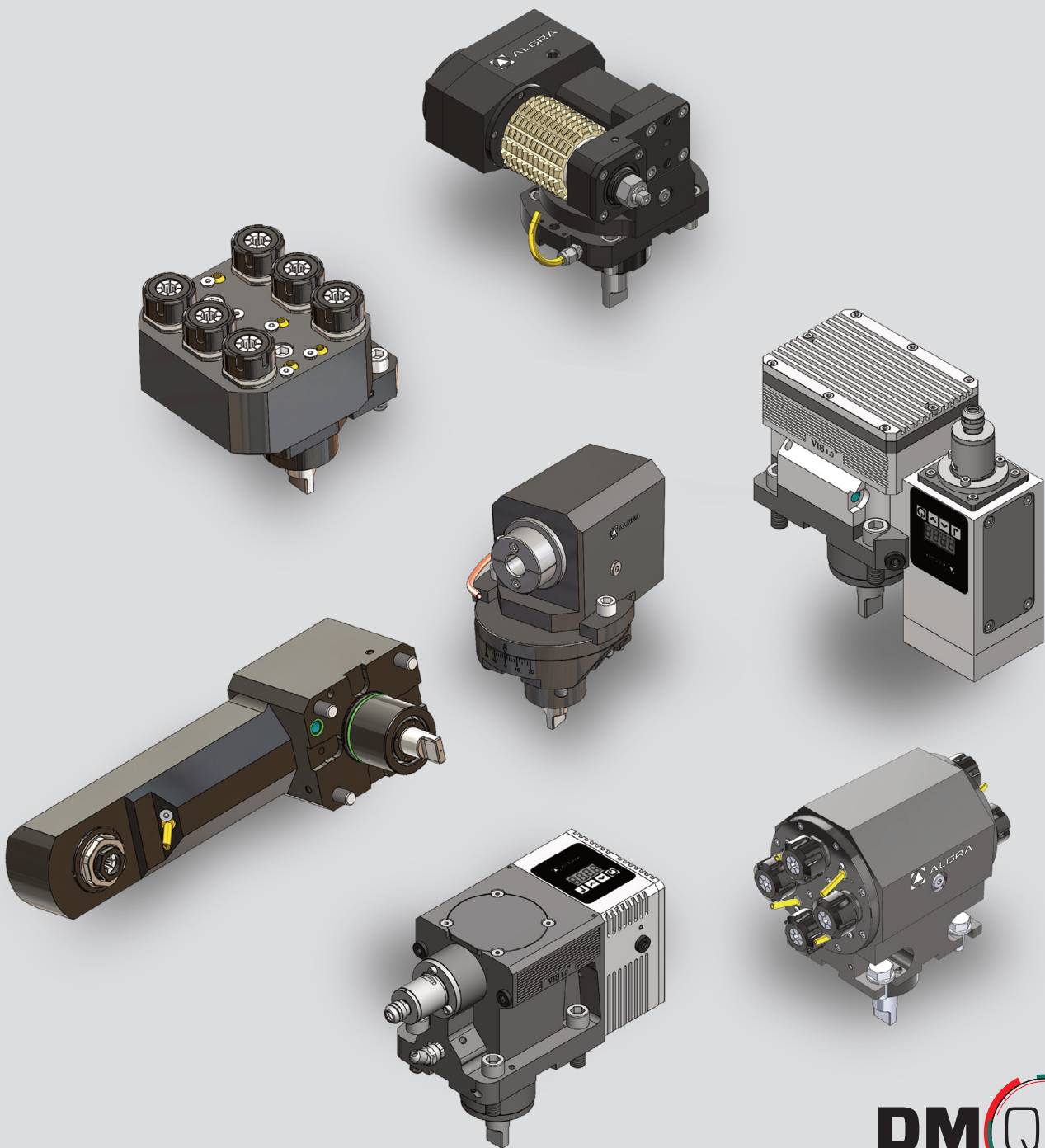
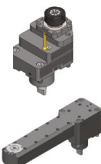
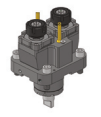
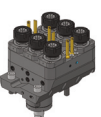
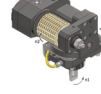
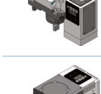


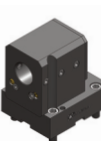
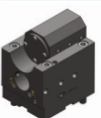
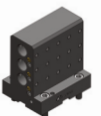
NL / NLX 1500 - 12 station
NL / NLX 2000 - 12 station
NL / NLX 2500 - 12 station
NL / NLX 3000 - 12 station
NLX 4000
NT 4000 / 4200 / 4250 / 4300 / 5000 / 5400
NZL 2000 / 2500
NZX 2500 - 12 station

Toolholder Program

NL



NL	Version	Tools Clamping	Center Height	Max. speed	Ratio	External	Internal	Page
	0°	ER25 - DIN6499		10000rpm	i=1:1	RAPPH 25 221UNL	RAPPH 25 231UNL	4
		ER32 - DIN6499		10000rpm	i=1:1	RAPPH 32 221UNL	RAPPH 32 231UNL	4
		ER40 - DIN6499		10000rpm	i=1:1	RAPPH 40 121UNL	RRPPH 40 131UNL	4
		ER40 - DIN6500		10000rpm	i=1:1	RAPPH 40 121UNL-ELT		4
		ER40 - DIN6501		10000rpm	i=1:1	RAPPH 40 121UNL-ELTP		
		Ø20mm - DIN1835		10000rpm	i=1:1	RAPWH 20 121UNL	RAPWH 20 131UNL	5
		Ø25mm - DIN1835		10000rpm	i=1:1	RAPWH 25 121UNL	RAPWH 25 131UNL	5
		Ø1" - DIN1835		10000rpm	i=1:1	RAPWH 1" 121UNL	RAPWH 1" 131UNL	5
		ISO26623 - C5		10000rpm	i=1:1	RAPCH C5 121UNL	RAPCH C5 131UNL	6
		ISO26623 - C4		10000rpm	i=1:1	RAPCH C4 121UNL	RAPCH C4 131UNL	6
	0° Offset	ER25 - DIN6499		10000rpm	i=1:1	RAPPDZ32 121UNL/45	RAPPDZ32 131UNL/45	8
		ER25 - DIN6499		6000rpm	i=1:1	RAPPDR25 121UNL/330		9
	0° Double	ER25 - DIN6499		10000rpm	i=1:1	RAPPTZ25 121UNL	RAPPTZ25 131UNL	10
				10000rpm	i=1:1	RAPPTYH25 121UNL	RAPPTYH25 131UNL	11
	0° Multi	ER25 - DIN6498		6000rpm	i=1:1	RAPP3 25 121UNL		12
				6000rpm	i=1:1	RAPP6 25 121UNL		12
	90°	ER25 - DIN6499	90mm	10000rpm	i=1:1	RRPPH 25 121UNL	RRPPH 25 131UNL	13
		ER32 - DIN6499	90mm	10000rpm	i=1:1	RRPPH 32 121UNL	RRPPH 32 131UNL	13
		ER40 - DIN6499	90mm	10000rpm	i=1:1	RRPPH 40 121UNL	RRPPH 40 131UNL	13
		ER40 - DIN6499	90mm	10000rpm	i=1:1	RRPPH 40 121UNL-ELT		13
		ER40 - DIN6499	90mm	10000rpm	i=1:1	RRPPH 40 121UNL-ELTP		13
		Ø20mm - DIN1835	90mm	6000rpm	i=1:1	RRPWH 20 121UNL	RRPWH 20 131UNL	14
		Ø25mm - DIN1835	90mm	6000rpm	i=1:1	RRPWH 25 121UNL	RRPWH 25 131UNL	14
		Ø32mm - DIN1835	90mm	6000rpm	i=1:1	RRPWH 32 121UNL	RRPWH32 131UNL	14
		Ø1" - DIN1835	90mm	6000rpm	i=1:1	RRPWH 1" 121UNL	RRPWH 1" 131UNL	14
		ISO26623 - C5	90mm	10000rpm	i=1:1	RRPCH C5 121UNL	RRPCH C5 131UNL	15
		ISO26623 - C4	90mm	10000rpm	i=1:1	RRPCH C4 121UNL	RRPCH C4 131UNL	15
		Ø16mm - DIN6358	90mm	6000rpm	i=1:1	RRPFH 16 121UNL		16
		Ø22mm - DIN6358	90mm	6000rpm	i=1:1	RAPFH 22 121UNL		16
		Ø27mm - DIN6358	90mm	6000rpm	i=1:1	RAPFH 27 121UNL		16
	90° Offset	ER32 - DIN6499	100mm	10000rpm	i=1:1	RRPPAH32 321UNL	RRPPAH32 331UNL	17
	90° Double	ER32 - DIN6499	90mm	10000rpm	i=1:1	RRPPTH32 121UNL		18
		ER40 - DIN6499	90mm	10000rpm	i=1:1	RRPPTH40 121UNL		18
		ER25 - DIN6499	90mm	6000rpm	i=1:1	RRPPYH25 121UNL		19
		ER25 - DIN6499	90mm	6000rpm	i=1:1	RRPPTYH25 121UNL		19
		ER20 - DIN6499	55mm	6000rpm	i=1:1	RRPPQ 20 121UNL		20
	90° Multi	ER20 - DIN6500	55mm	6000rpm	i=1:1	RRPPTQ20 121UNL		20
	±90°	ER25 - DIN6499		10000rpm	i=1:1	ROPFH 25 121UNL	ROPFH 25 131UNL	21
	Gear Hobber	Ø16mm		3000rpm	i=2:1	RRPCS 16 323UNL		22
		Ø22mm		3000rpm	i=2:1	RRPCS 22 323UNL		22
		Ø27mm		3000rpm	i=2:1	RRPCS 27 323UNL		22
		Ø32mm		3000rpm	i=2:1	RRPCS 32 323UNL		22
		Ø0.75"		3000rpm	i=2:1	RRPCS 0.75" 323UNL		22
		Ø1"		3000rpm	i=2:1	RRPCS 1" 323UNL		22
		Ø1.25		3000rpm	i=2:1	RRPCS 1.25" 323UNL		22
	Fixed angle	ER32 - DIN6499		6000rpm	i=1:1	RIPPH 32121UNL/45		23
	0° Electrospindle			30000rpm	i=1:1	RAPNKD60 12EDNL	RAPNKD30 13EDNL	24
	90° Electrospindle			60000rpm	i=1:1	RRPNK 60 12EUNL		25

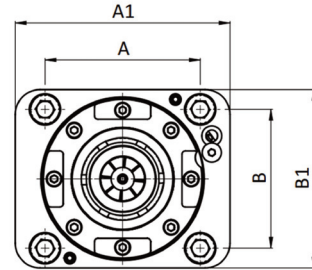
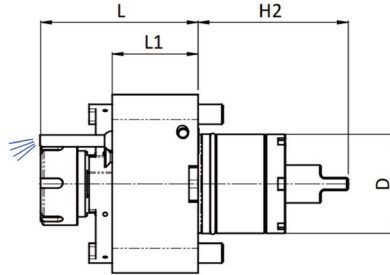
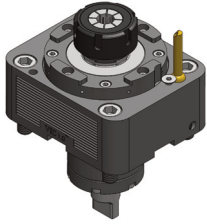
NL	Version	Tools Clamping	Center Height	Coolant	ALGRA Part No.	DMG MORI Part No.	Page
	O.D. cutting holder	□ 20mm		External	E10/US 20 NLX70	T00187	26
		□ 25mm		External	E10/US 25 NLX70	T00186	26
		□ 25mm		External	E10/US 25 NLX90	T00385	26
		□ 0.75"		External	E10/US 0.75" NLX70	T00203	26
		□ 1"		External	E10/US 1" NLX70	T00202	26
		□ 1"		External	E10/US 1" NLX90		26
	O.D. double holder	□ 20mm		External	E10/UD 20 NLX70	T00185	26
		□ 25mm		External	E10/UD 25 NLX70	T00184	26
		□ 0.75"		External	E10/UD 0.75" NLX70	T00201	26
		□ 1"		External	E10/UD 1" NLX70	T00199	26
	O.D. Y-axis double toolholders for both spindle	□ 20 mm		External	E10/UQ 20 NLX65		27
		□ 25 mm		External	E10/UQ 25 NLX65	T00253	27
	Face and I.D. cutting holder	□ 20mm		External	E10/UA 20 NLX70	T03006	27
		□ 25mm		External	E10/UA 25 NLX90	T03005	27
		□ 0.75"		External	E10/UA 0.75" NLX70	T03014	27
		□ 1"		External			27
		□ 1"		External	E10/UA 1" NLX90	T03013	27
	Cut-off holder	□ 25mm		External	E10/UT 25 NLX110	T00197	28
		□ 1"		External	E10/UT 1" NLX110	T00198	28
	Blade holder	32mm		External	E10/TT 32 NL		28
		32mm		External	E10/TTI32 NLX95		28
	Boring Bar Holder	Ø 40mm	H:80mm	Int/Ext	E10/BS 40 NLX80	T10097 - T13128	29
		Ø 50mm	H:80mm	Int/Ext	E10/BS 50 NLX80	T10098 - T13139	29
		Ø 1.5"	H:80mm	Int/Ext	E10/BS 1.5" NLX80	T10101 - T13130	29
		Ø 2"	H:80mm	Int/Ext	E10/BS 2" NLX80	T10102 - T13140	29
		Ø 2.5"	H:80mm	Int/Ext	E10/BS 2.5" NLX80		29
		Ø 40mm	H:100mm	Int/Ext	E10/BS 40 NLX100	T10181	29
		Ø 1.5"	H:100mm	Int/Ext	E10/BS 1.5" NLX100	T10195	29
		Ø 40mm	H:120mm	Int/Ext	E10/BS 40 NLX120	T10113 - T13131	29
		Ø 50mm	H:120mm	Int/Ext	E10/BS 50 NLX120	T10114	29
		Ø 1.5"	H:120mm	Int/Ext	E10/BS 1.5" NLX120	T10134 - T13137	29
		Ø 1.5"	H:125mm	Int/Ext	E10/BS 1.5" NLX125		29
		Ø 2"	H:120mm	Int/Ext	E10/BS 2" NLX120	T10135	29
	Boring bar holder	Ø 25 mm	H:60mm/95mm/130mm	External	E10/B3 15 NLX60/95/129		30
		Ø 1"	H:60mm/95mm/130mm	External	E10/B3 25 NLX60/95/130		30
	Collet face drill holder	ER32	H:120mm	Int/Ext	E10/ER32D NLX120		30
	VDI Adapter	VDI30	H:80mm		E10/VDI 30D NLX80		31
		VD40	H:80mm		E10/VDI40D NLX81		31

1/NL

Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n1:n2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPH 25 221UNL	60	25	94	52				91	94	84	130	108			60	10000
RAPPH 32 221UNL	60	32	95,5	52				91	94	84	130	108			60	10000
RAPPH 40 121UNL	60	40	98,5	52				91	94	84	130	108			60	10000
RAPPH 40 121UNL-ELT	60	40	98,5	52				91	94	84	130	108			60	10000
RAPPH 40 121UNL-ELTP	60	40	98,5	52				91	94	84	130	108			60	10000

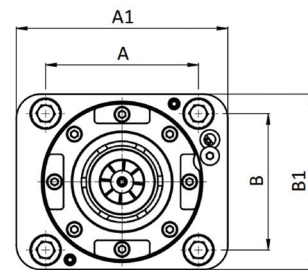
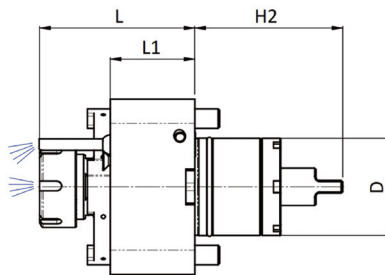
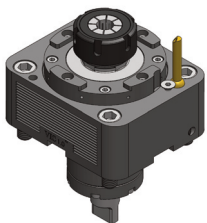
4

2/NL


Assiale
Axial
Axial
Axial

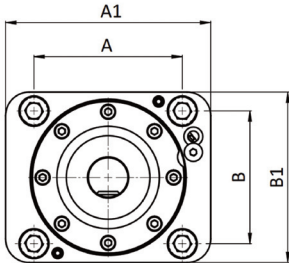
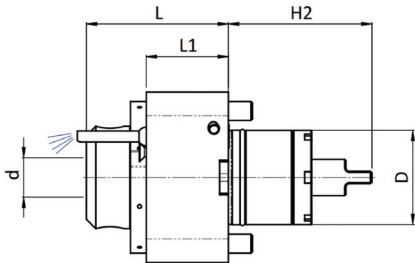
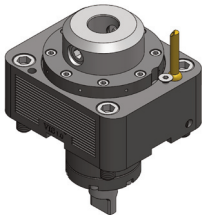
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern

 $i = n1:n2 = 1:1$


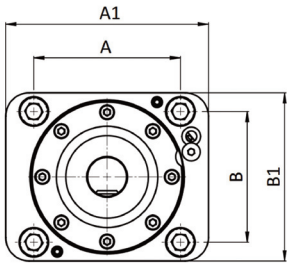
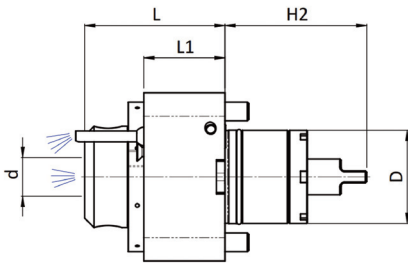
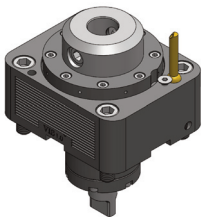
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPH 25 231UNL	60	25	94	52				91	94	84	130	108			60	10000
RAPPH 32 231UNL	60	32	95,5	52				91	94	84	130	108			60	10000
RAPPH 40 131UNL	60	40	98,5	52				91	94	84	130	108			60	10000

3/NL	Assiale Axial Axial Axial	Weldon Weldon Weldon Weldon	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPWH 20 121UNL	60	Ø 20	89	52				91	94	84	130	108			60	6000
RAPWH 25 121UNL	60	Ø 25	90	52				91	94	84	130	108			60	6000
RAPWH 1" 121UNL	60	Ø 1"	90	52				91	94	84	130	108			60	6000

4/NL	Assiale Axial Axial Axial	Weldon Weldon Weldon Weldon	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern	 80 bar  Filtration 30µm	 INT./EXT.	$i = n1:n2 = 1:1$ 
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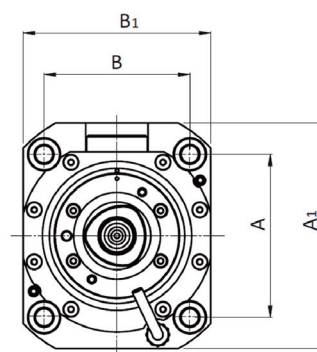
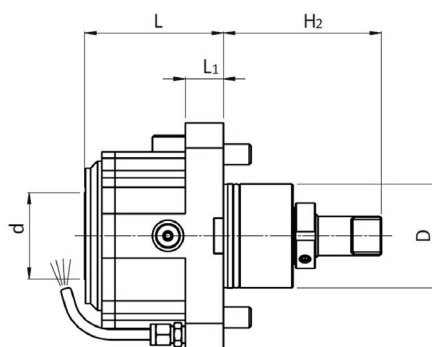
Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPWH 20 131UNL	60	Ø 20	89	52				91	94	84	130	108			60	6000
RAPWH 25 131UNL	60	Ø 25	90	52				91	94	84	130	108			60	6000
RAPWH 1" 131UNL	60	Ø 1"	90	52				91	94	84	130	108			60	6000

5/NL

Assiale
Axial
Axial
Axial

ISO 26623
ISO 26623
ISO 26623
ISO 26623

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n1:n2 = 1:1$


Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPCH C4 121UNL	60	C4	80	22				91	94	84	130	108			100	10000
RAPCH C5 121UNL	60	C5	80	22				91	94	84	130	108			100	10000

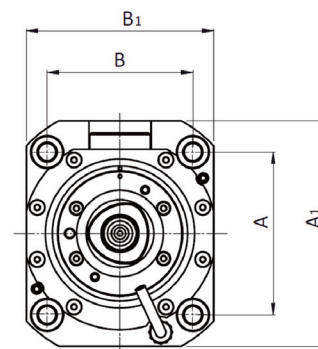
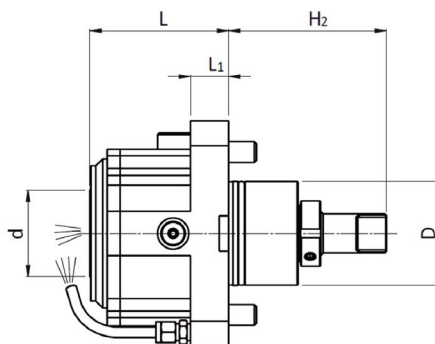
6

6/NL


Assiale
Axial
Axial
Axial

ISO 26623
ISO 26623
ISO 26623
ISO 26623

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern

 $i = n1:n2 = 1:1$


Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPCH C4 131UNL	60	C4	80	22				91	94	84	130	108			100	10000
RAPCH C5 131UNL	60	C5	80	22				91	94	84	130	108			100	10000

7/NL

Assiale
Axial
Axial
Axial

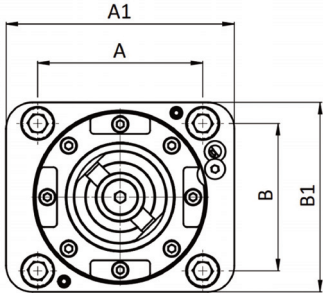
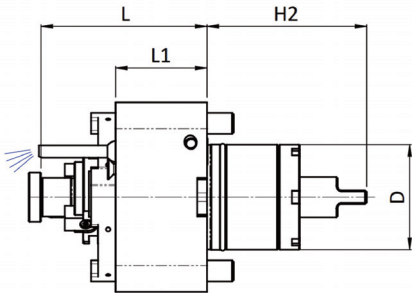
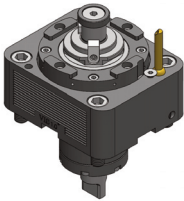
Portafresa
Milling arbor
Porte-fraise
Fräseinrichtung

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern


EXTERNAL

i = n1:n2 = 1:1





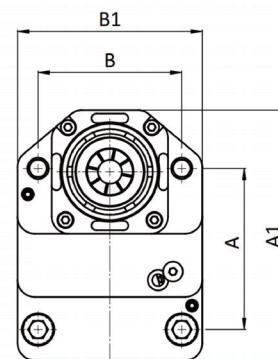
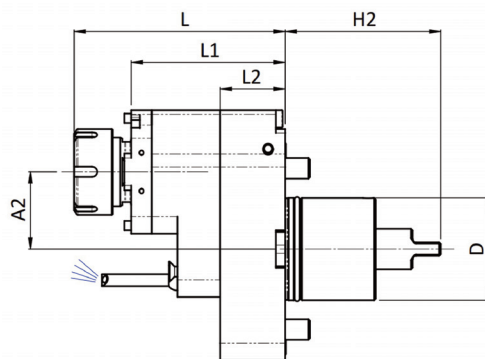
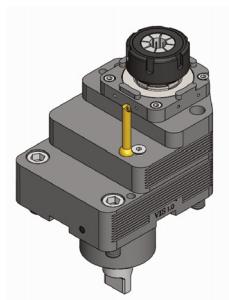
Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPFH 22 121UNL	60	Ø 22	94,5	52				91	94	84	130	108			60	6000
RAPFH 27 121UNL	60	Ø 27	94,5	52				91	94	84	130	108			60	6000

8/NL

Assiale disassato
Axial offset
D calage axial
Achsversatz

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage ext rieur
K hlschmierstoffzuf hrung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPDZ32 121UNL/45	60	32	121	90	38			91	94	84	130	108	45		80	10000

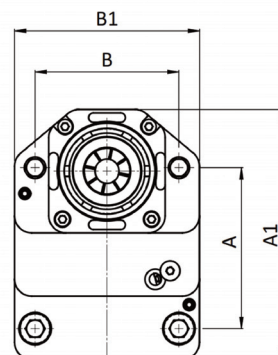
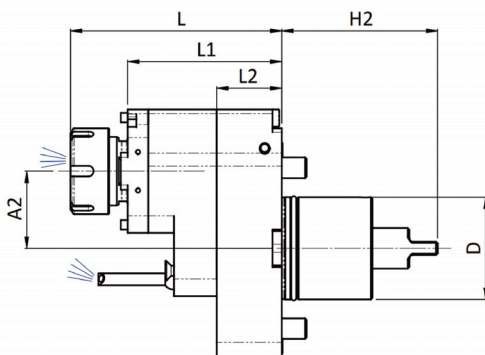
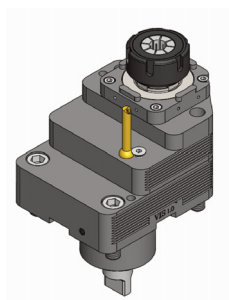
8

9/NL


Assiale disassato
Axial offset
D calage axial
Achsversatz

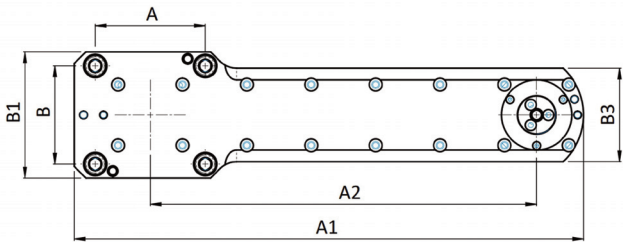
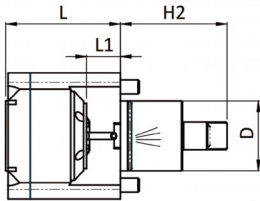
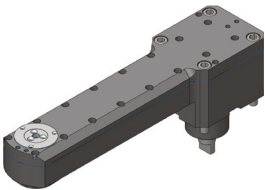
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage ext rieur et int rieur
K hlschmierstoffzuf hrung extern und intern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPDZ32 131UNL/45	60	32	123	90	38			91	94	84	130	108	45		80	10000

10/NL	Assiale disassato Axial offset Décalage axial Achsversatz	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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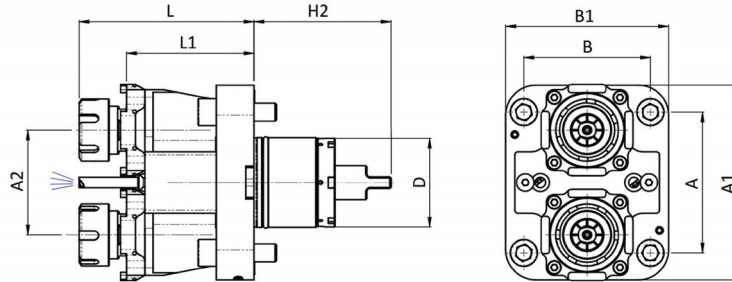
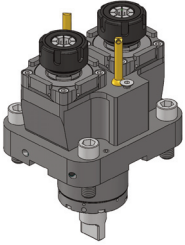
Codice - code - code - Bestell	D	ER	L	L1	H	H1	H2	B3	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPDR25 121UNL/330	60	25	98	29			91	80	94	84	435	108	330		60	6000

11/NL

Assiale doppio Z
Axial double Z
Axial 2 Fach Z

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPTZ25 121UNL	60	25	116	84,5				91	94	84	130	108	70		20	10000

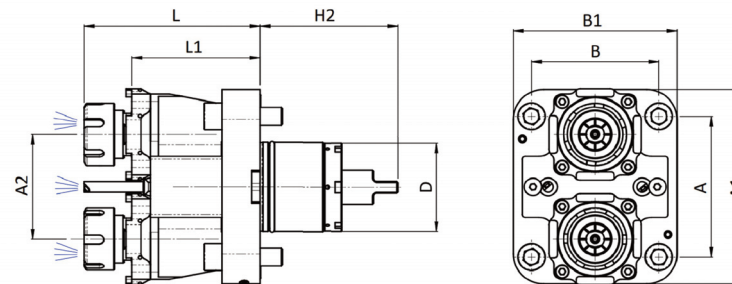
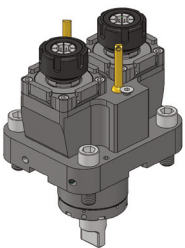
10

12/NL


Assiale doppio Z
Axial double Z
Axial 2 Fach Z

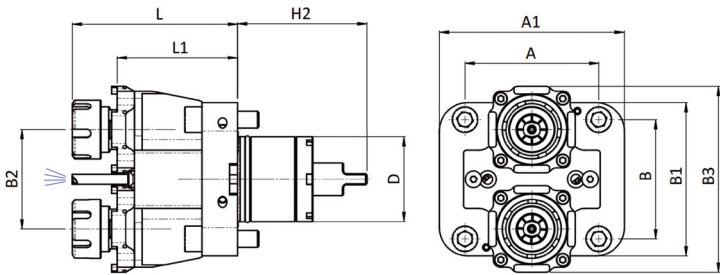
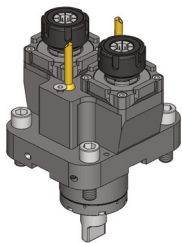
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern

 $i = n_1:n_2 = 1:1$


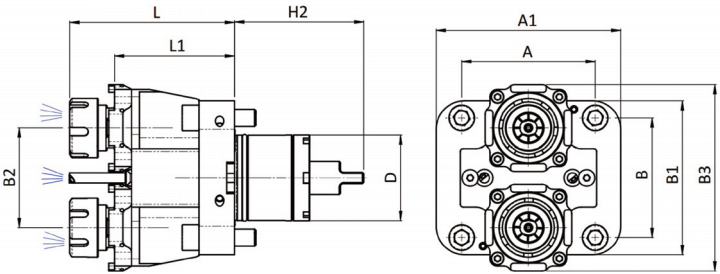
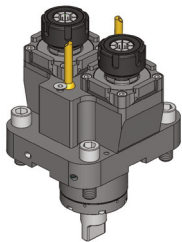
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPTZ25 131UNL	60	25	116	84,5				91	94	84	130	108	70		20	10000

13/NL	Assiale doppio Y Axial double Y Axial double Y Axial 2 Fach Y	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	ER	L	L1	H	H1	H2	B3	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPTYH25 121UNL	60	25	116	84,5			91	131	94	84	130	108		70	20	10000

14/NL	Assiale doppio Y Axial double Y Axial double Y Axial 2 Fach Y	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern	 80 bar  Filtration 30µm	 INT./EXT.	$i = n1:n2 = 1:1$ 
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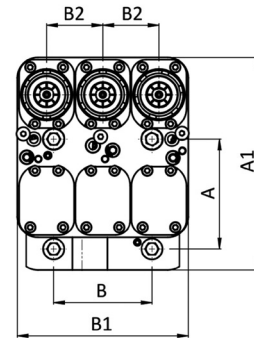
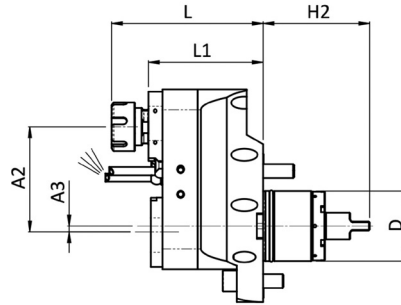
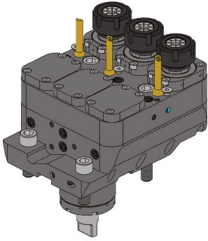
Codice - code - code - Bestell	D	ER	L	L1	H	H1	H2	B3	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPPTYH25 131UNL	60	25	116	84,5			91	131	94	84	130	108		70	20	10000

15/NL

Assiale multi
Axial multi
Axial multi
Axial multi

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	H	H1	H2	A3	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPP3 25 121UNL	60	25	130	98			91	5	94	84	182	146	90	48	20	6000

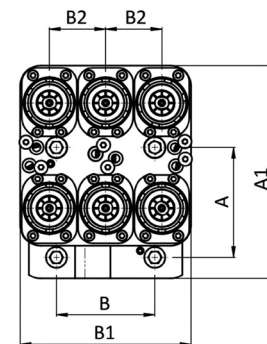
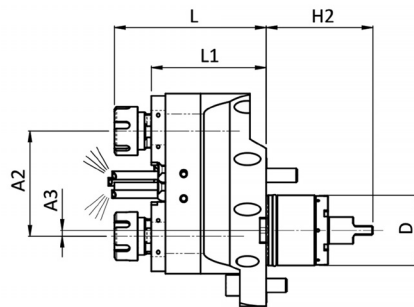
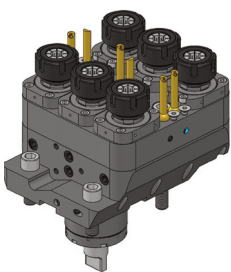
12

16/NL

Assiale multi
Axial multi
Axial multi
Axial multi

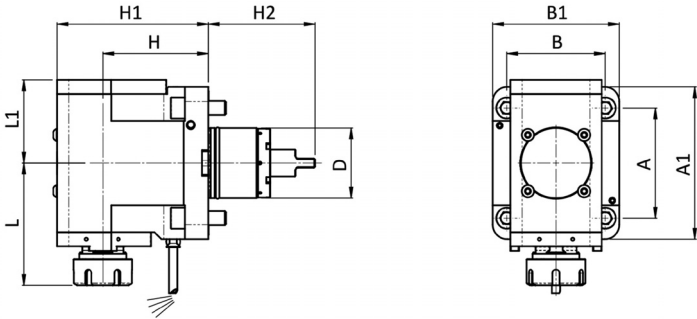
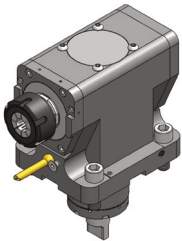
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


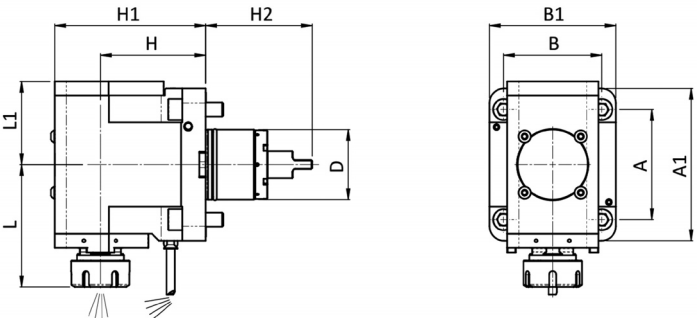
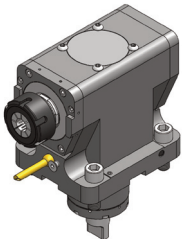
Codice - code - code - Bestell	D	ER	L	L1	H	H1	H2	A3	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-1
RAPP6 25 121UNL	60	25	130	98			91	5	94	84	182	146	90	48	20	6000

17/NL	Radiale Radial Radial Radial	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPH 25 121UNL	60	25	102,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 32 121UNL	60	32	104,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 40 121UNL	60	40	107,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 40 121UNL-ELT	60	40	107,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 40 121UNL-ELTP	60	40	107,5	71		90	129	91	94	84	130	108			60	10000

18/NL	Radiale Radial Radial Radial	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern	 INT./EXT.	$i = n1:n2 = 1:1$ 
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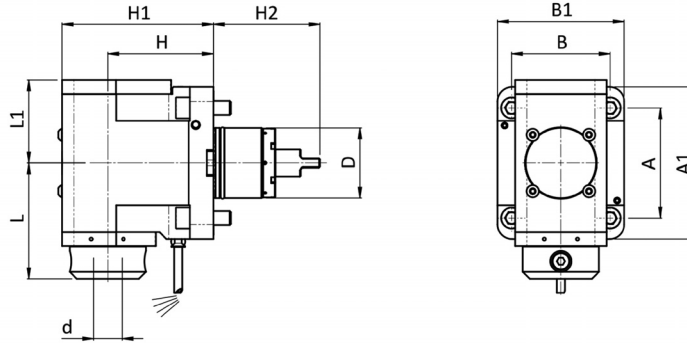
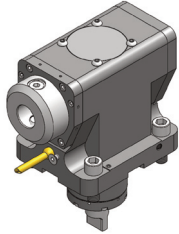
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPH 25 131UNL	60	25	102,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 32 131UNL	60	32	104,5	71		90	129	91	94	84	130	108			60	10000
RRPPH 40 131UNL	60	40	107,5	71		90	129	91	94	84	130	108			60	10000

19/NL

Radiale
Radial
Radial

Weldon
Weldon
Weldon

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPWH 20 121UNL	60	Ø 20	98	71		90	129	91	94	84	130	108			60	6000
RRPWH 25 121UNL	60	Ø 25	99	71		90	129	91	94	84	130	108			60	6000
RRPWH 32 121UNL	60	Ø 32	137	71		90	129	91	94	84	130	108			60	6000
RRPWH 1" 121UNL	60	Ø 1"	99	71		90	129	91	94	84	130	108			60	6000

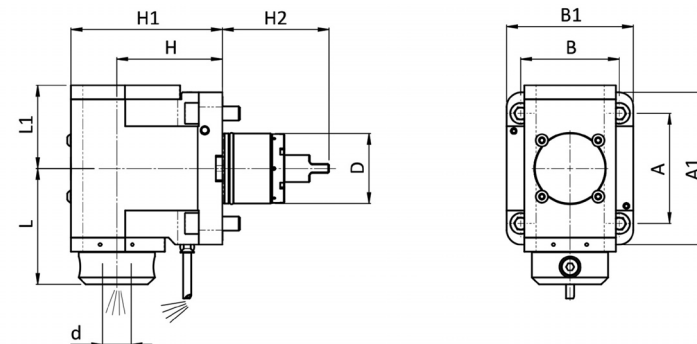
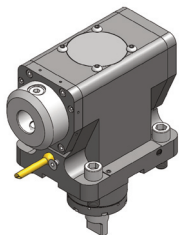
14

20/NL


Radiale
Radial
Radial

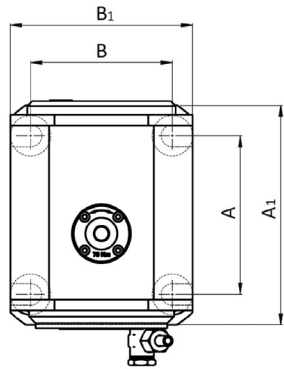
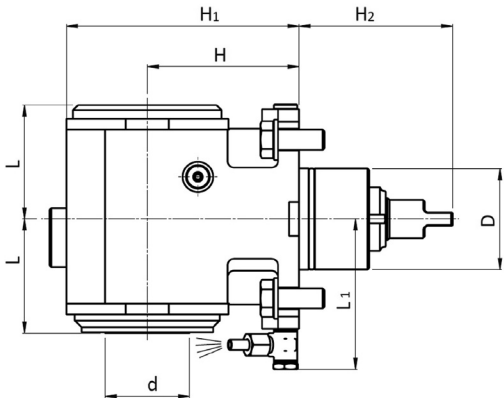
Weldon
Weldon
Weldon

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern

 $i = n_1:n_2 = 1:1$


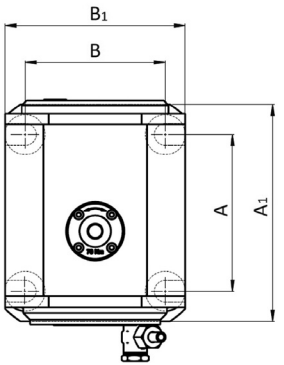
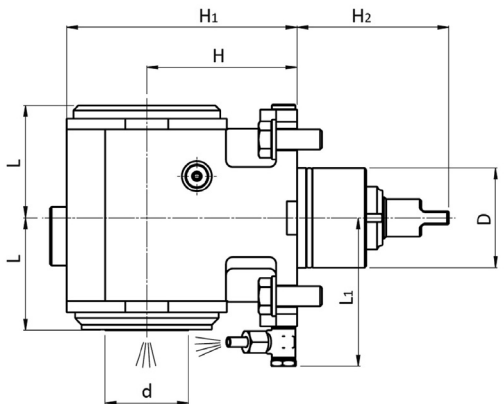
Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPWH 20 131UNL	60	Ø 20	98	71		90	129	91	94	84	130	108			60	6000
RRPWH 25 131UNL	60	Ø 25	99	71		90	129	91	94	84	130	108			60	6000
RRPWH 32 131UNL	60	Ø 32	137	71		90	129	91	94	84	130	108			60	6000
RRPWH 1" 131UNL	60	Ø 1"	99	71		90	129	91	94	84	130	108			60	6000

21/NL	Radiale Radial Radial Radial	ISO 26623 ISO 26623 ISO 26623 ISO 26623	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern		$i = n_1:n_2 = 1:1$ 
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Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPCH C4 121UNL	60	C4	68	89		90	138	91	94	84	130	108			100	10000
RRPCH C5 121UNL	60	C5	68	89		90	138	91	94	84	130	108			100	10000

22/NL	Radiale Radial Radial Radial	ISO 26623 ISO 26623 ISO 26623 ISO 26623	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern		$i = n_1:n_2 = 1:1$ 
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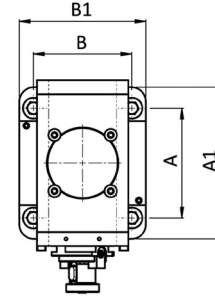
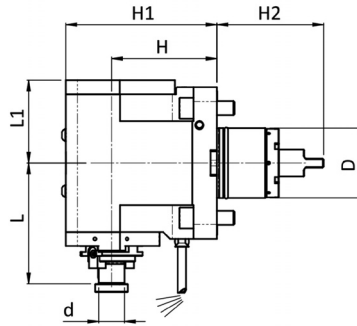
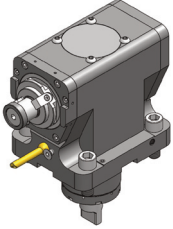
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPCH C4 131UNL	60	C4	68	89		90	138	91	94	84	130	108			100	10000
RRPCH C5 131UNL	60	C5	68	89		90	138	91	94	84	130	108			100	10000

23/NL

Radiale
Radial
Radial
Radial

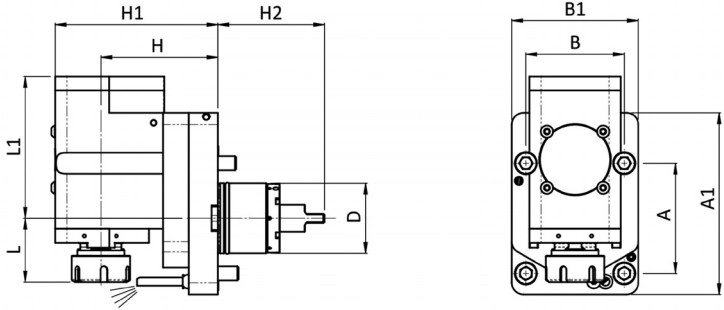
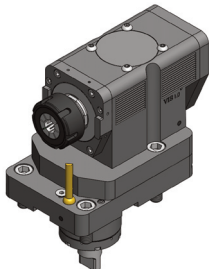
Portafresa
Milling arbor
Porte-fraise
Fräseinrichtung

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


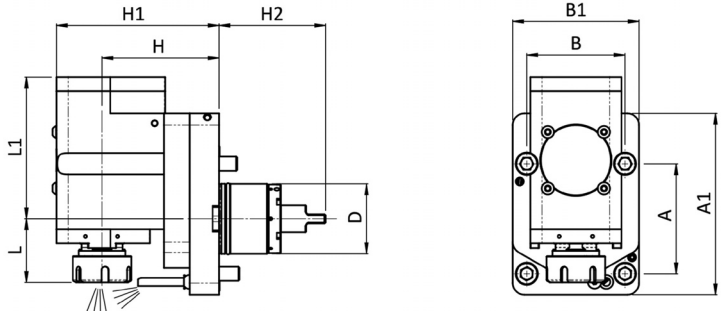
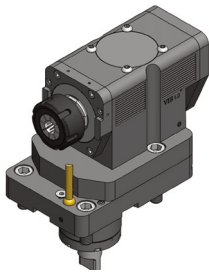
Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPFH 16 121UNL	60	Ø 16	98,5	71		90	129	91	94	84	130	108			60	6000
RRPFH 22 121UNL	60	Ø 22	103,5	71		90	129	91	94	84	130	108			60	6000
RRPFH 27 121UNL	60	Ø 27	104,5	71		90	129	91	94	84	130	108			60	6000

24/NL	Radiale arretrato Radial offset Décalée en arrière Zurückgesetzt	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPAH32 321UNL	60	32	54,5	121		100	139	91	94	84	155	108			60	10000

25/NL	Radiale arretrato Radial offset Décalée en arrière Zurückgesetzt	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern	 80 bar  Filtration 30µm	 INT./EXT.	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPAH32 331UNL	60	32	54,5	121		100	139	91	94	84	155	108			60	10000

26/NL

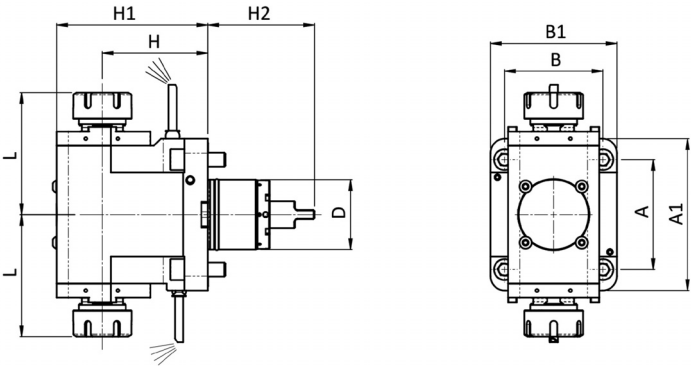
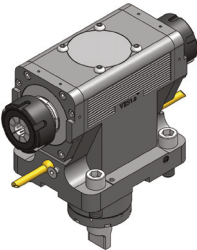
Radiale doppio
Radial both side
Radial Double
Radial 2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

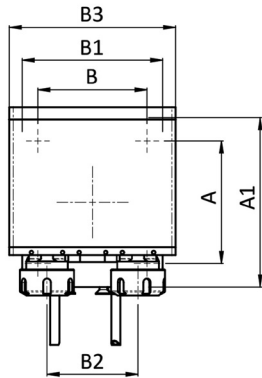
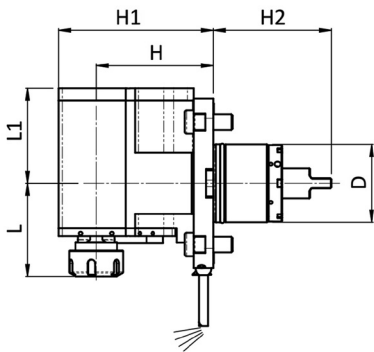
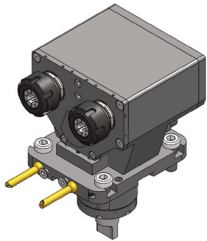

EXTERNAL

$i = n_1:n_2 = 1:1$   



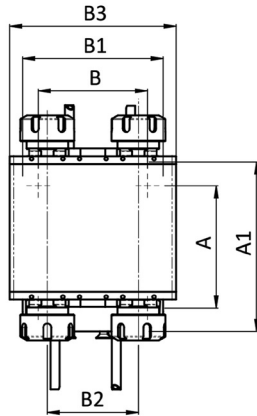
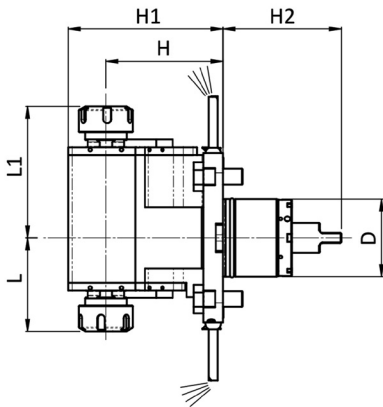
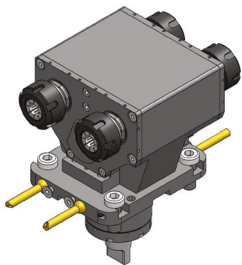
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPTH32 121UNL	60	32	104,5			90	129	91	94	84	130	108			60	10000
RRPPTH40 121UNL	60	40	107,5			90	129	91	94	84	130	108			60	10000

27/NL	Radiale doppio Y Radial Double Y Radial 2 Fach Y	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	B2	B3	M ₂ Nm	n ₂ min-
RRPPYH25 121UNL	60	25	72	71		90	119	91	94	84	130	108	70	128	40	6000

28/NL	Radiale doppio + doppio Y Radial Double + double Y Radial Double + double Y Radial 2 Fach + 2 fach Y	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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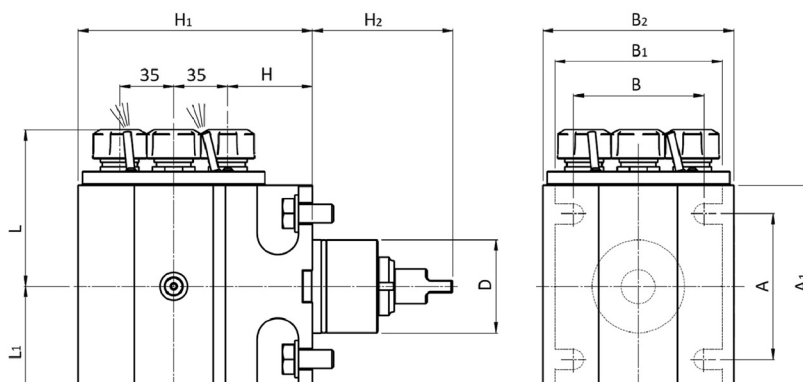
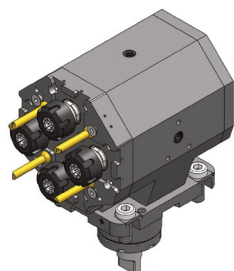
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	B2	B3	M ₂ Nm	n ₂ min-
RRPPTYH25 121UNL	60	25	72	101		90	119	91	94	84	130	108	70	128	40	6000

29/NL

Radiale multi
Radial multi
Radial multi
Radial multi

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPQ 20 121UNL	60	20	106	71,5		55	153	91	94	84	130	108		128	20	6000

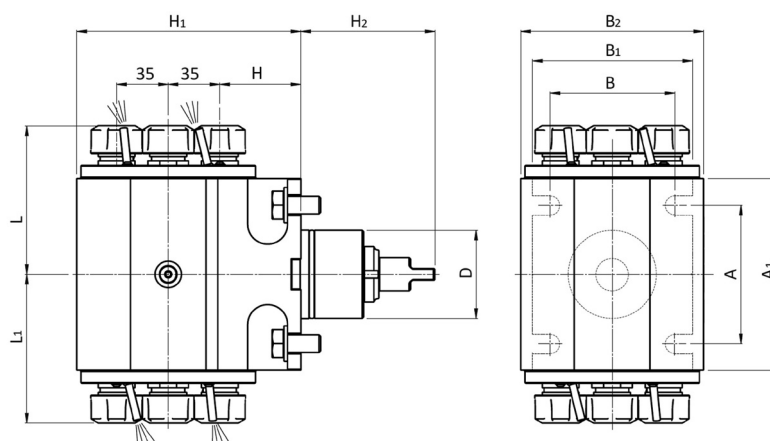
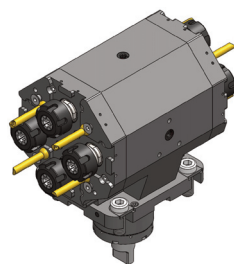
20

30/NL

Radiale multi
Radial multi
Radial multi
Radial multi

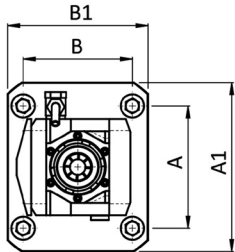
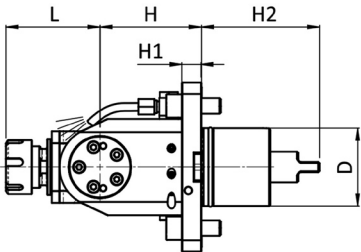
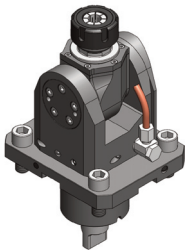
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


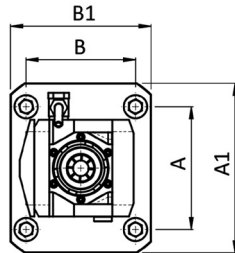
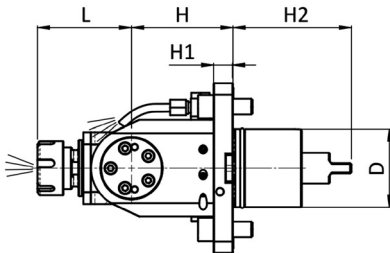
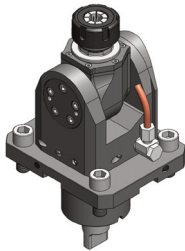
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPPTQ20 121UNL	60	20	106	106		55	153	91	94	84	130	108		128	20	6000

31/NL	Orientabile Angle adjustable Angle réglable Winkeleinstellbar Portapinza Collet chuck Pince de serrage Spannzangeaufnahme Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL i = n1:n2 = 1:1  
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
ROPPH 25 121UNL	60	25	67			78	15	91	94	84	130	108			25	10000

32/NL	 80 bar  Filtration 30µm Orientabile Angle adjustable Angle réglable Winkeleinstellbar Portapinza Collet chuck Pince de serrage Spannzangeaufnahme Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern <td>  INT./EXT. i = n1:n2 = 1:1   </td>	 INT./EXT. i = n1:n2 = 1:1  
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Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
ROPPH 25 131UNL	60	25	67			78	15	91	94	84	130	108			25	10000

33/NL

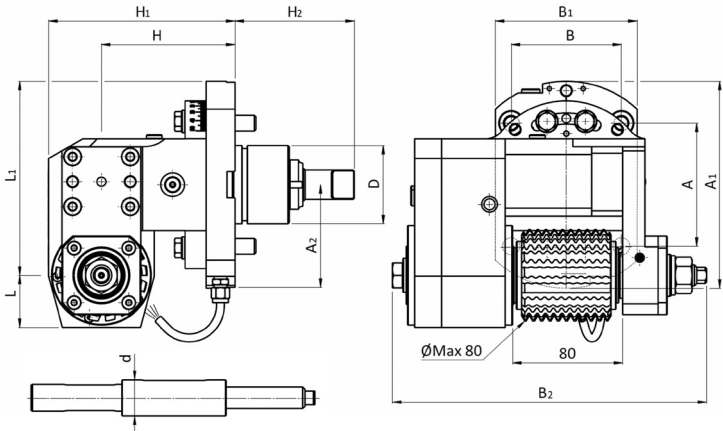
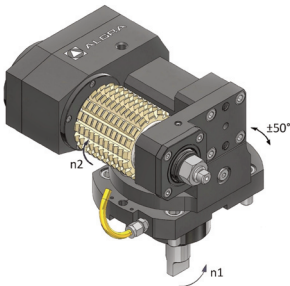
Creatore
Gear Hobber
Hobber à engrenages
Wälzfräser

Portafresa
Milling arbor
Porte-fraise
Fräseinrichtung

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

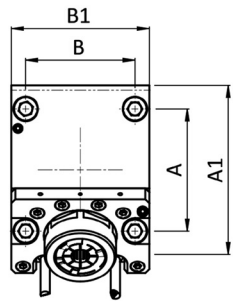
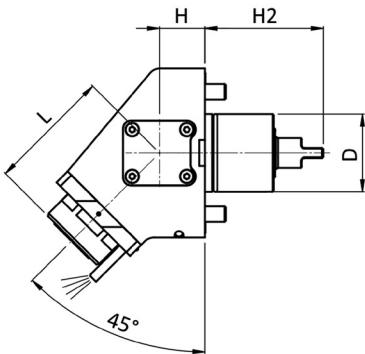
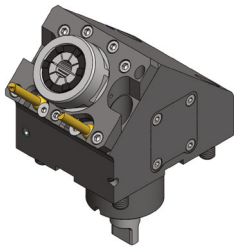


$i = n1:n2 = 2:1$ 



Codice - code - code - Bestell	D	d	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RRPCS 16 323UNL	60	Ø 16	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 22 323UNL	60	Ø 22	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 27 323UNL	60	Ø 27	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 32 323UNL	60	Ø 32	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 0.75" 323UNL	60	Ø 0,75	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 1" 323UNL	60	Ø 1	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000
RRPCS 1.25" 323UNL	60	Ø 1,25"	40	148		101,77	141,8	91	94	84	158	108	78,3	240	110	3000

34/NL	Angolo fisso Fixed angle Angle fixe Fester Winkel	Portapinza Collet chuck Pince de serrage Spannzangeaufnahme	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	 EXTERNAL	$i = n1:n2 = 1:1$ 
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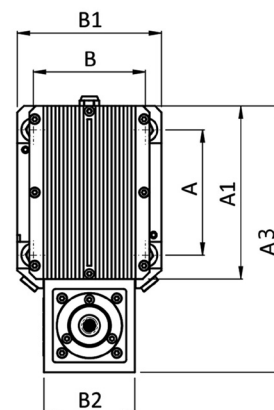
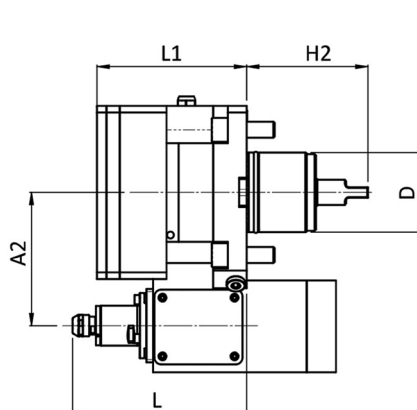
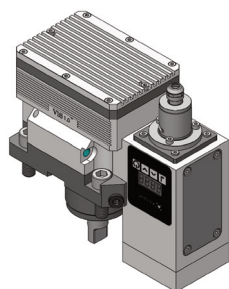
Codice - code - code - Bestell	D	ER	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	M ₂ Nm	n ₂ min-
RIPPH 321121UNL/45	60	32	95			35		91	94	84	130	108			40	6000

35/NL

Assiale elettromandrino
Axial electrospindle
Axial électromandrin
Axial Elekterspindel

Nakanishi
Nakanishi
Nakanishi
Nakanishi

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	A3	P W	n ₂ min-
RAPNKD60 12EDNL	60	130	112				91	94	84	130	108	100	68	200	350	60000

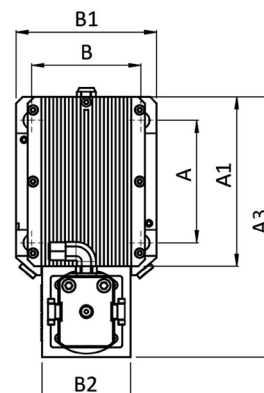
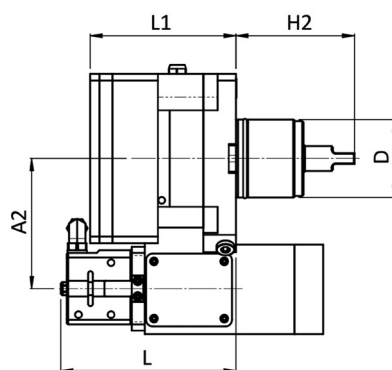
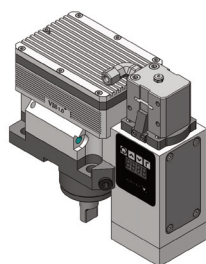
24

36/NL

Assiale elettromandrino
Axial electrospindle
Axial électromandrin
Axial Elekterspindel

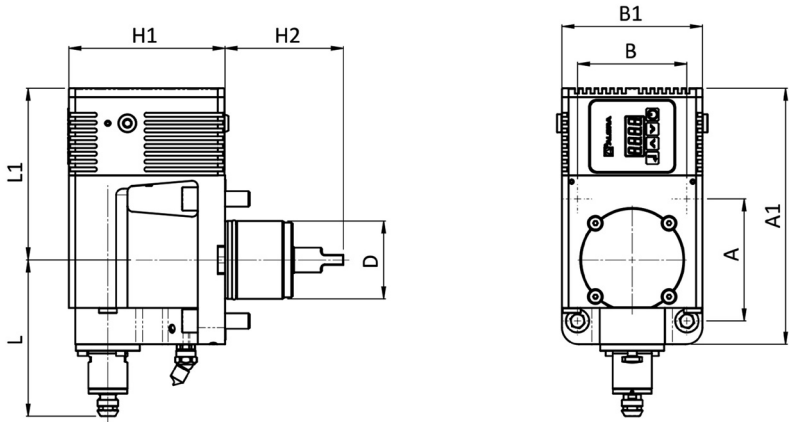
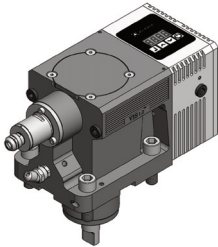
Nakanishi
Nakanishi
Nakanishi
Nakanishi

Refrigerazione interna
Internal coolant supply
Alimentation d'arrosage intérieur
Kühlschmierstoffzuführung intern

 $i = n_1:n_2 = 1:1$


Codice - code - code - Bestell	D	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	A3	P W	n ₂ min-
RAPNKD30 13EDNL	60	134,5	112				91	94	84	130	108	100	68	200	350	30000

37/NL	Radiale elettromandrino Radial electrosindle Radial électromandrin Radial Elekterspindel	Nakanishi Nakanishi Nakanishi Nakanishi	Refrigerazione esterna External coolant supply Alimentation d'arrosage extérieur Kühlschmierstoffzuführung extern	i = n1:n2 = 1:1
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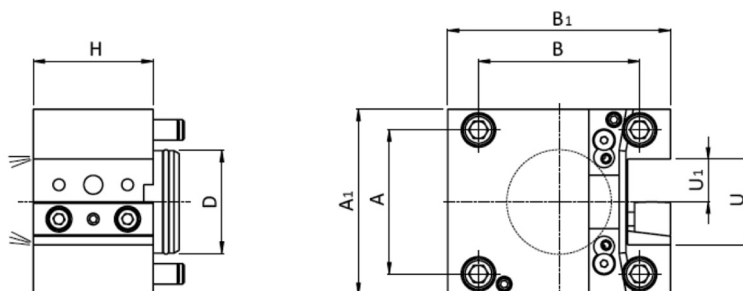
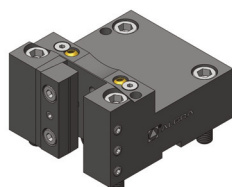


Codice - code - code - Bestell	D	L	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2	A3	P W	n ₂ min-
RRPNK 60 12EU NL	60	120	132			120	91	94	84	197	108				350	60000

101/NL


Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

Portautensile per esterni
O.D. cutting holder
Porte-outil pour l'extérieur
Werkzeughalter für den Aussenbereich

SQ Refrigerazione esterna
SQ External coolant supply
SQ Alimentation d'arrosage extérieur
SQ Kühlschmierstoffzuführung extern


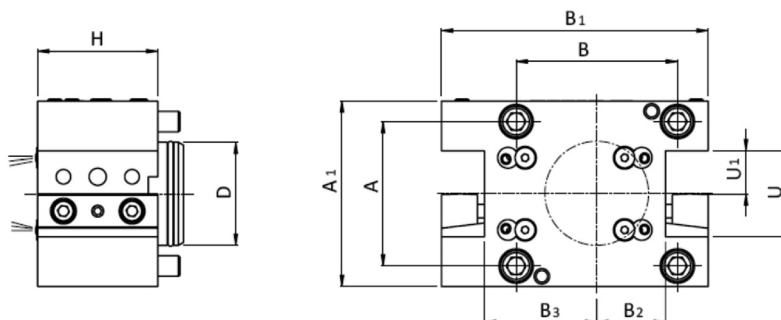
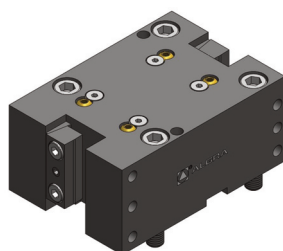
Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	A	B	A1	B1	A2	B2	B3
E10/US20NLX70	T00187	60	40	20			70		84	94	108	130			
E10/US25NLX70	T00186	60	50	25			70		84	94	108	130			
E10/US25NLX90	T00385	60	50	25			90		84	94	108	130			
E10/US0.75"NLX70	T00203	60	1,5"	0,75"			70		84	94	108	130			
E10/US1"NLX70	T00202	60	2"	1"			70		84	94	108	130			
E10/US1"NLX90		60	2"	1"			90		84	94	108	130			

26

102/NL

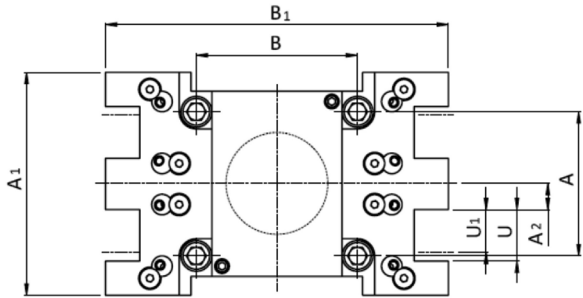
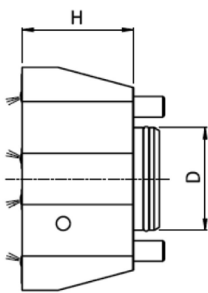
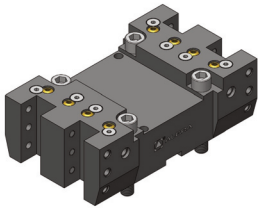

Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

Portautensile per esterni doppio
O.D. cutting holder both sides
Porte-outil pour l'extérieur double
Doppelter Werkzeughalter für den Aussenbereich

SQ Refrigerazione esterna
SQ External coolant supply
SQ Alimentation d'arrosage extérieur
SQ Kühlschmierstoffzuführung extern


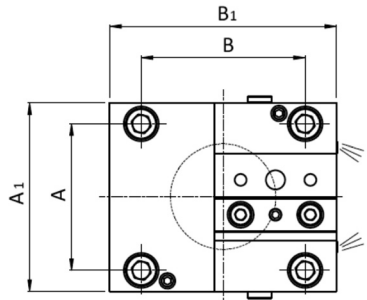
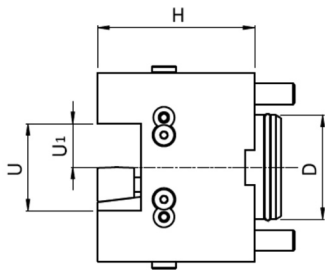
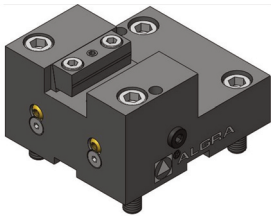
Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	A	B	A1	B1	A2	B2	B3
E10/UD20NLX70	T00185	60	40	20			70		84	94	108	156		40	65,5
E10/UD25NLX70	T00184	60	50	25			70		84	94	108	156		40	65,5
E10/UD0.75"NLX70	T00201	60	1,5"	0,75"			70		84	94	108	156		40	65,5
E10/UD1"NLX70	T00199	60	2"	1"			70		84	94	108	156		40	65,5

103/NL 	Portautensile statico	Portautensile per esterni doppio Y	SQ	Refrigerazione esterna
	Static tool holder	O.D. cutting holder both sides Y	SQ	External coolant supply
	Porte-outil statique	Porte-outil pour l'extérieur double Y	SQ	Alimentation d'arrosage extérieur
	Statischer Werkzeughalter	Doppelter Werkzeughalter für den Aussenbereich Y	SQ	Kühlschmierstoffzuführung extern



Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/UQ20NLX65	T00253	60	25	20			65			84	94	130	200	15	
E10/UQ25NLX65		60	30	25			65			84	94	130	200	15	

104/NL 	Portautensile statico	Portautensile assiale per esterni	SQ	Refrigerazione esterna
	Static tool holder	Face and I.D. cutting holder	SQ	External coolant supply
	Porte-outil statique	Porte-outil axial pour l'extérieur	SQ	Alimentation d'arrosage extérieur
	Statischer Werkzeughalter	Axiale Werkzeugaufnahme für den Außenbereich	SQ	Kühlschmierstoffzuführung extern



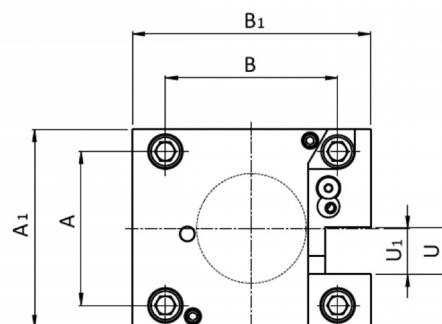
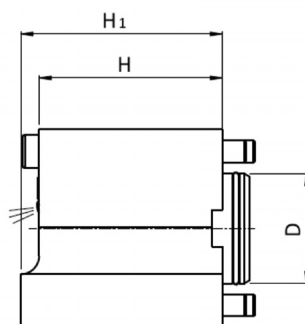
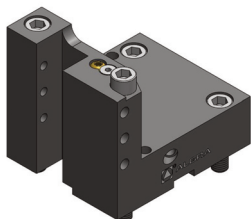
Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/UA20NLX70	T03006	60	40	20			70			84	94	108	130		
E10/UA25NLX90	T03005	60	50	25			90			84	94	108	130		
E10/UA0.75"NLX70	T03014	60	1,5"	0,75"			70			84	94	108	130		
E10/UA1"NLX70	T03013	60	2"	1"			70			84	94	108	130		
E10/UA1"NLX90		60	2"	1"			90			84	94	108	130		

105/NL


Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

Supporto da taglio
Cut-off holder
Porte-couteaux
Abschneidevorrichtung

SQ
SQ
SQ
SQ

Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern


Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/UT25NLX110	T00197	60	26	25			100	110		84	94	130	200	15	
E10/UT1"NLX110	T00198	60	26	1"			100	110		84	94	130	200	15	

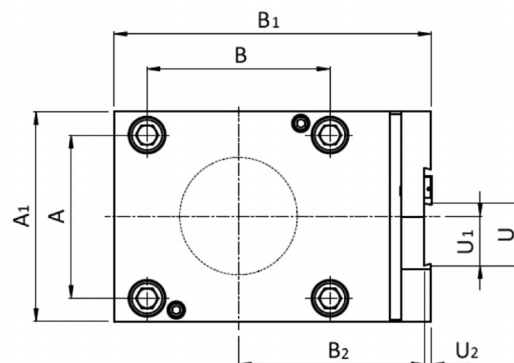
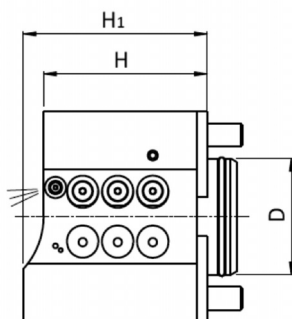
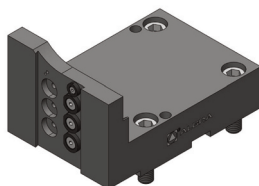
28

106/NL


Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

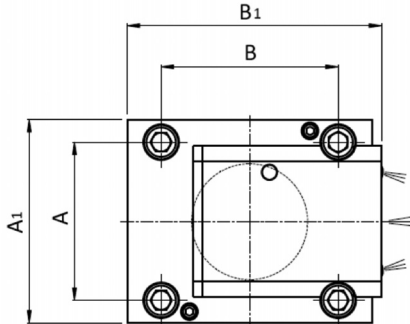
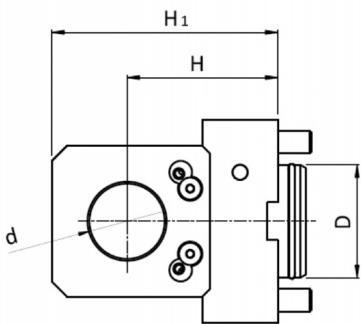
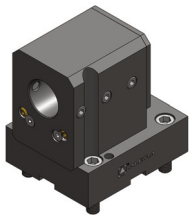
Supporto per lama
Blade Holder
Porte-lame
Klingenhälter

SQ
SQ
SQ
SQ

Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern


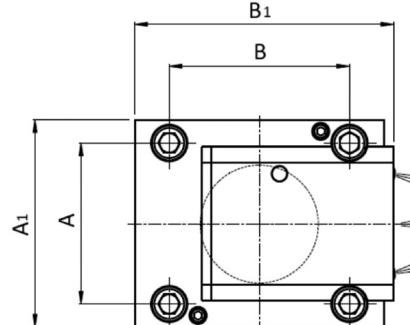
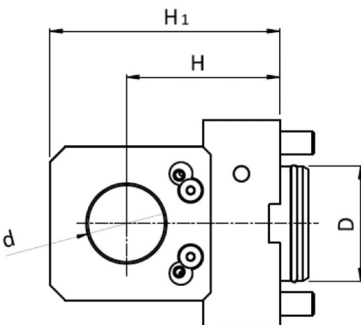
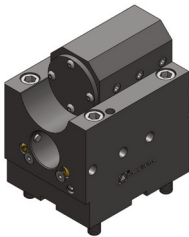
Codice - code - code - Bestell	DMG MORI Part. No.	D	U	U1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/TT 32 NL	T03006	60	32	25			84	95		84	94	108	163		
E10/TTI32NLX95	T03005	60	32	25			84	95		84	94	108	163		

107/NL	Portautensile statico Static tool holder Porte-outil statique Statischer Werkzeughalter	Portabareno Boring bar holder 90° Support de barre d'alésage 90° Bohrstangenhalter 90°	Ø Ø Ø Ø	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern
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Codice - code - code - Bestell	DMG MORI Part. No.	D	d	d1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/BS1.5"NLX80	T10101 - T13130	60	Ø 1,5"				80	120		84	94	108	135		
E10/BS1.5"NLX100	T10195	60	Ø 1,5"				100	140		84	94	108	130		
E10/BS1.5"NLX120	T10134 - T13137	60	Ø 1,5"				120	160		84	94	108	135		
E10/BS1.5"NLX125		60	Ø 1,5"				125	165		84	94	108	135		
E10/BS2"NLX80	T10102 - T13140	60	Ø 2"				80	120		84	94	108	135		
E10/BS2"NLX120	T10135	60	Ø 2"				120	160		84	94	108	135		
E10/BS2.5"NLX80		60	Ø 2,5"				80	127		84	94	108	140		
E10/BS40NLX100	T10181	60	Ø 40				100	140		84	94	108	130		
E10/BS40NLX80	T10097 - T13128	60	Ø 40				80	120		84	94	108	135		
E10/BS40NLX120	T10113 - T13131	60	Ø 40				120	160		84	94	108	130		
E10/BS50NLX80	T10098 - T13139	60	Ø 50				80	120		84	94	108	135		
E10/BS50NLX120	T10114	60	Ø 50				120	160		84	94	108	130		

108/NL	Portautensile statico Static tool holder Porte-outil statique Statischer Werkzeughalter	Portabareno Boring bar holder 90° Support de barre d'alésage 90° Bohrstangenhalter 90°	Ø Ø Ø Ø	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern
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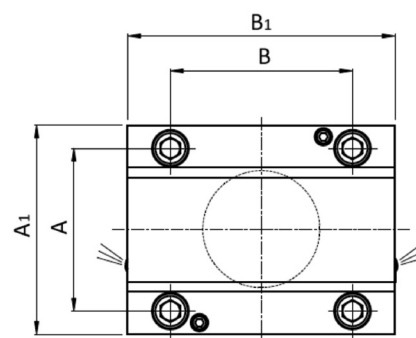
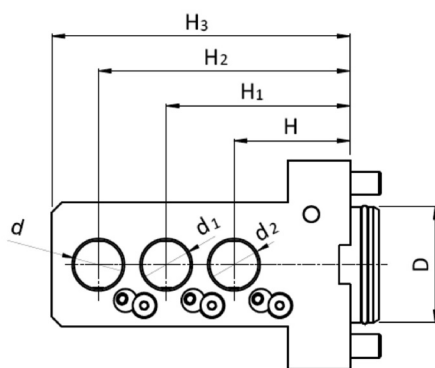
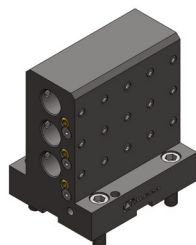


Codice - code - code - Bestell	DMG MORI Part. No.	D	d	d1	L1	L2	H	H1	H2	A	B	A1	B1	A2	B2
E10/BD1.25"NLX80/125	T10100	60	Ø 1,25"	Ø 1,25"			80	125	156	84	94	108	140		
E10/BD1.5"NLX65/120		60	Ø 1,5"	Ø 1,5"			65	120	154	84	94	108	140		
E10/BD32NLX80/125	T10096	60	Ø 32	Ø 32			80	125	154	84	94	108	140		
E10/BD40NLX65/120		60	Ø 40	Ø 40			65	120	154	84	94	108	140		

109/NL


Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

Portabareno 90° triplo, doppio lato
Boring bar holder 90° triple, both side
Porte-barre d'alésage 90° triple, deux côtés
Dreifacher 90°-Bohrstangenhalter, zweiseitig

Ø
Ø
Ø
Ø
Refrigerazione esterna
External coolant supply
Alimentation d'arrosage extérieur
Kühlschmierstoffzuführung extern


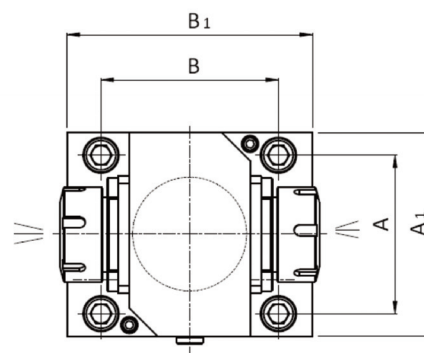
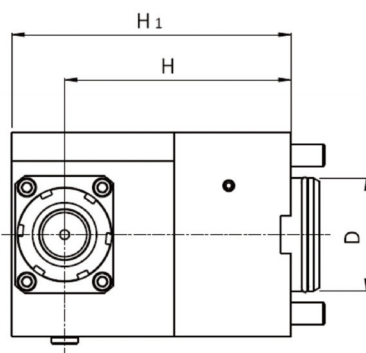
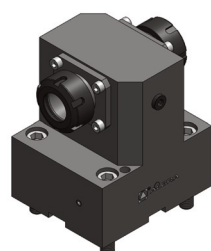
Codice - code - code - Bestell	DMG MORI Part. No.	D	d	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2
E10/B31"NLX60/95/130		60	Ø 25	Ø 25	Ø 25	60	95	130	154	84	94	108	138		
E10/B325NLX60/95/130		60	Ø 1"	Ø 1"	Ø 1"	60	95	130	154	84	94	108	138		

30

110/NL

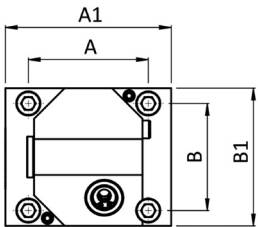
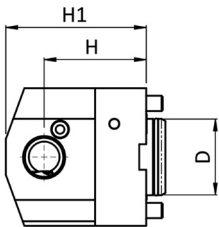
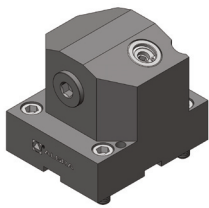
Portautensile statico
Static tool holder
Porte-outil statique
Statischer Werkzeughalter

Pinza di serraggio 90° - ER, entrambi i lati
Collet Face 90° - ER, both side
Deux Sorties ER Double
Zwei Ausgänge ER Doppel

ER
ER
ER
ER
Refrigerazione interna-esterna
External and internal coolant supply
Alimentation d'arrosage extérieur et intérieur
Kühlschmierstoffzuführung extern und intern


Codice - code - code - Bestell	DMG MORI Part. No.	D	ER	L1	L2	H	H1	H2	H3	A	B	A1	B1	A2	B2
E10/ER32DNLX120		60	32			120	148			84	94	108	130		

111/NL	Portautensile statico Static tool holder Porte-outil statique Statischer Werkzeughalter	Adattaore VDI VDI Adapter Adaptateur VDI VDI Adapter	VDI VDI VDI VDI	Refrigerazione interna-esterna External and internal coolant supply Alimentation d'arrosage extérieur et intérieur Kühlschmierstoffzuführung extern und intern
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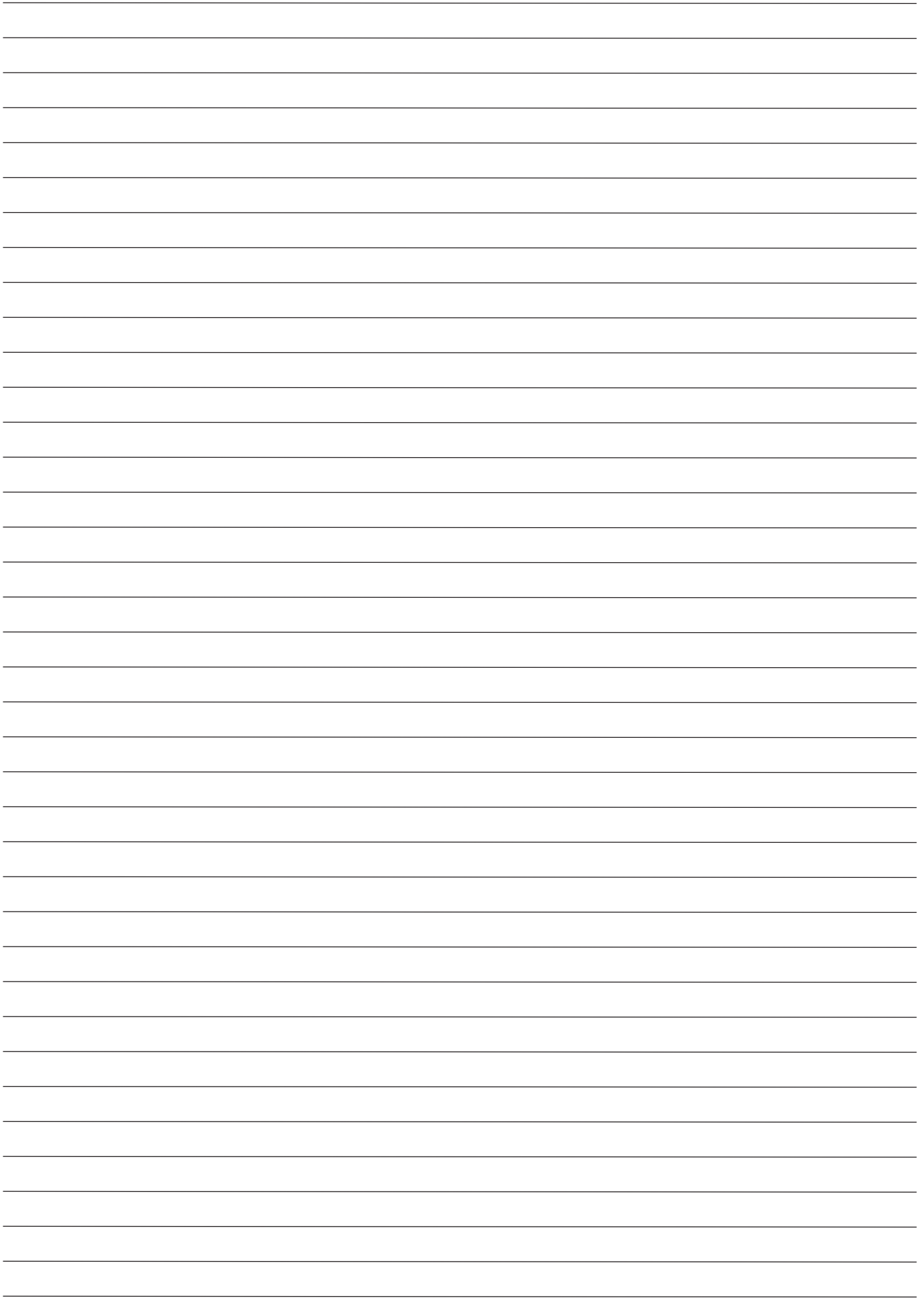
Codice - code - code - Bestell	DMG MORI Part. No.	D	VDI	d1	d2	H	H1	H2	H3	A	B	A1	B1	A2	B2
E10/VDI30DNLX80		60	30			80	110			94	84	130	108		
E10/VDI40DNLX80		60	40			80	110			94	84	130	108		

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



ALGRA

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



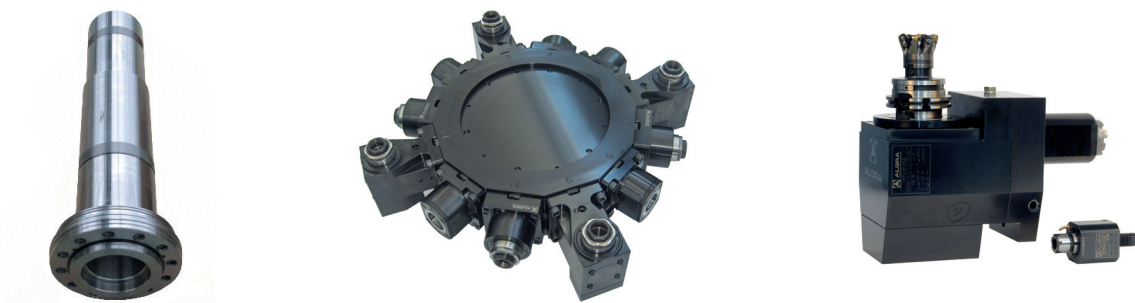
**La produzione:
il lavoro**
Production:
work

La produzione viene sviluppata nella moderna struttura a temperatura controllata di Almenno San Salvatore, mentre negli stabilimenti di Brembilla (I-Bergamo) vengono effettuate le lavorazioni di montaggio ed assemblaggio di gruppi completi. La superficie coperta delle strutture è di mq. 15.000, dei quali mq. 1.000 sono adibiti agli uffici amministrativi, commerciali e tecnici. L'attività produttiva si svolge con l'utilizzo di impianti e macchinari CNC costantemente aggiornati alle nuove tecnologie ed in grado di sviluppare le seguenti lavorazioni:

- Asportazione di truciolo
- Elettroerosione
- Tornitura orizzontale e verticale
- Fresatura universale 5 assi
- Fresatura/tornitura
- Lappatura per fori e piani
- Rettifica in tondo interno ed esterno
- Rettifica in tangenziale oltre al montaggio di gruppi e sottogruppi completi.

The production is developed in the modern, temperature controlled facility in Almenno San Salvatore, with Brembilla factories there are the assembly operations and the assembly of complete groups. The facilities covered area is of 15,000 sqm., 1,000 sqm. of which are used for the administrative commercial and technical offices. The production cycle takes place with the use of CNC fixtures and equipment constantly updated with new technologies and able to develop the following machining:

- Chip machining
- Electroerosion
- Horizontal and vertical turning
- 5-axis universal milling
- Milling/turning
- Lapping for holes and plane surfaces
- Cylindrical internal and external grinding
- Tangential grinding in addition to the assembly of complete groups and subassemblies.



**Certificazioni:
uno standard
qualitativo**
Certification:
a quality
standard

La tecnologia avanzata svolge un ruolo chiave nell'obiettivo di incrementare il proprio valore, quello dei propri prodotti, dei servizi e della capacità del personale, operando nel rispetto delle norme UNI EN ISO 9001:2008 e ISO 14001:2004. L'alto livello di sensibilità verso il rispetto delle regole di sicurezza e dell'ambiente è presente ed immediatamente percepito in tutte le strutture aziendali.

Advanced technology plays a key role aiming to increase its value and the products, services and staff capacity value, operating in compliance with UNI EN ISO 9001:2008 and ISO 14001:2004. The high level of sensitivity towards the observance of safety rules and the environment is present and perceived immediately in all facilities.



UNI EN ISO 9001:2008 - Cert. n° 0141



UNI EN ISO 14001:2004 - Cert. n° 0270A

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ALGRA S.p.A. Divisione accessori
Via Manzoni, 41 24031 Almenno S. Salvatore (BG)
Tel. +39 035.64.20.51
algra.accessori@algra.it - www.algra.it