3200rpm	i=1:1	RRPFS 27 321UT85		6

BMT85	Version	Tools Clamping	Center Height	Coolant	ALGRA Part No.	Page
	O.D. cutting holder	□ 32mm	H:135mm	External	E10/U 32 T85X135	7
		□ 1.25"	H:135mm	External	E10/U 1.25" T85X135	7
	Face and I.D. cutting holder	□ 32mm	H:72mm	External	E10/UA 32 T85X72	7
		□ 1.25"	H:72mm	External	E10/UA 1.25" T85X72	7
	Boring Bar holder	Ø 60mm	H:95mm	Int/Ext	E10/B 60 T85X95	8
		Ø 2.5"	H:95mm	Int/Ext	E10/B 2.5" T85X95	8



1/BMT85			Codice	D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
			code code Bestell Nr.						(minmax)									Nm	min	kW
RAPPS 50 121UT85			85	50				140	112÷119,2	46,5		100	100	125	125			150	3200	15

0°



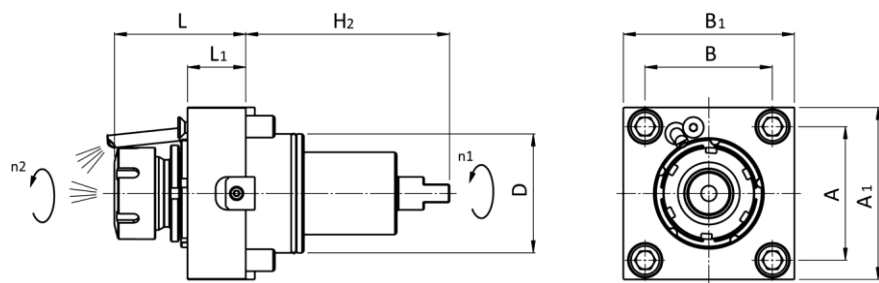
DIN 6499



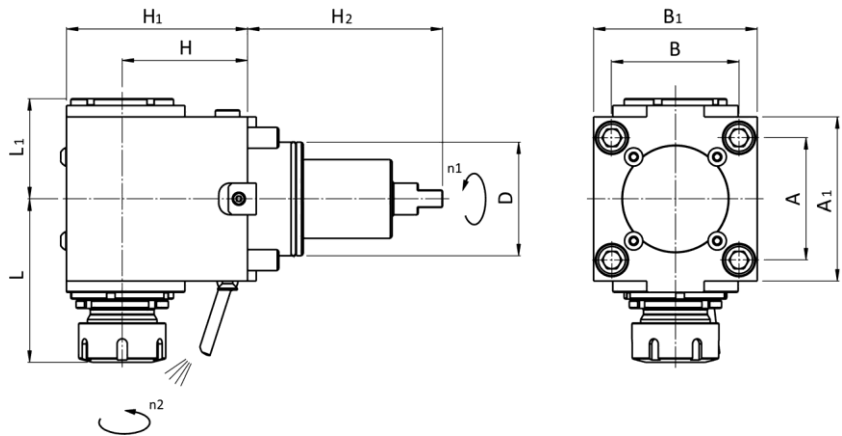
+1 (1:1)



EXTERNAL



2/BMT85			Codice code code Bestell Nr.		D	ER	H	H1	H2	L (minmax)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min	P kW
RAPPS 50 131UT85			85	50					140	112÷119,2	46,5		100	100	125	125			150	3200	15
0°	 DIN 6499	 +1 (1:1)																			
 INT./EXT.	 80 bar	 Filtration 30µm																			



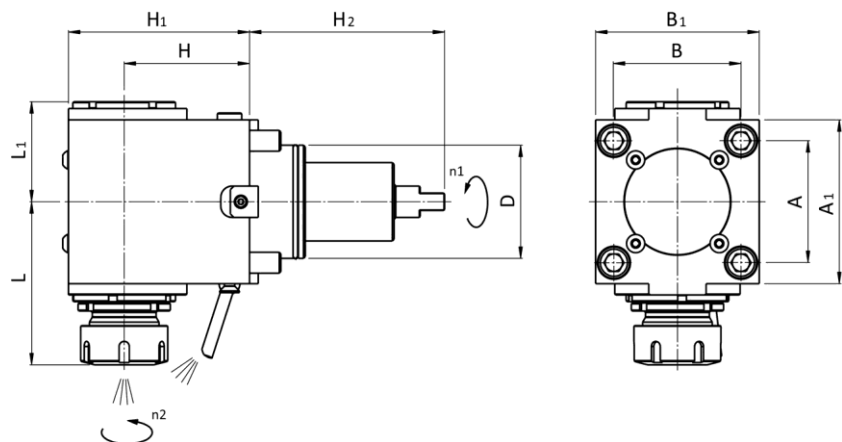
3/BMT85			Codice		D	ER	H	H1	H2	L (minmax)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min	P kW
code		Bestell Nr.																			
RRPPS 50 121UT85			85	50	85	136,5	140	140,3+147,7	91,6		100	100	125	125					150	3200	15
RRPPS 50 321UT85			85	50	110	161,5	140	140,3+147,7	91,6		100	100	125	125					150	3200	15

90°


DIN 6499


-1 (1:1)


EXTERNAL



4/BMT85			Codice		D	ER	H	H1	H2	L (minmax)	L1	L2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min	P kW
code		Bestell Nr.																			
RRPPS 50 131UT85			85	50	85	136,5	140	140,3+147,7	91,6		100	100	125	125					150	3200	15
RRPPS 50 331UT85			85	50	110	161,5	140	140,3+147,7	91,6		100	100	125	125					150	3200	15

90°

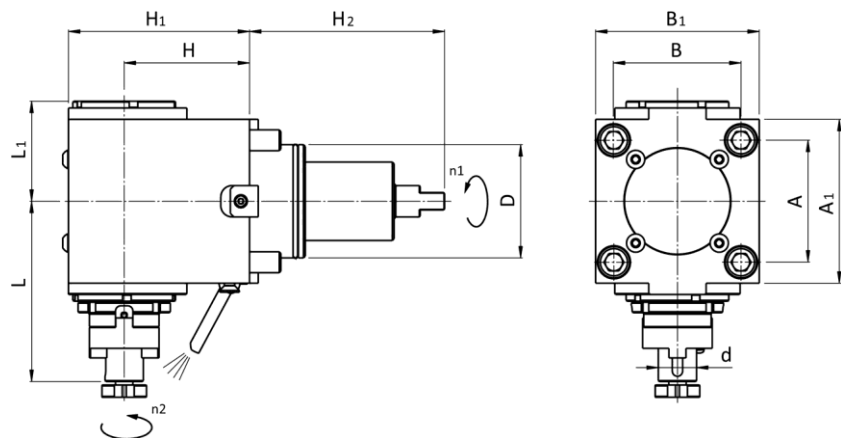

DIN 6499


-1 (1:1)


INT./EXT.

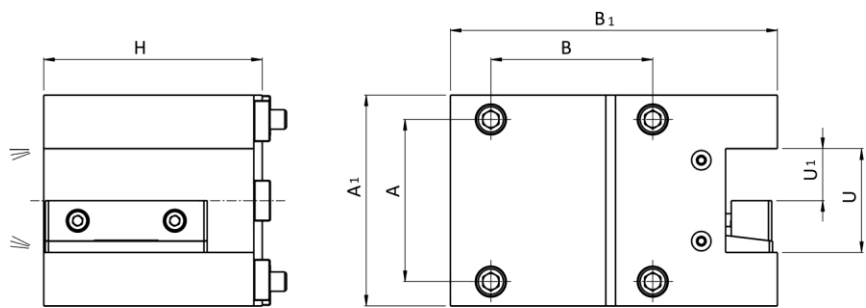

80 bar


Filtration 30µm

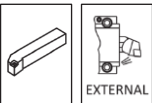


5/BMT85			Codice			D	d	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M2	n2	P
			code	code	Bestell Nr.															Nm	1	kW
90°	 DIN 6358	 -1 (1:1)	RRPFS 27 121UT85			85	Ø27	85	136,5	140	136	91,6		100	100	125	125			150	3200	15
			RRPFS 27 321UT85			85	Ø27	110	161,5	140	136	91,6		100	100	125	125			150	3200	15

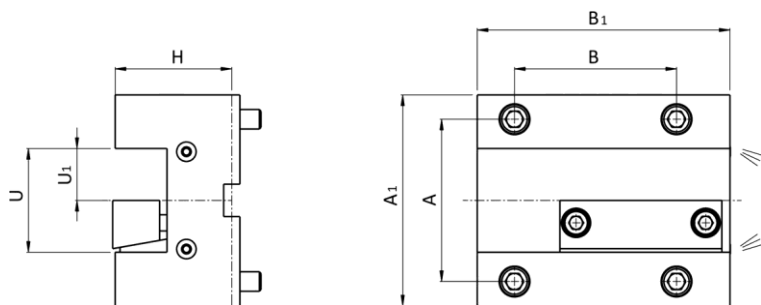

EXTERNAL



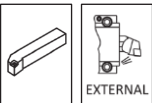
101/BMT85



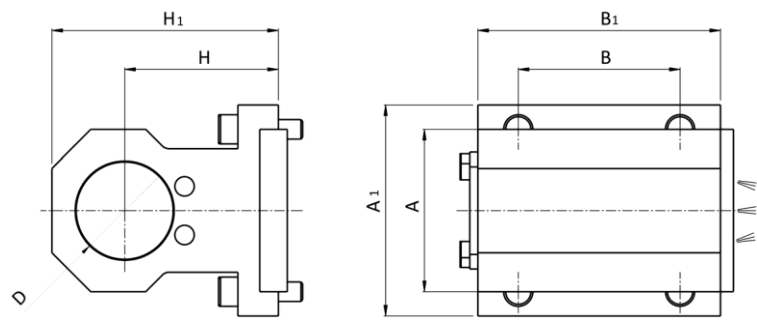
Codice	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
code code Bestell Nr.														
E10/U 32 T85X135	64	32		135				100	100	130	202			
E10/U 1.25" T85X135	2.5"	1.25"		135				100	100	130	202			

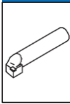


102/BMT85



Codice	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
code code Bestell Nr.														
E10/UA 32 T85X72	64	32		72				100	100	130	156			
E10/UA 1.25" T85X72	2.5"	1.25"		72				100	100	130	156			



103/BMT85		Codice		d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code	code Bestell Nr.														
  INT./EXT.		E10/B 60 T85X95		Ø 60			95	140			100	100	130	150			
		E10/B 2.5" T85X95		Ø 2.5"			95	140			100	100	130	150			



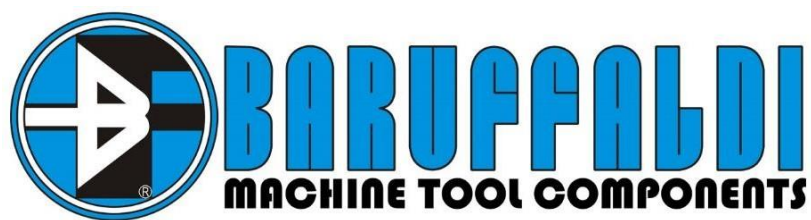
Baruffaldi has developed a sales and service organisation all over the world.

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

La Baruffaldi è strutturata per offrire un servizio di vendita e assistenza in tutto il mondo.

Inoltre, grazie ad una rete di agenti e distributori garantisce un contatto diretto in molte nazioni.

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The technical data, dimensions and weight are subject to change without notice. The illustrations are for reference only.