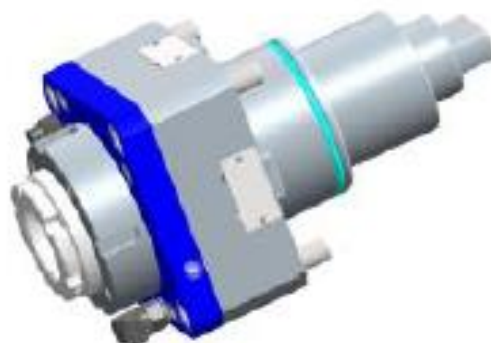
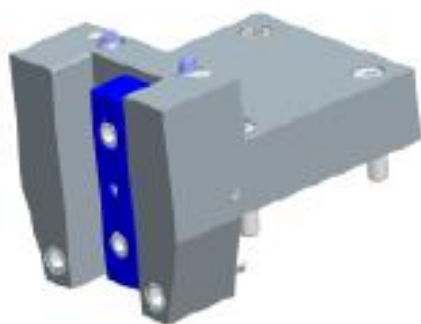




BARUFFALDI

MACHINE TOOL COMPONENTS

BMT55 Tool Holders **Guide**



The Partner for Machine Tool Builders

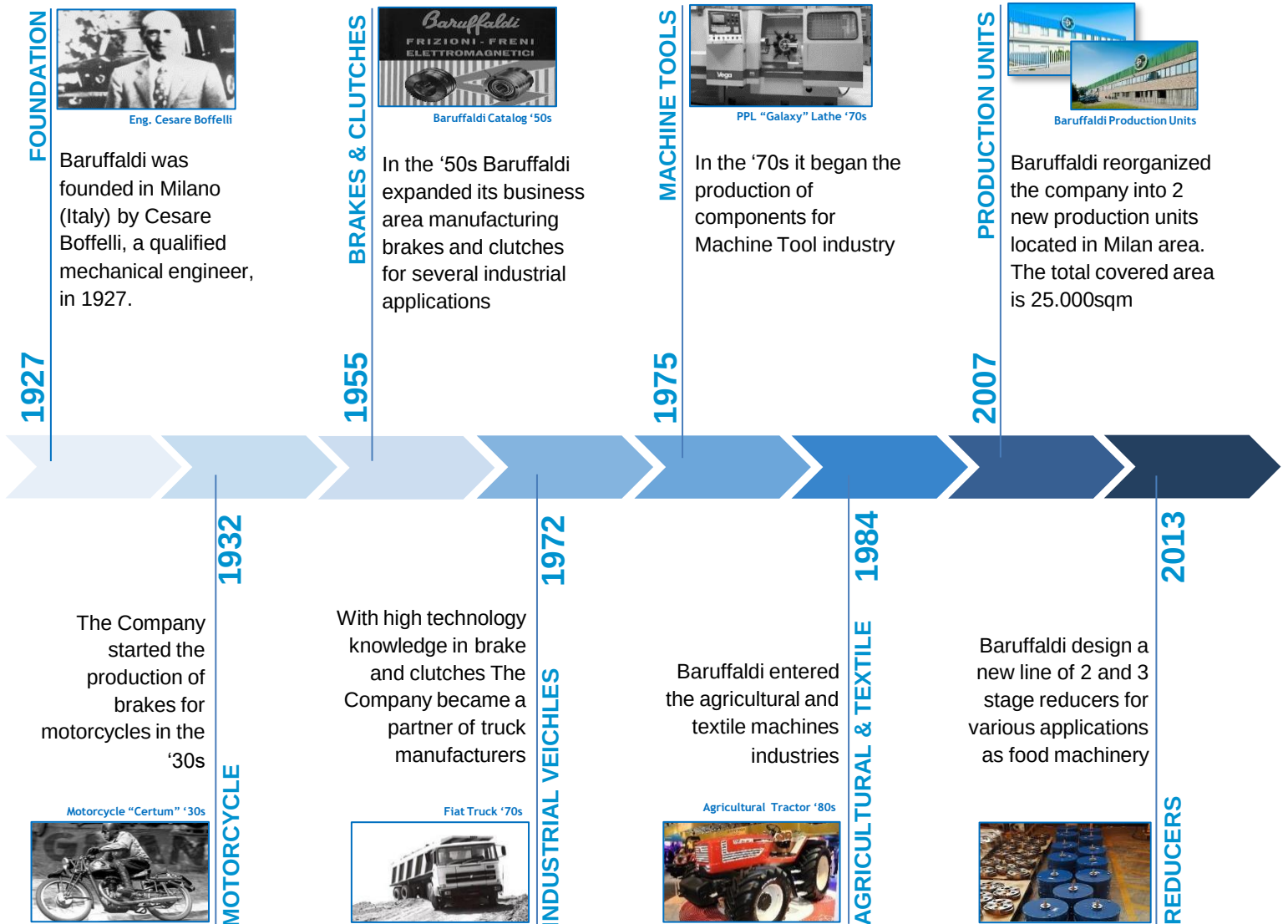
WWW.BARUFFALDI.IT



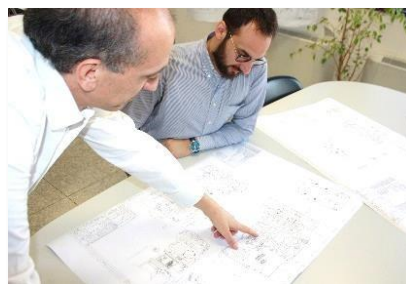
Rev. 01/2025

BARUFFALDI – Since 1927

More than 90 years of Italian mechanical excellence



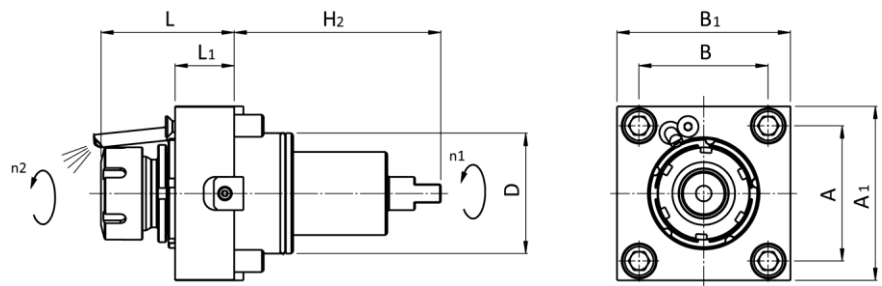
Today Baruffaldi, with over 90 years of experience, is one of the leaders in the Machine Tool Industry offering high quality products and services worldwide.



Baruffaldi, The Partner for Machine Tool Builders

BMT55	Version	Tools Clamping	Center Height	Max. speed	Ratio	External	Internal	Page
	0°	ER25 DIN6499		8000rpm	i=1:1	RAPPS 25 121UT55	RAPPS 25 131UT55	4
		ER16 DIN6499		32000rpm	i=1:4	RAPPS 16 122UT55		5
		ER16 DIN6499		16000rpm	i=1:2	RAPPD 16 1222UT55		5
	90°	ER25 DIN6499	60mm	8000rpm	i=1:1	RRPPS 25 121UT55	RRPPS 25 131UT55	6
		ER25 DIN6499	70mm	8000rpm	i=1:1	RRPPS 25 321UT55	RRPPS 25 331UT55	6
		ER25 DIN6499	85mm	8000rpm	i=1:1	RRPPS 25 421UT55	RRPPS 25 431UT55	6
		ER25 DIN6499	100mm	8000rpm	i=1:1	RRPPS 25 521UT55	RRPPS 25 531UT55	6
		ER16 DIN6499	70mm	32000rpm	i=1:4	RRPPS 16 122UT55		7
		ER16 DIN6499	80mm	16000rpm	i=1:2	RRPPS 16 4222UT55		7
		Ø16mm DIN6358	60mm	8000rpm	i=1:1	RRPFS 16 121UT55		7
		Ø16mm DIN6358	70mm	8000rpm	i=1:1	RRPFS 16 321UT55		7
		Ø16mm DIN6358	85mm	8000rpm	i=1:1	RRPFS 16 421UT55		7
		Ø16mm DIN6358	100mm	8000rpm	i=1:1	RRPFS 16 521UT55		7
	90° Double	ER25 DIN6499	60mm	8000rpm	i=1:1	RRPPT 25 121UT55		8
		ER25 DIN6499	70mm	8000rpm	i=1:1	RRPPT 25 321UT55		8
		ER25 DIN6499	85mm	8000rpm	i=1:1	RRPPT 25 421UT55		8
		ER25 DIN6499	100mm	8000rpm	i=1:1	RRPPT 25 521UT55		8
	±90°							
		ER20 DIN6499		8000rpm	i=1:1	ROPPS 20 121UT55		9

BMT55	Version	Tools Clamping	Center Height	Coolant	ALGRA Part No.	Page
	O.D. cutting holder	□ 25mm	H:65mm	External	E10/U 25 T55X65	10
		□ 1"	H:65mm	External	E10/U 1" T55X65	10
	O.D. double holder	□ 25mm	H:85mm	External	E10/UD 25 T55X85	10
		□ 1"	H:85mm	External	E10/UD 1" T55X85	10
	Face and I.D. cutting holder	□ 20mm	H:84mm	External	E10/UAD20 T55X84	11
		□ 0.75"	H:84mm	External	E10/UAD0.75" T55X84	11
	Blade Holder	⌈ 26mm	H:100mm	External	E10/TT 26 T55X100	11
	Index cutting holder	□ 25mm	H:102mm	External	E12/IDS25 T55X102	12
		□ 1"	H:102mm	External	E12/IDS1" T55X102	12
	Boring Bar holder	∅ 40mm	H60mm	Int/Ext	E10/B 40 T55X60	12
		∅ 40mm	H:70mm	Int/Ext	E10/B 40 T55X70	12
		∅ 1.5"	H:70mm	Int/Ext	E10/B 1.5" T55X70	12
		∅ 40mm	H:95mm	Int/Ext	E10/B 40 T55X95	12
		∅ 1.5"	H:95mm	Int/Ext	E10/B 1.5" T55X95	12
	Boring Bar holder	∅ 20mm	H:95mm	Int/Ext	E10/BN 20 T55X95	13
		∅ 25mm	H:95mm	Int/Ext	E10/BN 25 T55X95	13
		∅ 32mm	H:95mm	Int/Ext	E10/BN 32 T55X95	13
		∅ 0.75"	H:95mm	Int/Ext	E10/BN 0.75" T55X95	13
		∅ 1"	H:95mm	Int/Ext	E10/BN 1" T55X95	13
		∅ 1.25"	H:95mm	Int/Ext	E10/BN 1.25" T55X95	13
	Boring Bar holder	∅ 25mm	H:65mm/110mm	Int/Ext	E10/BD 25 T55X65/110	13
		∅ 1"	H:65mm/110mm	Int/Ext	E10/BD 1" T55X65/110	13
	Index Boring Bar holder	∅ 32mm/25mm	H:70mm	Int/Ext	E12/IBD32/25 T55X70	14
		∅ 1.5"/1"	H:70mm	Int/Ext	E12/IBD1.5"/1" T55X70	14
	Boring Bar holder	∅ 20mm	H:65mm/90mm/115mm	Int/Ext	E10/BQ 20 T55X65/115	14
		∅ 0.75"	H:65mm/90mm/115mm	Int/Ext	E10/BQ 0.75" T55X65/115	14



1/BMT55

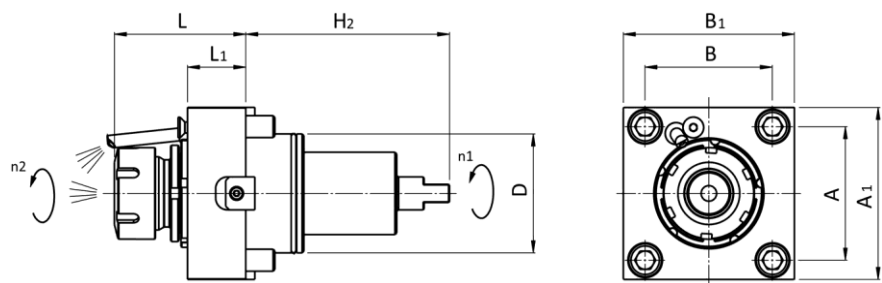
0°

DIN 6499

+1 (1:1)

EXTERNAL

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 25	121UT55	55	25			104	53,5÷57,2	25		64	64	85	85			40	8000	



2/BMT55

0°

DIN 6499

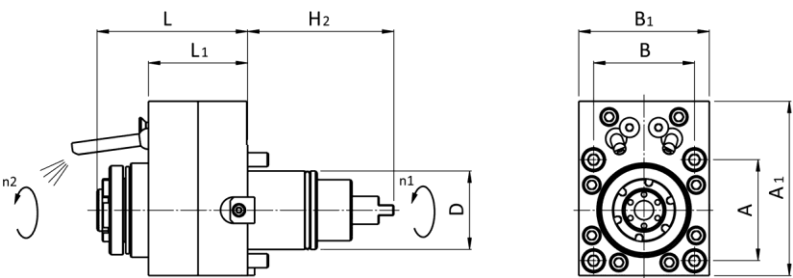
+1 (1:1)

INT./EXT.

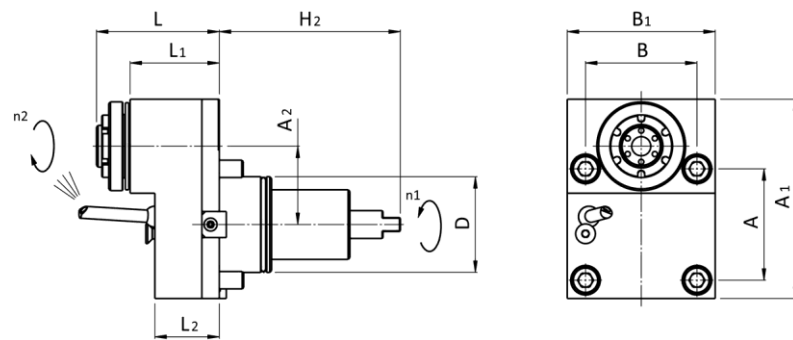
80 bar

Filtration 30µm

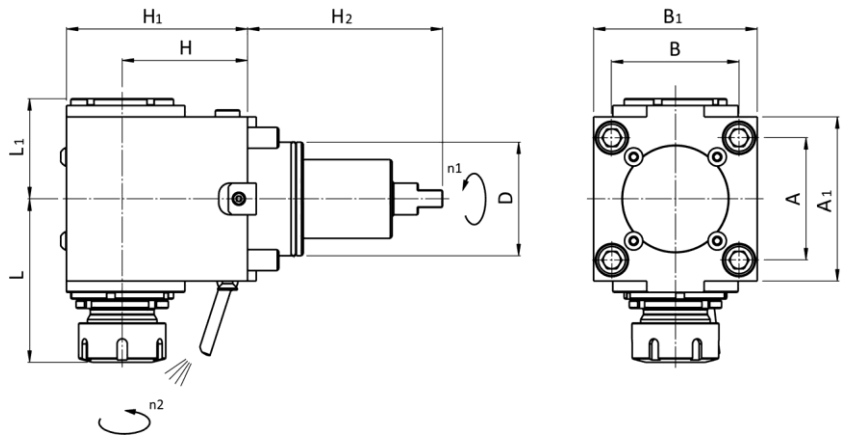
Codice		D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
code	code Bestell Nr.						(minmax)									Nm	min	kW
RAPPS 25	131UT55	55	25			104	53,5÷57,2	25		64	64	85	85			40	8000	8



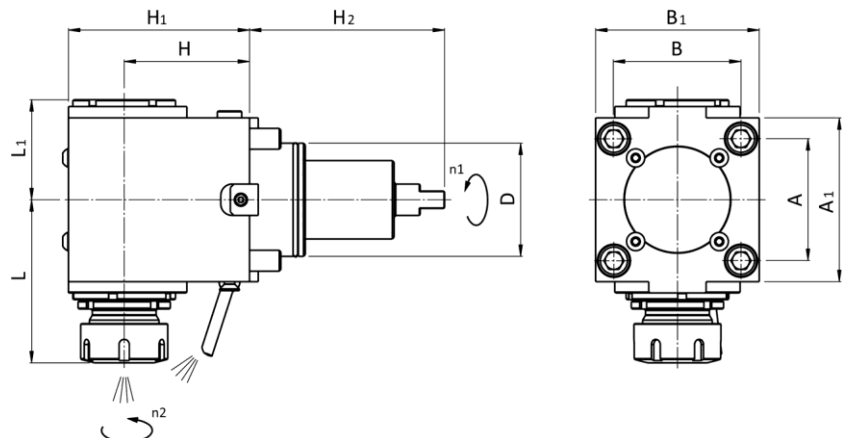
3/BMT55			Codice	D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
			code code Bestell Nr.						(minmax)									Nm	min	kW
0° DIN 6499 +4 (1:4)			RAPPS 16 122UT55	55	16			104	82,5+86,5	57		64	64	100	75			12	32000	3
EXTERNAL																				



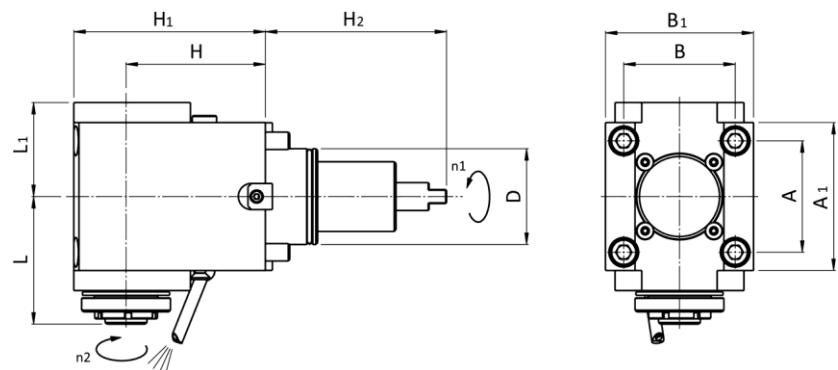
4/BMT55			Codice	D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
			code code Bestell Nr.						(minmax)									Nm	min	kW
0° DIN 6499 -2 (1:2)			RAPPD 16 1222UT55	55	16			104	66,8+70,5	51,3	37	64	64	114,5	85	45		15	16000	4
EXTERNAL																				



5/BMT55			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
90°			RRPPS 25 121UT55		55	25	60	90	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 321UT55		55	25	70	100	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 421UT55		55	25	85	115	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 521UT55		55	25	100	130	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
																					



6/BMT55			Codice		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
code		code																				
90°	DIN 6499	-1 (1:1)	RRPPS 25 131UT55			55	25	60	90	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 331UT55			55	25	70	100	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 431UT55			55	25	85	115	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
			RRPPS 25 531UT55			55	25	100	130	104	81,2÷84,9	52,2		64	64	85	85			40	8000	8
INT./EXT.			80 bar		Filtration 30µm																	



7/BMT55

90°

DIN 6499

+4 (1:4)

EXTERNAL

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	min1	kW
RRPPS 16 122UT55	55	16	70	100	104	66÷69,7	52,5		64	64	85	85			12	32000	3

7/BMT55

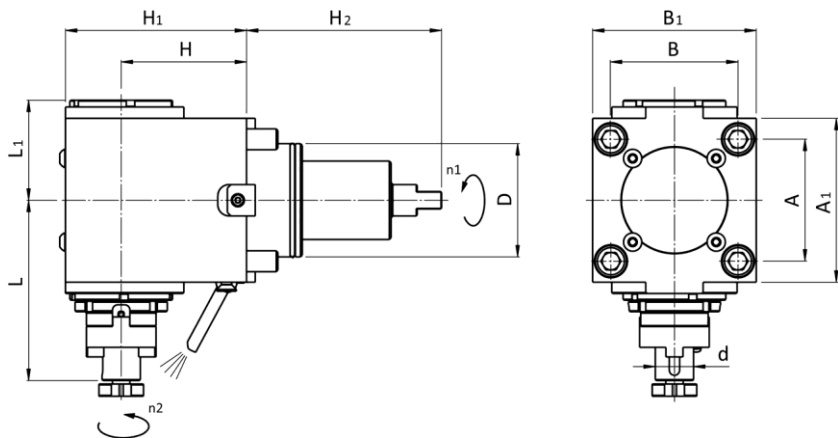
90°

DIN 6499

+2 (1:2)

EXTERNAL

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	min1	kW
RRPPS 16 4222UT55	55	16	80	110	104	69,6÷73,3	54		64	64	85	85			15	16000	4



8/BMT55

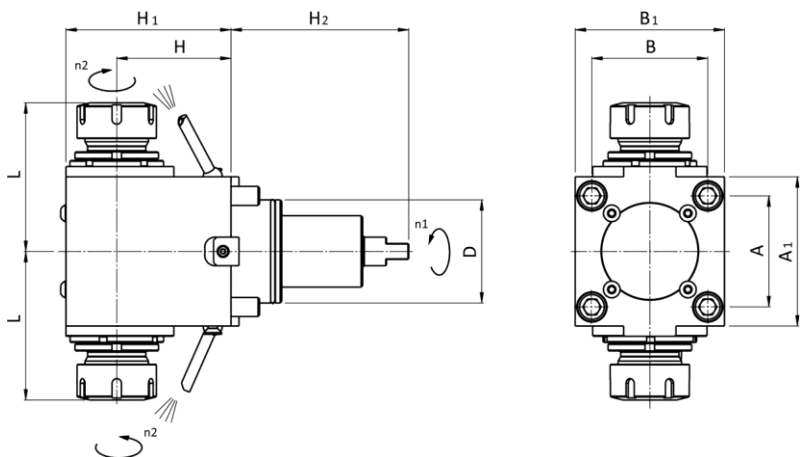
90°

DIN 6358

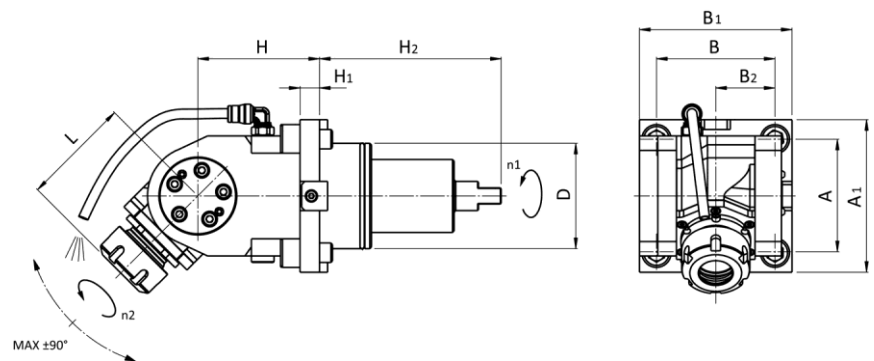
-1 (1:1)

EXTERNAL

Codice	D	d	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
code code Bestell Nr.															Nm	1	kW
RRPFS 16 121UT55	55	Ø16	60	90	104	95	52,2		64	64	85	85			40	8000	8
RRPFS 16 321UT55	55	Ø16	70	100	104	95	52,2		64	64	85	85			40	8000	8
RRPFS 16 421UT55	55	Ø16	85	115	104	95	52,2		64	64	85	85			40	8000	8
RRPFS 16 521UT55	55	Ø16	100	130	104	95	52,2		64	64	85	85			40	8000	8



9/BMT55			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	min1	kW
90°			RRPPT 25 121UT55		55	25	60	90	104	81,2÷84,9			64	64	85	85			40	8000	8
			RRPPT 25 321UT55		55	25	70	100	104	81,2÷84,9			64	64	85	85			40	8000	8
			RRPPT 25 421UT55		55	25	85	115	104	81,2÷84,9			64	64	85	85			40	8000	8
			RRPPT 25 521UT55		55	25	100	130	104	81,2÷84,9			64	64	85	85			40	8000	8
																					



10/BMT55

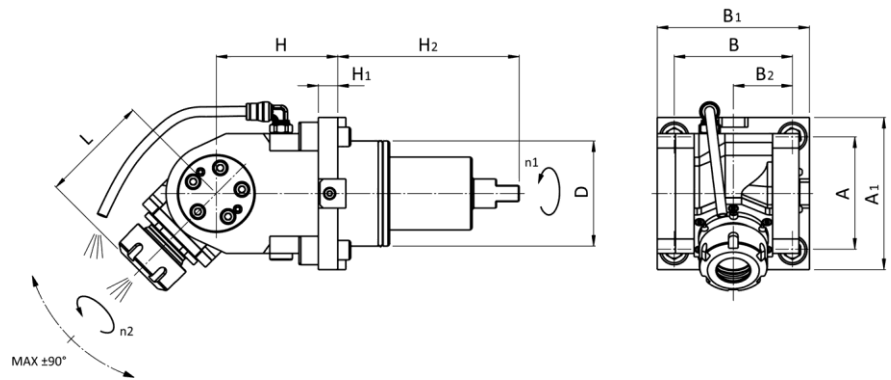
±90°

DIN 6499

+1 (1:1)

EXTERNAL

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	min1	kW
ROPPS 20	121UT55	55	20	65	12	104	48,8÷52,5			64	64	85	85		32	15	8000	3



11/BMT55

±90°

DIN 6499

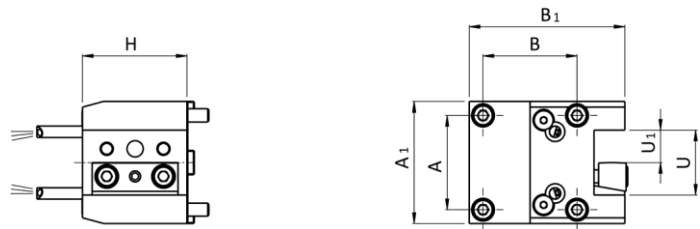
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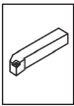
80 bar

Filtration 30µm

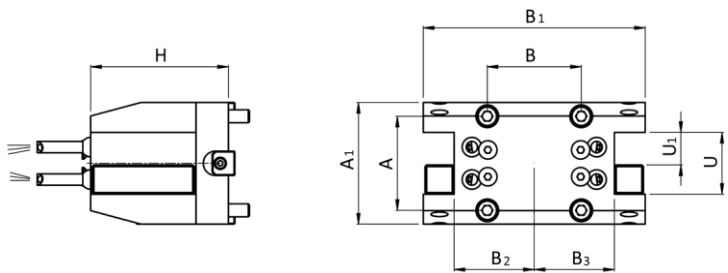
Codice		D	ER	H	H1	H2	L	L1	L2	A	B	A1	B1	A2	B2	M ₂	n ₂	P
code	code Bestell Nr.						(minmax)									Nm	min1	kW
ROPPS 20	131UT55	55	20	65	12	104	48,8÷52,5			64	64	85	85		32	15	8000	3



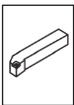
101/BMT55



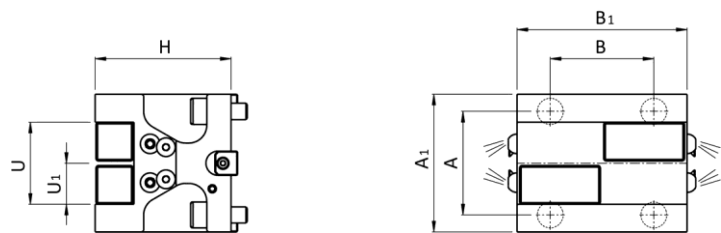
Codice code code Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/U 25 T55X65	50	25		65				64	64	85	111			
E10/U 1" T55X65	2"	1"		65				64	64	85	111			

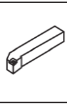


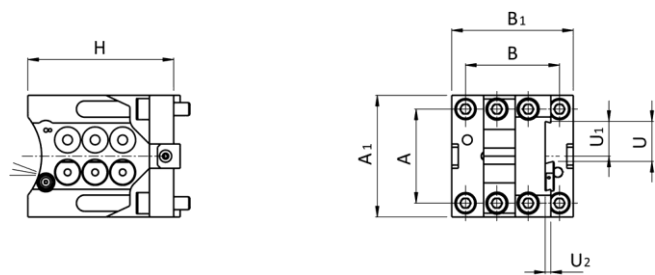
102/BMT55



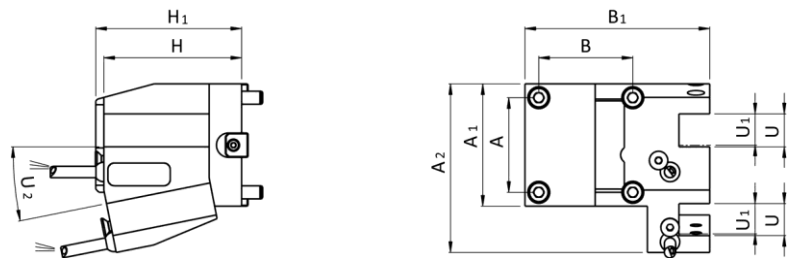
Codice code code Bestell Nr.	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
E10/UD 25 T55X85	50	25		85				64	64	85	155		57	57
E10/UD 1" T55X85	2"	1"		85				64	64	85	155		57	57

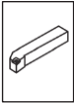


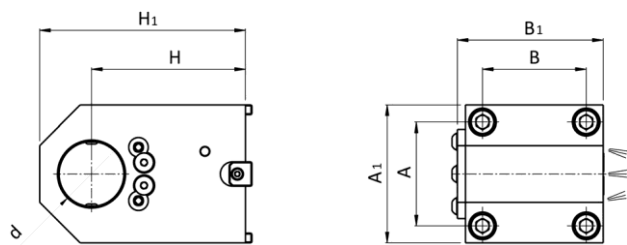
103/BMT55		Codice	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
		E10/UAD20T55X84	40	20		84				64	64	85	105			
		E10/UAD0.75" T55X84	1.5"	0.75"		84				64	64	85	105			

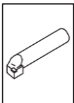


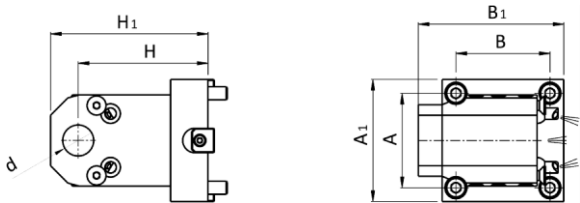
104/BMT55		Codice	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
		E10/TT 26 T55X100	26	21	2,36	100				64	64	85	85			

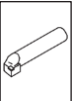


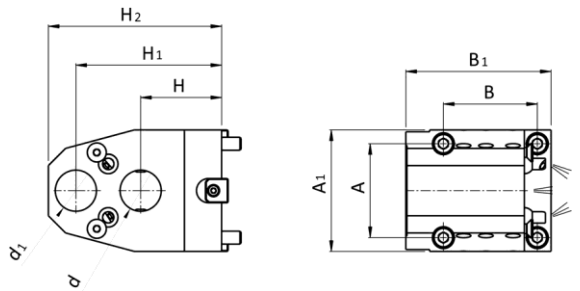
105/BMT55		Codice	U	U1	U2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
		E12/IDS25 T55X102	26,5	25	15°	102	110			64	64	85	121	135		
		E12/IDS1" T55X102	26,5	1"	15°	102	110			64	64	85	121	135		

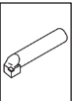


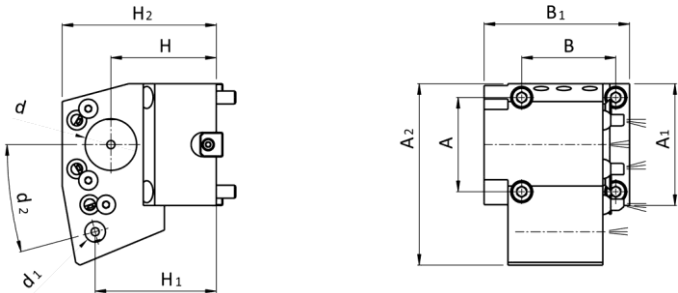
106/BMT55		Codice	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
		E10/B 40 T55X60	Ø 40			60	92			64	64	85	90			
		E10/B 40 T55X70	Ø 40			70	102			64	64	85	90			
		E10/B 1.5" T55X70	Ø 1.5"			70	102			64	64	85	90			
		E10/B 40 T55X95	Ø 40			95	125			64	64	85	90			
		E10/B 1.5" T55X95	Ø 1.5"			95	125			64	64	85	90			

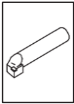


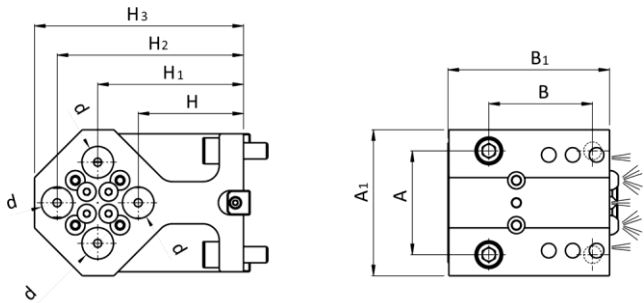
107/BMT55		Codice		d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
code	code Bestell Nr.																
 	E10/BN 20 T55X95			Ø 20			95	130			64	64	85	100			
	E10/BN 25 T55X95			Ø 25			95	130			64	64	85	100			
	E10/BN 32 T55X95			Ø 32			95	135			64	64	85	100			
	E10/BN 0.75" T55X95			Ø 0.75"			95	130			64	64	85	100			
	E10/BN 1" T55X95			Ø 1"			95	130			64	64	85	100			
	E10/BN 1.25" T55X95			Ø 1.25"			95	135			64	64	85	100			

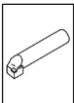


108/BMT55		Codice		d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
code	code Bestell Nr.																
 	E10/BD 25 T55X65/110			Ø 25	Ø 25		65	110	130		64	64	85	90			
	E10/BD 1" T55X65/110			Ø 1"	Ø 1"		65	110	130		64	64	85	90			



109/BMT55		Codice	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
 		E12/IBD32/25 T55X70	Ø 32	Ø 25	15°	70	61,4	110		64	64	85	100	130		
		E12/IBD1.5"/1" T55X70	Ø 1.5"	Ø 1"	15°	70	61,4	110		64	64	85	100	130		



110/BMT55		Codice	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2	B3
		code code Bestell Nr.														
 		E10/BQ 20 T55X65/115	Ø 20			65	90	115	120	64	64	90	100			
		E10/BQ 0.75" T55X65/115	Ø 0.75"			65	90	115	120	64	64	90	100			



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.

Visit our web site for more information
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The technical data, dimensions and weight are subject to change without notice. The illustrations are for reference only.