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ATTACCO	MACCHINA	MODELLO	PAGINA
Coupling Accouplement Kupplung	Machine Machine Maschine	Model Modèle Modell	Page Page Seite
MS	MORI-SEIKI	ZL - DL200 - 250 (MC) SL 200 - 203 - 204 - 250 - 253 - 254 (MC SMC) - 2500Y	9-18
	CMZ	TL 20 M - MS - TM TL 25 AM - AMS - BM - BMS	
	GOODWAY	GS 200 - 260 - 280 GA 2000 - 2600 - 2800 - 3000 - 3300 - 3600	
CM	CMZ	TL 15 M - MS - TM TB 46 - 67 M CM	on request
MO	MORI-SEIKI	SL - ZL 150 - 153 - 154 (MC SMC Y SY) DL DL 150 (MC Y) MO	on request
G1	GOODWAY	GTS 100 M - MX - MMX GTS 150 M - MX - MMX	19-20
G3	GOODWAY	GTS 200 MMY	21-24
G4	GOODWAY	GS 2000 - 2600 - 2800 - 3000 - 3300 - 3600	25-28
N1	NAKAMURA	TW 10 WT 150 - WTW 150 - WTS 150 - WT 200 - WT 250 TMC 20II - SUPER NTJ - SUPER NTJX - NTM 3 - SC 250	29-32
BMT	BMT	BMT 45 BMT 55 BMT 65 BMT 75 BMT 85	33-40
A	ACCESSORI		41-46

USCITA MANDRINO

Chuck coupling - Sortie porte outils - Werkzeugaustritt



PORTA PINZA ESTERNA
Exterior collet chuck
Exterieur pince de serrage
Ausserspannzangeaufnahme

DIN6499



PORTA PINZA INTERNA
Internal collet chuck
Intérieur pince de serrage
Innerspannzangeaufnahme

DIN6499



PORTA FRESA
Shell end milling cutters
Fraises enfichables
Fräseraufnahme

DIN6358



PORTA WELDON
Weldon coupling
Weldon accouplement
Weldonaufnahme

DIN1835



SISTEMA HSK
Hsk coupling
Hsk accouplement
Hsk Werkzeugaustritt

DIN69893

CODICE DI LETTURA

Reading code - Code de lecture - Lektürecode

R	A	PP	S	16
R	A	PP	S	16
Portautensile rotante Driven tool Porta-outil tournant Angetriebene werkzeuge	Assiale Axial Axial Axial	Portapinza Collet chuck Pinça de serraça Spannzangenaufnahme	Standard Standard Standard Standard	ER 16
	R	PF	T	20
	Radiale Radial Radial Axial	Portafresa Milling chuck Fraises enfichables Fräseaufnahme	Doppio Double Double 2 Fach	ER 20
	O	PW		25
	Orientabile Adjustable Réglable Winkelinstallbar	Waldons Waldons Waldons Waldons		ER 25
				32
				ER 32
				40
				ER 40
				50
				ER 50



CODICE DI LETTURA

Reading code - Code de lecture - Lektürecode

1	2	1	U	MS
1	1	1	D	MS
Standard	Refrigerante interno	Rapporto di trasm. i=+/- 1 (1:1)	Destro	Attacco MS
Standard	Internal coolant supply	Transmission ratio i=+/- 1 (1:1)	Right	Coupling MS
Standard	Alimentation d'arrosage intérieur	Rapport de trans. i=+/- 1 (1:1)	Droite	Accouplement MS
Standard	Kühlschmierstoffzuführung intern	Übersetzungsverhältnis i=+/- 1 (1:1)	Rechts	Kupplung MS
	2	2	S	CM
	Refrigerante esterno	Rapporto di trasm. moltiplicato	Sinistro	Attacco CM
	External coolant supply	High transmission ratio	Left	Coupling CM
	Alimentation d'arrosage extérieur	Rapport de transmission multiplié	Gauche	Accouplement CM
	Kühlschmierstoffzuführung extern	Übersetzungsverhältnis	Links	Kupplung CM
	3	3	U	MO
	Refrigerante interno/esterno	Rapporto di trasm. ridotto	Universale	Attacco MO
	External and internal coolant supply	Low transmission ratio	Universal	Coupling MO
	Alim. d'arrosage extérieur et intérieur	Rapport de transmission réduit	Universal	Accouplement MO
	Kühlschmierstoffzuführung ext. u. int.	Übersetzungsverhältnis	Universal	Kupplung MO
				G1
				Attacco G1
				Coupling G1
				Accouplement G1
				Kupplung G1
				G3
				Attacco G3
				Coupling G3
				Accouplement G3
				Kupplung G3
				G4
				Attacco G4
				Coupling G4
				Accouplement G4
				Kupplung G4
				N1
				Attacco N1
				Coupling N1
				Accouplement N1
				Kupplung N1
				BMT
				Attacco BMT
				Coupling BMT
				Accouplement BMT
				Kupplung BMT



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Meccanica di precisione

MS



ATTACCO **COUPLING - ACCOUPLEMENT - KUPPLUNG**

MS

MORI-SEIKI	ZL - DL200 - 250 (MC)
	SL 200 - 203 - 204 - 250 - 253 - 254 (MC SMC) - 2500Y
CMZ	TL 20 M - MS - TM
	TL 25 AM - AMS - BM - BMS
GOODWAY	GS 200 - 260 - 280
	GA 2000 - 2600 - 2800 - 3000 - 3300 - 3600

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1/MS

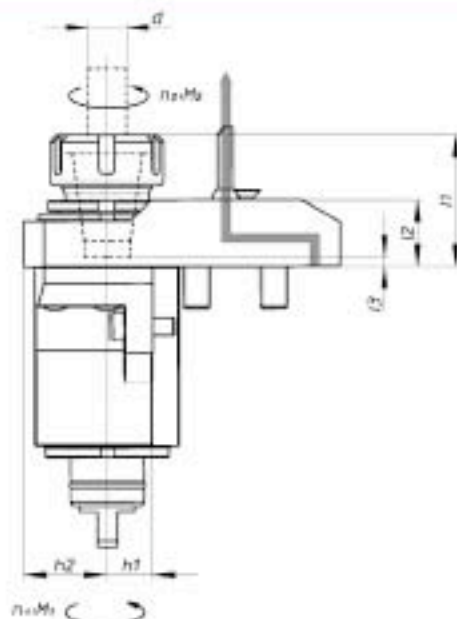
Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$

MS



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M1 Nm	n1 min-1	p bar		
RAPPS 32 121UMS	30	55,5-60	30	-3	20	37			70	6000	10		

2/MS

Assiale
Axial
Axial
Axial

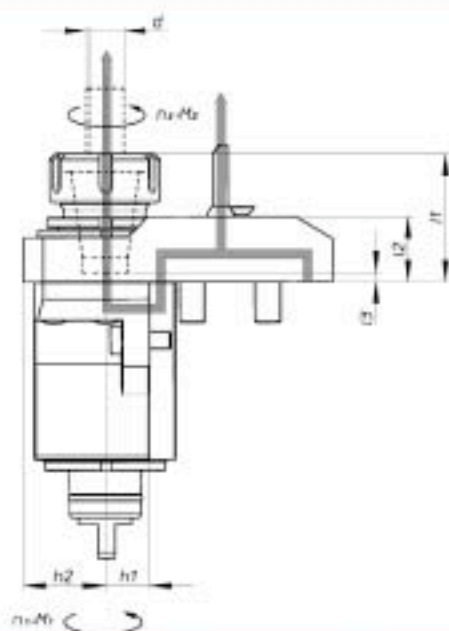
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



70 BAR



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M1 Nm	n1 min-1	p bar		
RAPPS 32 131UMS	32	55,5-60	30	-3	20	37			70	6000	10		



ALGRA
Meccanica di precisione

3/MS

Assiale

Axial

Axial

Axial

Portapinza

Collet chuck

Pince de serrage

Spannzangeaufnahme

Refrigerazione esterna

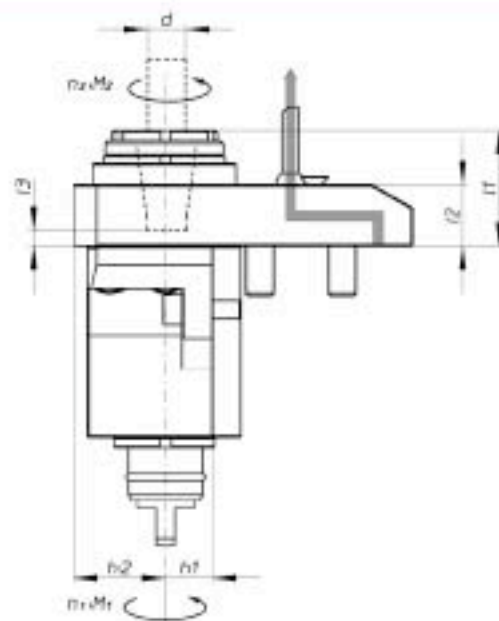
External coolant supply

Alimentation d'arrosage extérieur

Kühlschmierstoffzuführung extern

$i = n1:n2 = +0,25 (1:4)$

MS



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M _s Nm	n _s min-1	p kw			
RAPPS 16 122UMS	16	50	30	5	20	37			8	24000	4			

5/MS

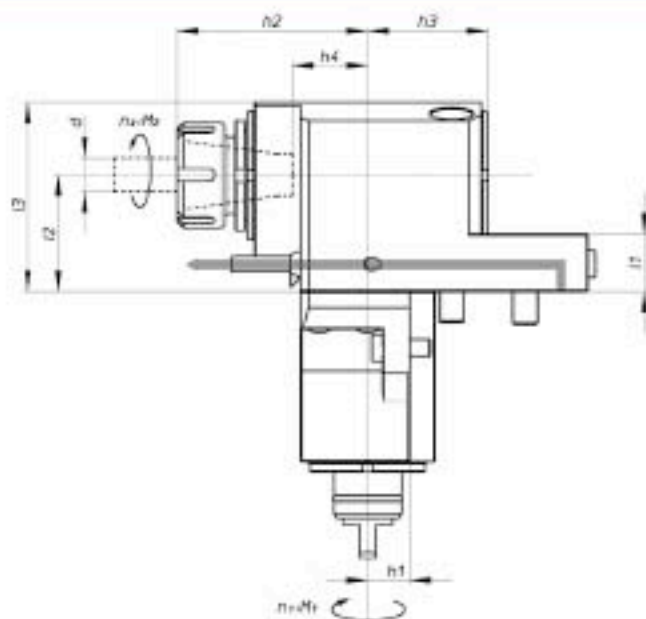
Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pinça de serrage
Spannzangeaufnahme

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

$i = n1:n2 - 1 \quad (1:1)$

MS



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M ₂ Nm	n ₂ min-1	p kW	
RRPS 32 121DMS	32	27	55	90	20	89-93,5	57	31	70	6000	10	

6/MS

Radiale
Radial
Radial
Radial

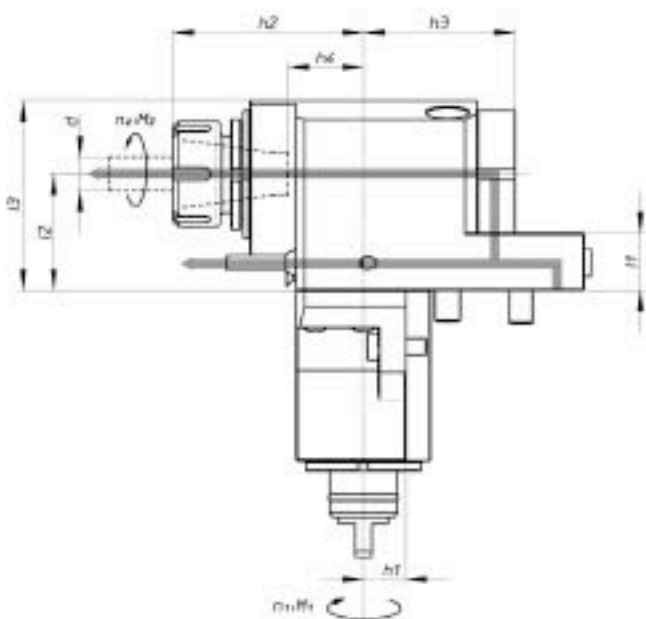
Portaplnza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$$i = n1:n2 = -1 \ (1:1)$$



70 BAR



Codice - code - code - Bestell Nr.	ER	I1	I2	I3	h1	h2	h3	h4	M- Nm	p- min-1	p- low		
RRPS 32 131DMS	32	27	55	90	20	69-93,5	72	31	70	6000	10		



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Meccanica di precisione

7/MS

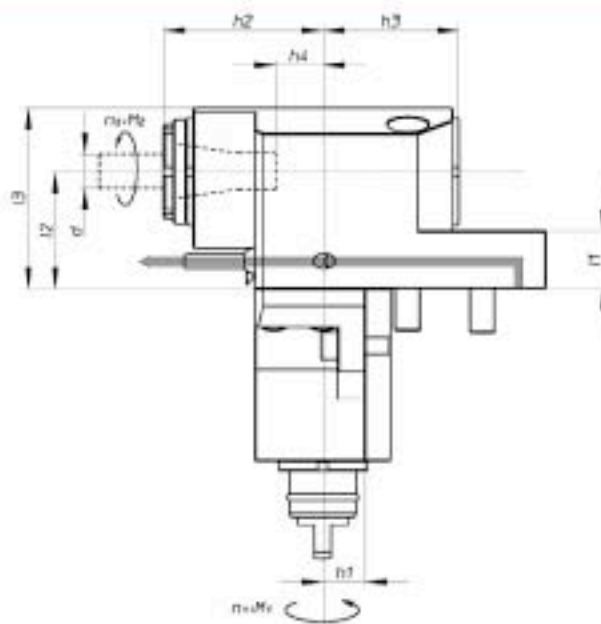
Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$

MS



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M _s Nm	n ₁ min-1	p kw			
RRPPS 16 122DMS	16	27	55	85	20	76	64	31	8	24000	4			



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Meccanica di precisione

8/MS

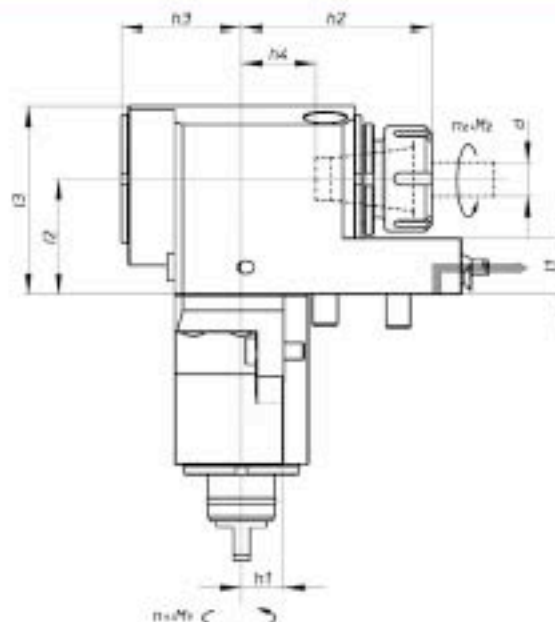
MS

Radiale rovesciato
Radial upside-down
Radial renversé
Radial Oberkopf

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M _t Nm	n ₁ min-1	p bar		
RRPPS 32 121RMS	32	27	55	90	20	89-93,5	57	31	70	6000	10		

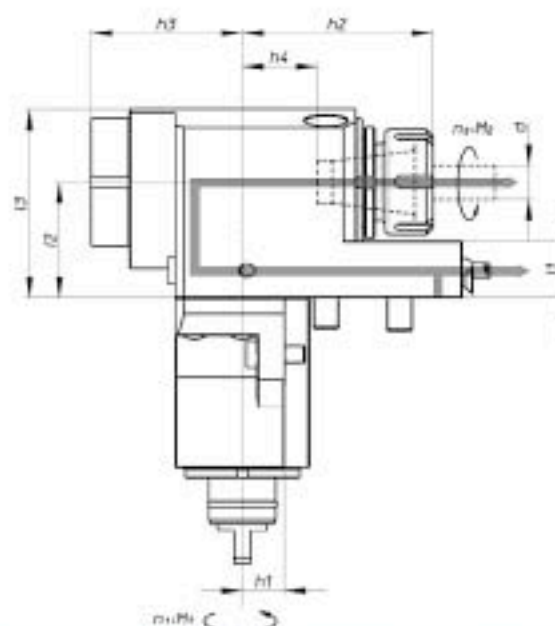
9/MS

Radiale rovesciato
Radial upside-down
Radial renversé
Radial Oberkopf

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

$i = n1:n2 = -1 (1:1)$



70 BAR



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M _t Nm	n ₁ min-1	p bar		
RRPPS 32 131RMS	32	27	55	90	20	89-93,5	67	31	70	6000	10		



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Meccanica di precisione

10/MS

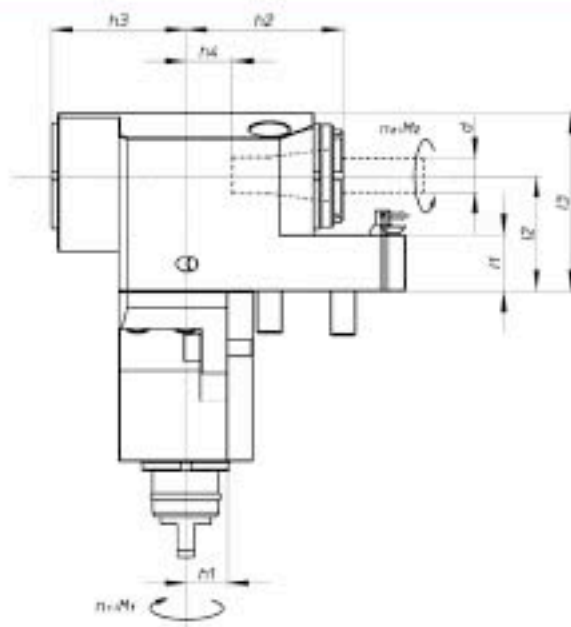
Radiale rovesciato
Radial upside-down
Radial renverse
Radial überkopf

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$

MS



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	M _s Nm	n _s min-1	p kw			
RRPPS 16 122RMS	16	27	55	85	20	76	64	31	8	24000	4			



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Meccanica di precisione

11/MS

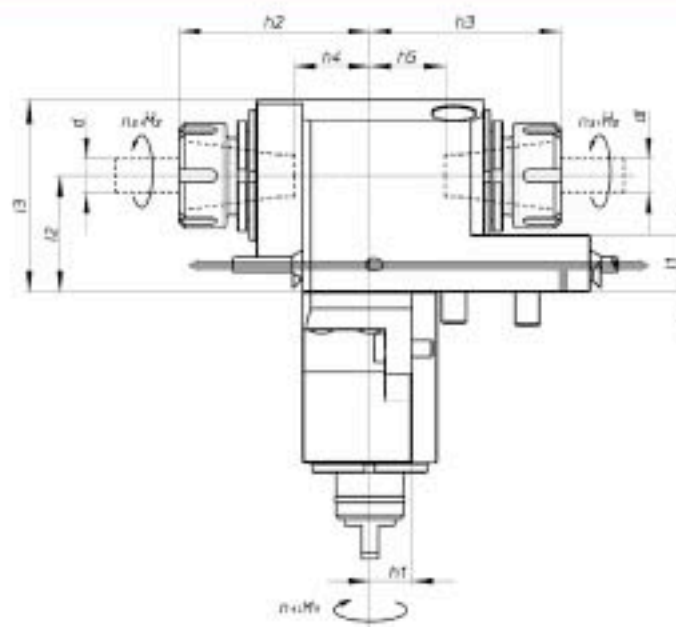
MS

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	h5	M- Nm	n- min-1	p- kw
RRPPT 32 121UMS	32	27	55	90	20	89-93,5	89-93,5	37	46	70	6000	10

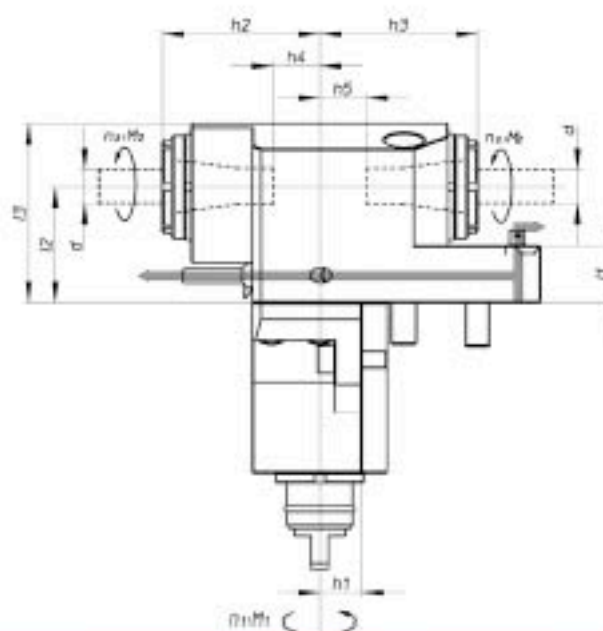
12/MS

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$



Codice - code - code - Bestell Nr.	ER	l1	l2	l3	h1	h2	h3	h4	h5	M- Nm	n- min-1	p- kw
RRPPT 16 122UMS	16	27	55	85	20	76	76	31	31	8	24000	4



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Meccanica di precisione

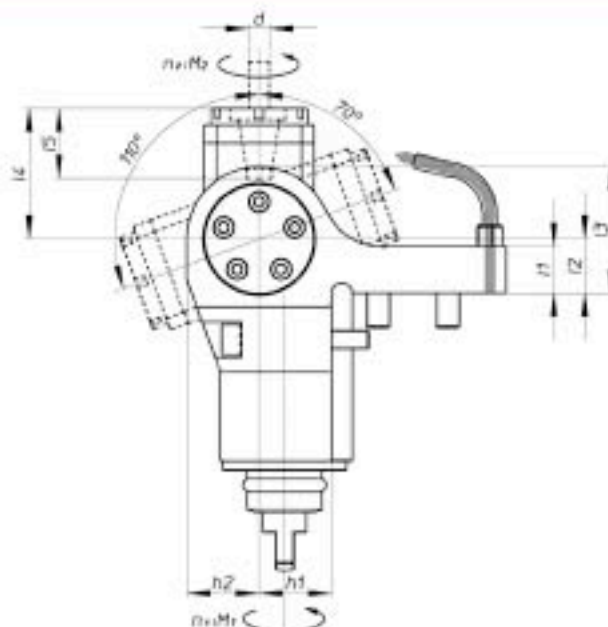
13/MS

Orientabile
Angle adjustable
Angle réglable
Winkelinstellbar

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.

ROPPS 20 121UMS

ER	I1	I2	I3	I4	I5	h1	h2	M _s Nm	n _s min-1	p kw				
20	25	35	66	56	37,5	20	31	25	6000	6				

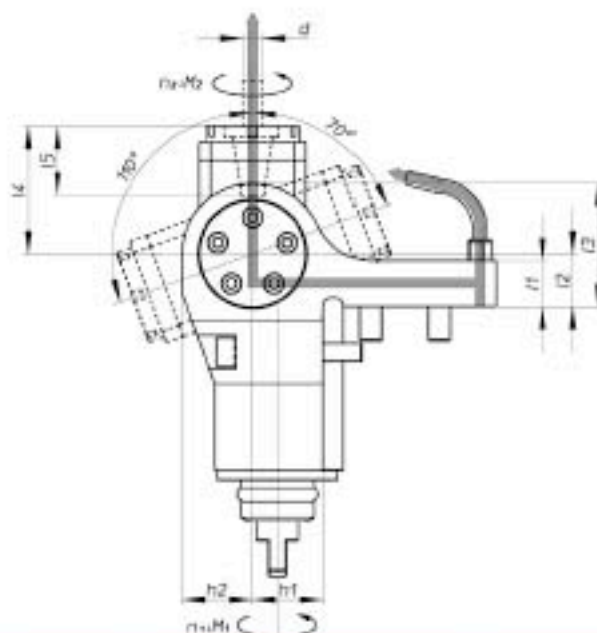
14/MS

Orientabile
Angle adjustable
Angle réglable
Winkelinstellbar

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.

ROPPS 20 131UMS

ER	I1	I2	I3	I4	I5	h1	h2	M _s Nm	n _s min-1	p kw				
20	25	35	66	56	37,5	20	31	25	6000	6				



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Meccanica di precisione

G1

ATTACCO
COUPLING - ACCOUPLEMENT - KUPPLUNG

G1

GOODWAY

GTS 100 M - MX - MMX
GTS 150 M - MX - MMX

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1/G1

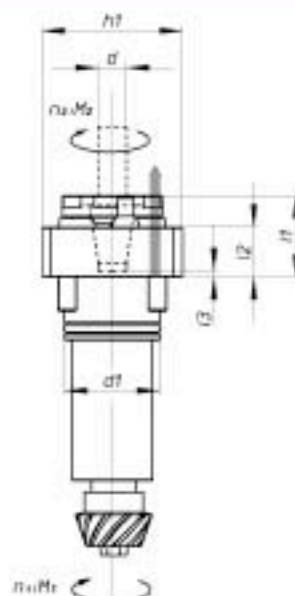
Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$

G1



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	b	h1	h2	h3	h4	M Nm	n min-1	p bar		
RAPPS 20 121UG1	42 h6	20	40	26,5	2,5	62				25	6000	6		

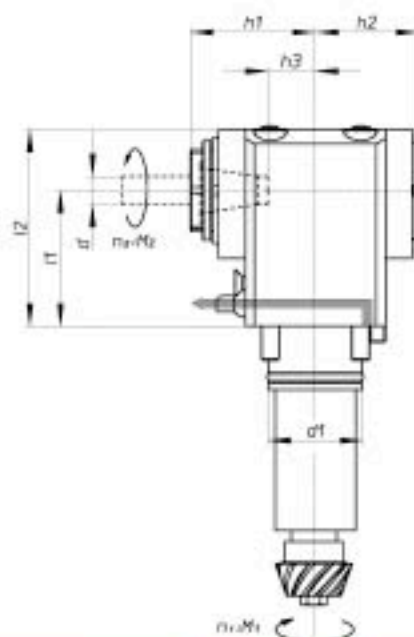
2/G1

Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	b	h1	h2	h3	h4	M Nm	n min-1	p bar		
RAPPS 20 121UG1	42 h6	20	60	87		58	46	21		25	6000	6		



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Meccanica di precisione



G3

ATTACCO
COUPLING - ACCOUPLEMENT - KUPPLUNG

G3

GOODWAY

GTS 200 MM

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1/G3

Assiale
Axdal
Axdal
Axdal

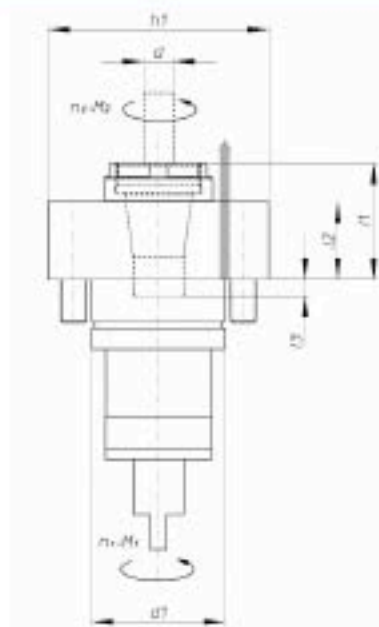
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



G3



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M Nm	n min-1	p kw		
RAPPS 32 121UG3	63	32	53	36	8	92				70	6000	10		

2/G3

Assiale
Axdal
Axdal
Axdal

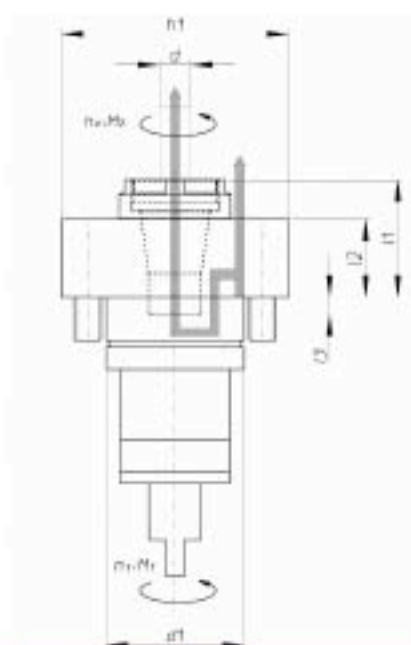
Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



70 BAR



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M Nm	n min-1	p kw		
RAPPS 32 131UG3	63	32	53	36	8	92				70	6000	10		



ALGRA
Meccanica di precisione

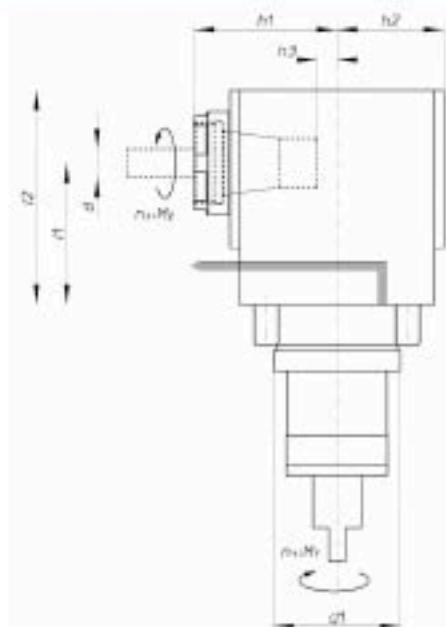
3/G3

Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	i1	i2	i3	h1	h2	h3	h4	M Nm	n min-1	p kw		
RRPPS 32 121UG3	63	32	70	106		71	53	10		70	6000	10		

G3

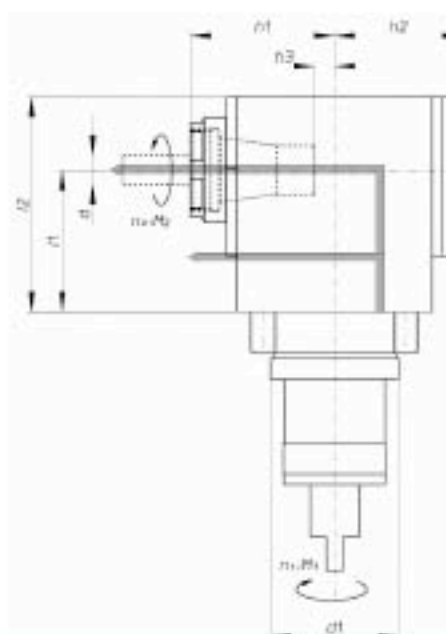
4/G3

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

$i = n1:n2 = -1 (1:1)$



70 BAR

Codice - code - code - Bestell Nr.	d1	ER	i1	i2	i3	h1	h2	h3	h4	M Nm	n min-1	p kw		
RRPPS 32 131UG3	63	32	70	106		71	63	10		70	6000	10		

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ALGRA
Meccanica di precisione



G4

ATTACCO
COUPLING - ACCOUPLEMENT - KUPPLUNG

G4

GOODWAY

GS 2000 - 2600 - 2800 - 3000 - 3300 - 3600

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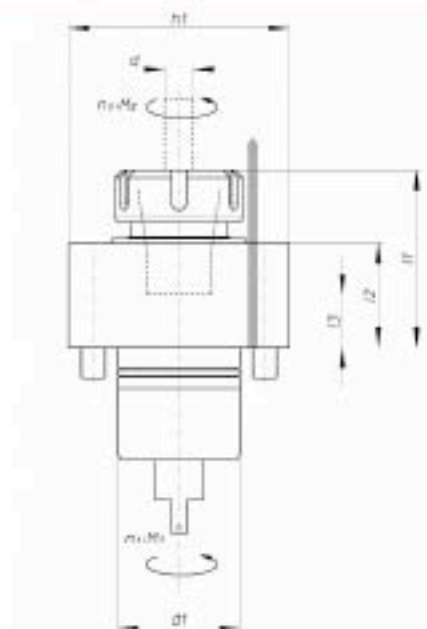
1/G4

Assiale
Axlal
Axlal
Axlal

Portapinza
Collet chuck
Pinces de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	Ms Nm	n min-1	p kw
RAPPS 40 121UG4	60	40	87,5-92	51	26	108				70	6000	10

2/G4

Assiale
Axlal
Axlal
Axlal

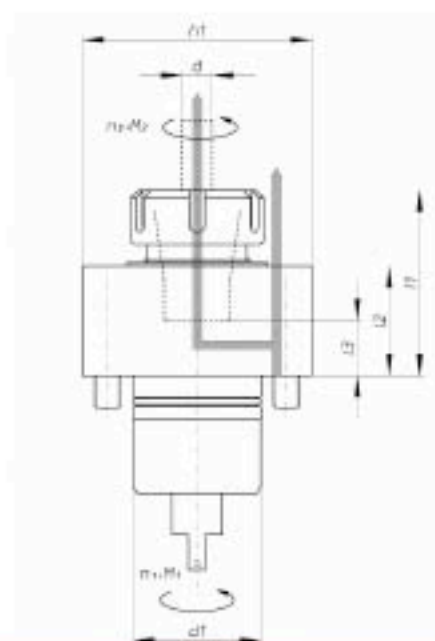
Portapinza
Collet chuck
Pinces de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$

G4

70 BAR



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	Ms Nm	n min-1	p kw
RAPPS 40 131UG4	60	40	87,5-92	51	26	108				70	3000	10



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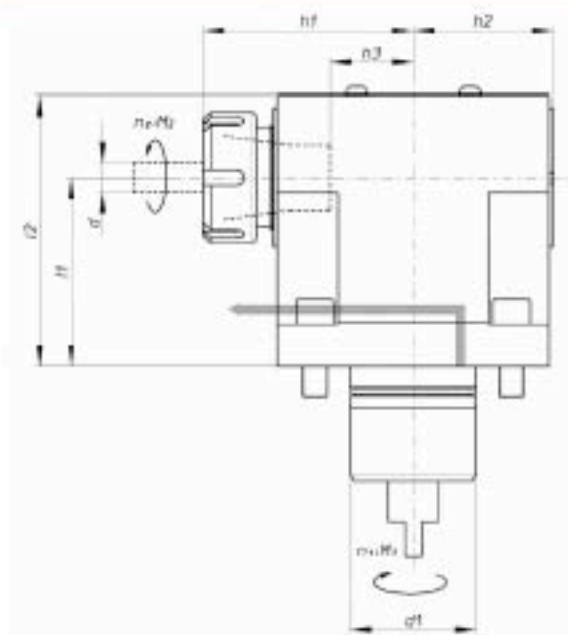
3/G4

Radiale
Radial
Radial
Radial

Portaplnza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M _s Nm	n ₁ min ⁻¹	p kw
RRPPS 40 121UG4	60	40	90	129		101-105	67	40		70	6000	10



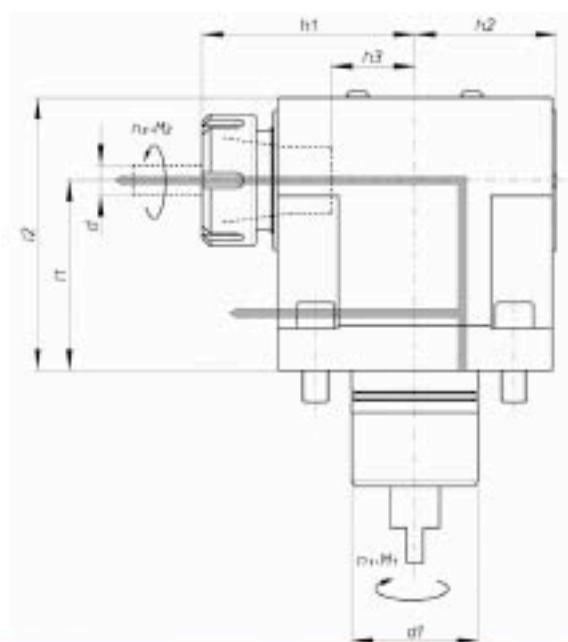
4/G4

Radiale
Radial
Radial
Radial

Portaplnza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M _s Nm	n ₁ min ⁻¹	p kw
RRPPS 40 131UG4	60	40	90	129		101-105	67	40		70	6000	10

70 BAR



G4

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Meccanica di precisione

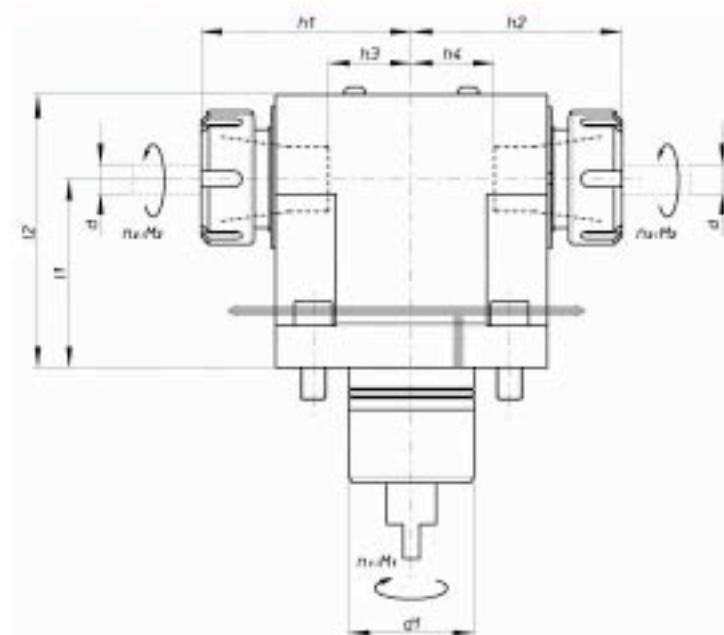
5/G4

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	t1	t2	t3	h1	h2	h3	h4	M _t Nm	n ₂ min-1	p bar
RRPPT 40 121UG4	60	40	90	129		101÷105	101÷105	48	48	70	6000	10

G4



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Meccanica di precisione



ATTACCO **COUPLING - ACCOUPLEMENT - KUPPLUNG**

N1

NAKAMURA

TW 10
WT 150 - WTW 150 - WTS 150 - WT 200 - WT 250
TMC 20II - SUPER NTJ - SUPER NTJX - NTM 3 - SC 250

N1

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Meccanica di precisione

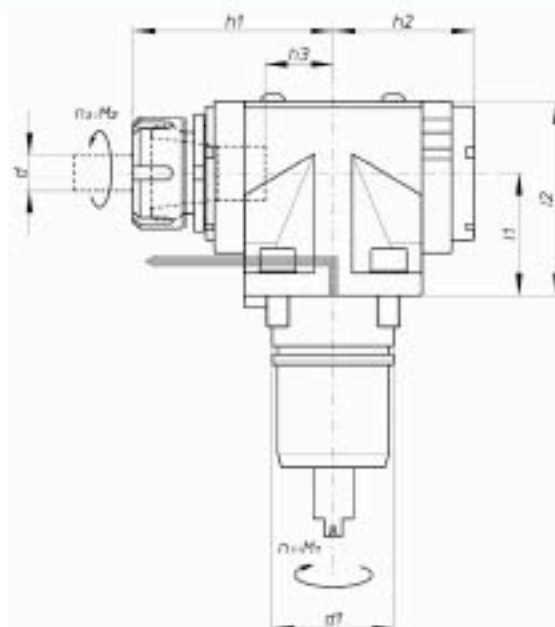
3/N1

Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 - 1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M ₂ Nm	n ₁ min-1	p kw
RRPPS 32 121UN1	55	32	55	87		89-93,5	58	31		70	6000	10

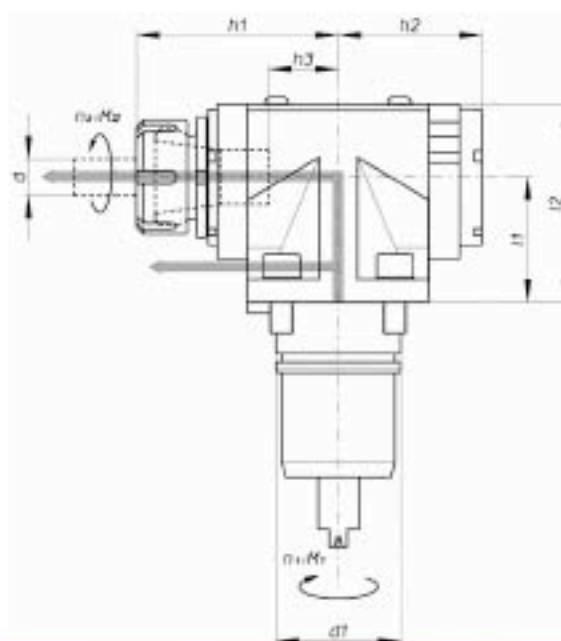
4/N1

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

$i = n1:n2 - 1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M ₂ Nm	n ₁ min-1	p kw
RRPPS 32 131UN1	55	32	55	87		89-93,5	64	31		70	6000	10

70 BAR

N1

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Meccanica di precisione

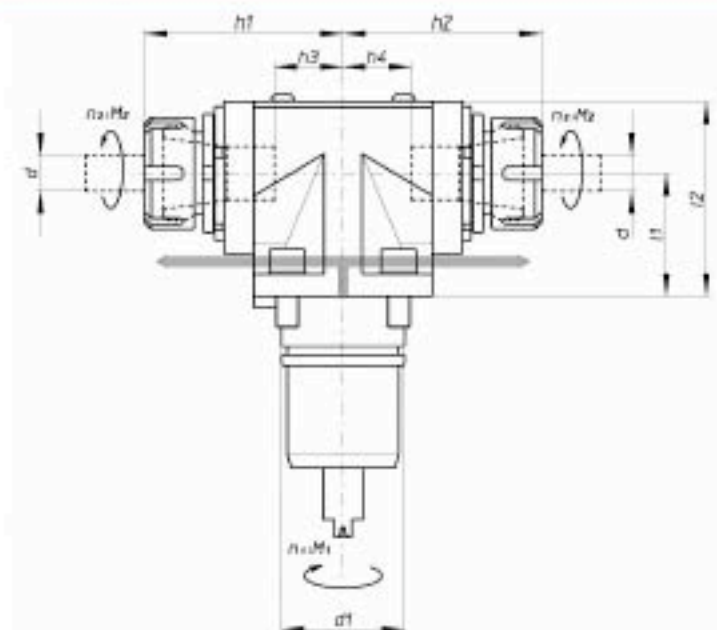
5/N1

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M _t Nm	n _s min-1	p bar
RRPPT 32 121UN1	55	32	55	87		89÷93,5	89÷93,5	37	46	70	6000	10

N1



ALGRA
Meccanica di precisione



ATTACCO
COUPLING - ACCOUPLEMENT - KUPPLUNG

BMT

BMT 45
BMT 55
BMT 65
BMT 75
BMT 85

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BMT



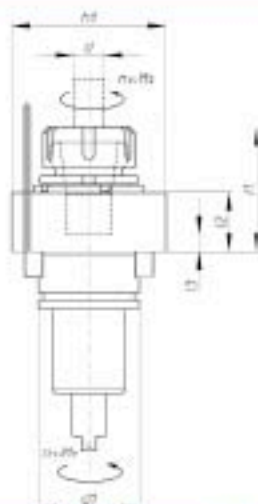
1/BMT

Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M, Nm	n, min-1	p, kw
RAPPS 25 121UT85 - BMT45	45	25	52÷56,5	25	2					35	8000	6
RAPPS 25 121UT55 - BMT55	55	25	52÷56,5	25	2					40	8000	6
RAPPS 32 121UT65 - BMT65	65	32	68÷72,5	32	9					70	6000	10
RAPPS 40 121UT75 - BMT75	75	40	84÷89,5	51	20					100	4000	12
RAPPS 50 121UT85 - BMT85	85	50	110÷118	60	18					150	3200	15

2/BMT

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

$i = n1:n2 = +1 (1:1)$



70 BAR



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M, Nm	n, min-1	p, kw
RAPPS 25 131UT85 - BMT45	45	25	52÷56,5	25	2					35	8000	6
RAPPS 25 131UT55 - BMT55	55	25	52÷56,5	25	2					40	8000	6
RAPPS 32 131UT65 - BMT65	65	32	68÷72,5	32	9					70	6000	10
RAPPS 40 131UT75 - BMT75	75	40	84÷89,5	51	20					100	4000	12
RAPPS 50 131UT85 - BMT85	85	50	110÷118	60	18					150	3200	15



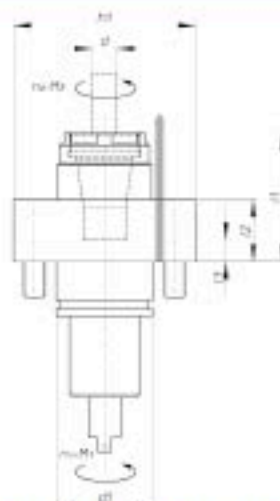
3/8MT

Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M Nm	n min-1	p kw	
RAPPS 16 122UT45 - BMT45	45	16	48	20	16					3	32000	2,5	
RAPPS 16 122UT55 - BMT55	55	16	48	20	16					4	24000	3	
RAPPS 25 122UT65 - BMT65	65	25	81	22	40					8	24000	4	
RAPPS 25 122UT75 - BMT75	75	25	67	35	26					8	24000	4	
RAPPS 32 122UT85 - BMT85	85	32	85	33	37					25	12000	6	

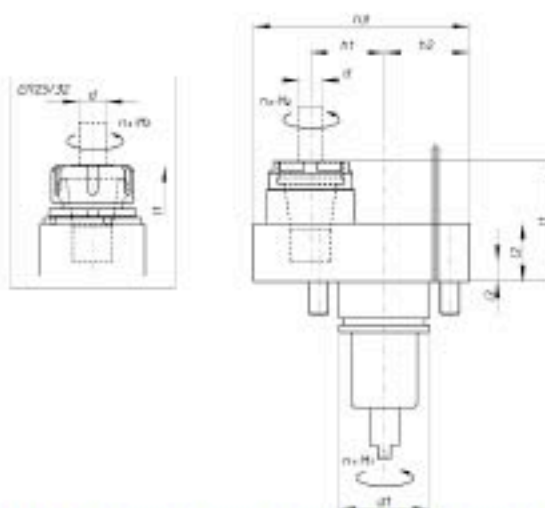
4/8MT

Assiale
Axial
Axial
Axial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -0,5 (1:2)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M Nm	n min-1	p kw	
RAPPD 16 1222UT45 - BMT45	45	16	69	32	32	45	37,5	114,5		15	16000	4	
RAPPD 16 1222UT55 - BMT55	55	16	69	32	32	45	42,5	119		15	16000	4	
RAPPD 25 1222UT65 - BMT65	65	25	100,5÷106	59	53	45	47	122		35	12000	8	
RAPPD 25 1222UT75 - BMT75	75	25	100,5÷106	59	53	45	56	131		35	12000	8	
RAPPD 32 1222UT85 - BMT85	85	32	100,5÷110	47	45	60	62,5	156		75	6000	12	



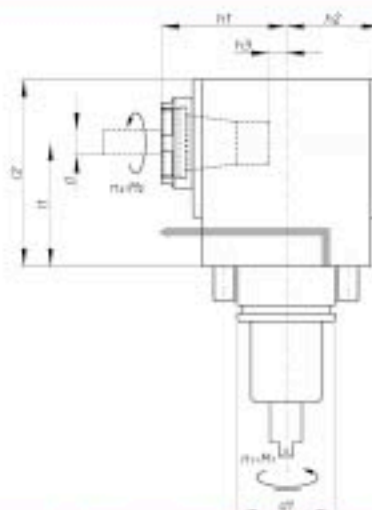
7/BMT

Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M _t Nm	n _e min ⁻¹	p kw		
RRPPS 16 122UT45 - BMT45	45	16	65	95		59	68	32		3	32000	2,5		
RRPPS 16 122UT55 - BMT55	55	16	60	90		72	68	40		4	24000	3		
RRPPS 25 122UT65 - BMT65	65	25	72	107		77	65	36		8	24000	4		
RRPPS 25 122UT75 - BMT75	75	25	60	104		77	74	36		8	24000	4		
RRPPS 32 122UT85 - BMT85	85	32	85	137		127	83	79		25	12000	6		

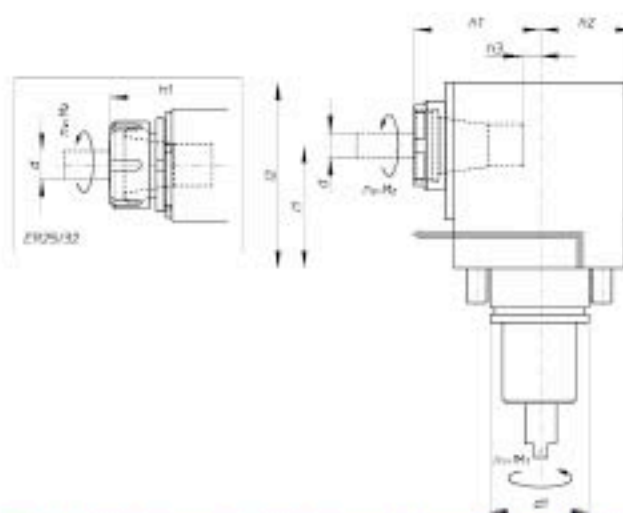
8/BMT

Radiale
Radial
Radial
Radial

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,5 (1:2)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M _t Nm	n _e min ⁻¹	p kw		
RRPPS 16 1222UT45 - BMT45	45	16	65	95		72	55	36		15	16000	4		
RRPPS 16 1222UT55 - BMT55	55	16	60	90		72	55	36		15	16000	4		
RRPPS 25 1222UT65 - BMT65	65	25	72	107		93,5÷98	67	46		35	12000	8		
RRPPS 25 1222UT75 - BMT75	75	25	60	95		93,5÷98	67	46		35	12000	8		
RRPPS 32 1222UT85 - BMT85	85	32	85	124		127,5÷132	63	71		75	6000	12		



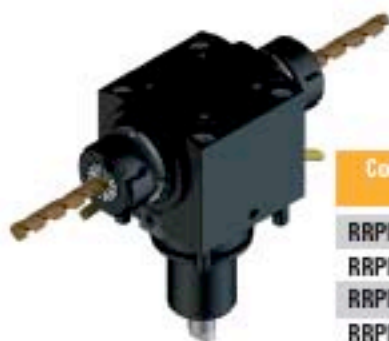
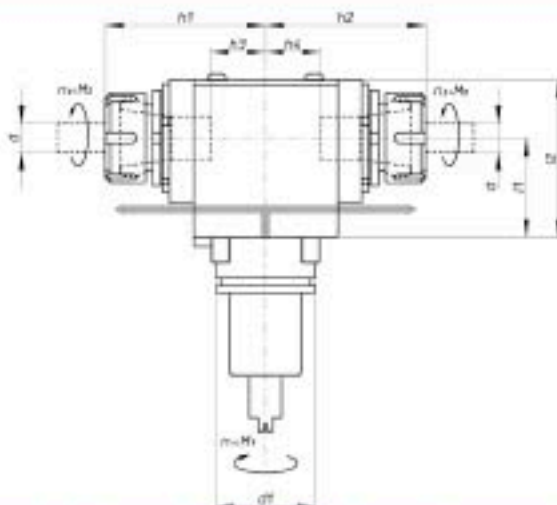
9/BMT

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = -1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	h1	h2	h3	h4	M _{Nm}	n _{min-1}	p _{kw}		
RRPPT 25 121UT85 - BMT45	45	25	65	95	80÷84,5	80÷84,5	40	40	35	8000	8
RRPPT 25 121UT55 - BMT55	55	25	60	90	80÷84,5	80÷84,5	40	40	40	8000	8
RRPPT 32 121UT65 - BMT65	65	32	72	107	89÷93,5	89÷93,5	37	46	70	6000	10
RRPPT 40 121UT75 - BMT75	75	40	60	104	107÷111	107÷111	54	54	100	4000	12

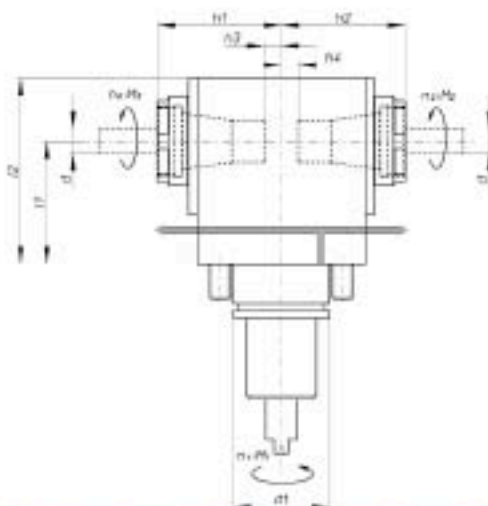
10/BMT

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +0,25 (1:4)$



Codice - code - code - Bestell Nr.	d1	ER	h1	h2	h3	h4	M _{Nm}	n _{min-1}	p _{kw}		
RRPPT 16 122UT45 - BMT45	45	16	65	95	59	59	32	32	3	32000	2,5
RRPPT 16 122UT55 - BMT55	55	16	60	90	72	72	40	40	4	24000	3
RRPPT 25 122UT65 - BMT65	65	25	72	107	77	77	36	36	6	24000	4
RRPPT 25 122UT75 - BMT75	75	25	60	104	77	77	36	36	6	24000	4



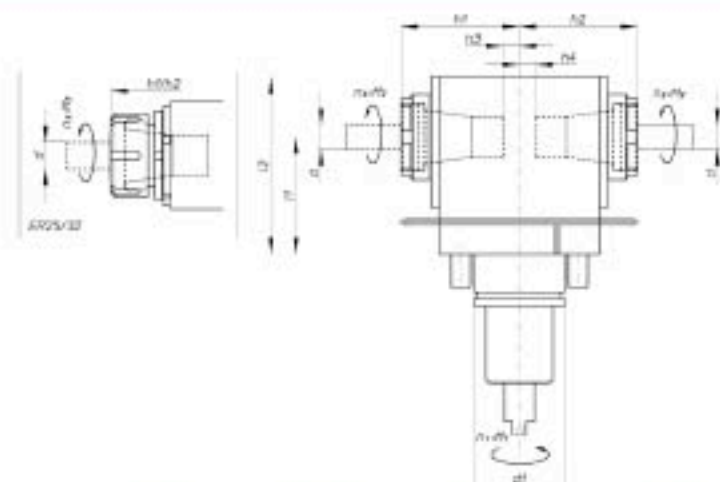
11/BMT

Doppio
Double
Double
2 Fach

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 \pm 0,5 (1:2)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	h1	h2	h3	h4	M Nm	n min-1	p kw
RRPPT 16 1222UT45 - BMT45	45	16	65	95		72	72	36	36	15	16000	4
RRPPT 16 1222UT55 - BMT55	55	16	60	90		72	72	36	36	15	16000	4
RRPPT 25 1222UT65 - BMT65	65	25	72	107		93,5÷98	93,5÷98	46	46	35	12000	8
RRPPT 25 1222UT75 - BMT75	75	25	60	95		93,5÷98	93,5÷98	46	46	35	12000	8



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Meccanica di precisione

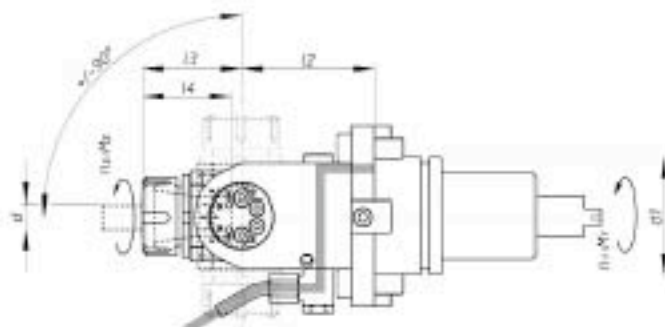
12/BMT

Orientabile
Angle adjustable
Angle réglable
Winkelinstellbar

Portapinza
Collet chuck
Pince de serrage
Spannzangeaufnahme

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

$i = n1:n2 = +1 (1:1)$



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	l4	h1	h2	h3	h4	M _s Nm	n _s min-1	p kw
ROPPS 20 121UT45 - BMT45	45	20		65	48÷52,5	37					15	8000	3
ROPPS 20 121UT55 - BMT55	55	20		65	48÷52,5	37					15	8000	3
ROPPS 25 121UT65 - BMT65	65	25		75	63÷67,5	42					25	6000	4
ROPPS 25 121UT75 - BMT75	75	25		75	63÷67,5	42					25	6000	4
ROPPS 32 121UT85 - BMT85	85	32		115	48÷52,5	50					50	4000	6

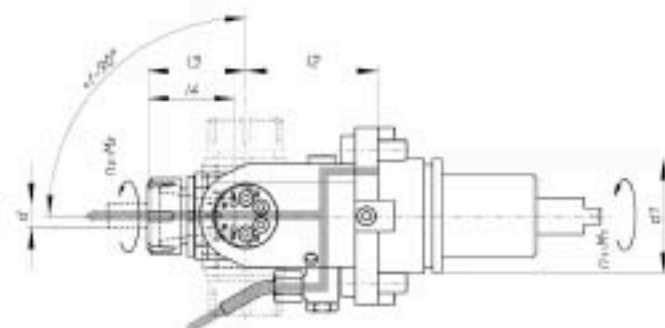
13/BMT

Orientabile
Angle adjustable
Angle réglable
Winkelinstellbar

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

$i = n1:n2 = +1 (1:1)$



70 BAR



Codice - code - code - Bestell Nr.	d1	ER	l1	l2	l3	l4	h1	h2	h3	h4	M _s Nm	n _s min-1	p kw
ROPPS 20 131UT45 - BMT45	45	20		65	48÷52,5	37					15	8000	3
ROPPS 20 131UT55 - BMT55	55	20		65	48÷52,5	37					15	8000	3
ROPPS 25 131UT65 - BMT65	65	25		75	63÷67,5	42					25	6000	4
ROPPS 25 131UT75 - BMT75	75	25		75	63÷67,5	42					25	6000	4
ROPPS 32 131UT85 - BMT85	85	32		115	48÷52,5	50					50	4000	6



ALGRA
Meccanica di precisione



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COMPONENTS - ACCESSOIRES - ZUBEHÖR

A

ACCESSORI |

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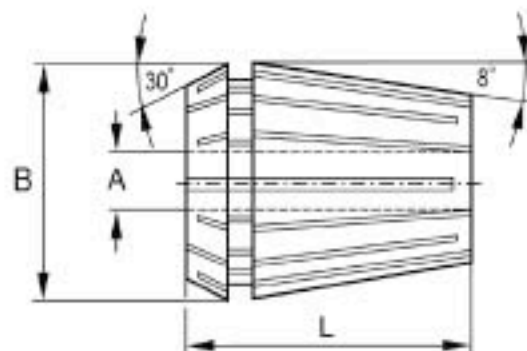
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A



ACCESSORI

Pinze di precisione autoestraibili secondo din 6499/b, tipo er/ex
precision autoextractable collets to din 6499/b, type er/ex
pinces de précision autoextraibles selon din 6499/b, type er/ex
ausziehbare präzisionsspannzangen nach din 6499/b, typ er/ex



Codice - code - code - Bestell Nr.	A	B mm	L mm	Note - Notes - Notes - Bemerkungen
E4-1 16/*	1÷10	17	27	Ø A aumenta di 0,5 mm per Ø A da 1 a 3 mm. Aumenta di 1 mm per Ø A oltre 3 mm. La capacità di serraggio è pari all'incremento.
E4-1 20/*	1÷13	21	31	Ø A increases 0,5 mm for Ø A from 1 to 3 mm. It increases 1 mm for Ø A over 3 mm. Clamping capacity corresponds to diameter increase.
E4-1 25/*	1÷16	26	35	Ø A augmente 0,5 mm pour Ø A de 1 à 3 mm. Ø A augmente 1 mm pour A après 3 mm. La capacité de serrage correspond à l'augmentation.
E4-1 32/*	2,5÷20	33	40	Ø A steigt 0,5 mm für Ø A von 1 bis 3 mm. Er steigt 1 mm für A über 3 mm. Die Klemmfähigkeit entspricht der Zunahme.
E4-1 40/*	3÷26	41	49	Ø A aumenta 1 mm per volta. La capacità di serrag- gio è pari all'incremento. Ø A increases 1 mm every time. Clamping capacity corresponds to diameter increase. Ø A augmente 1 mm chaque fois. La capacité de serrage correspond à l'augmentation. Ø A steigt von 1 mm jedesmal. Die Klemmfähigkeit entspricht der Zunahme.

N.B.: Indicare sull'ordine il codice e il Ø A(*) Es.: E4-1 20/1,5
When ordering please, give code and Ø A(*) Ex.: E4-1 20/1,5
À la commande spécifier code et Ø A(*) Ex.: E4-1 20/1,5lm
Bestellfalle Code und Ø A(*) angeben z.B.: E4-1 20/1,5

Chiave per bloccaggio portautensile rotante
driven tool lock wrench
clef pour blocage du porte outil
Schlüssel für Spindelkopfblockierung



Codice - code - code - Bestell Nr.		
RE20 RZ	40-42	
RE25 RZ	45-50	
RE32 RZ	52-55	
RE40 RZ	60-65	
RE50 RZ	75-80	

Ghiera mini
nut type mini
écrou mini
Nutmutter Mini

Chiave per ghiera mini
wrench for nut type mini
Clef pour écrou mini
Schlüssel für Nutmutter Mini

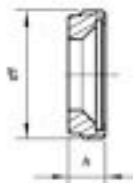


Codice - code - code - Bestell Nr.		d1	d2	h	ER	Codice - code - code - Bestell Nr.	
RG16 OZ		M22X1,5	32	17,5	16	RE16 OZ	
RG20 OZ		M25X1,5	35	19	20	RE20 OZ	
RG25 OZ		M32X1,5	42	20	25	RE25 OZ	
RG32 OZ		M40X1,5	50	23	32	RE32 OZ	
RG40 OZ		M50X1,5	63	25	40	RE40 OZ	
RG50 OZ		M64X2,0	78	35,5	50	RE50 OZ	



Ghiera esagonale
hexagonal nut
écrou hexagonal
hexagonale Nutmutter

Chiave per ghiera esagonale
wrench for hexagonal nut
clef pour écrou hexagonal
Schlüssel für hexagonale Nutmutter

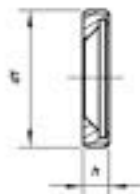


Codice - code - code - Bestell Nr.	d1	h	ch	ER
RG20 CZ	M26X1,5	14	22	20
RG25 CZ	M32X1,5	14	27	25
RG32 CZ	M40X1,5	17,5	32	32

Codice - code - code - Bestell Nr.
RE20 DZ
RE25 DZ
RE32 DZ

Ghiera con fori frontali
nut with frontal holes
écrou avec trous frontals
Nutmutter mit frontalen Bohrungen

Chiave per ghiera con fori frontali
wrench for nut with frontal holes
Clef pour écrou avec trous frontals
Schlüssel für Nutmutter mit frontalen Bohrungen



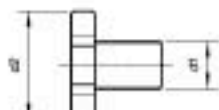
Codice - code - code - Bestell Nr.	d1	h	ER
RG20 GZ	M26X1,5	11	20
RG25 GZ	M32X1,5	12	25
RG32 GZ	M40X1,5	14	32

Codice - code - code - Bestell Nr.
RE20 HZ
RE25 HZ
RE32 HZ



Vite di chiusura DIN6367
lock screw DIN6367
vis de serrage DIN6367
Arretierschraube DIN6367

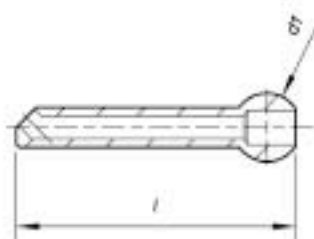
Chiave per vite di chiusura DIN6367
wrench for lock screw DIN6367
clef pour vis de serrage DIN6367
Schlüssel für Arretierschraube DIN6367



Codice - code - code - Bestell Nr.	d1	d2		
RG16 XZ	M8	20		
RG22 XZ	M10	28		
RG27 XZ	M12	35		

Codice - code - code - Bestell Nr.
RE16 XZ
RE22 XZ
RE27 XZ

Ugello di refrigerazione
cooling nozzle extensions
tuyère de réfrigération
Verlängerungen



Codice - code - code - Bestell Nr.	d1	l		
RZ12-49	12	49		
RZ12-38	12	38		
RZ12-18	12	18		