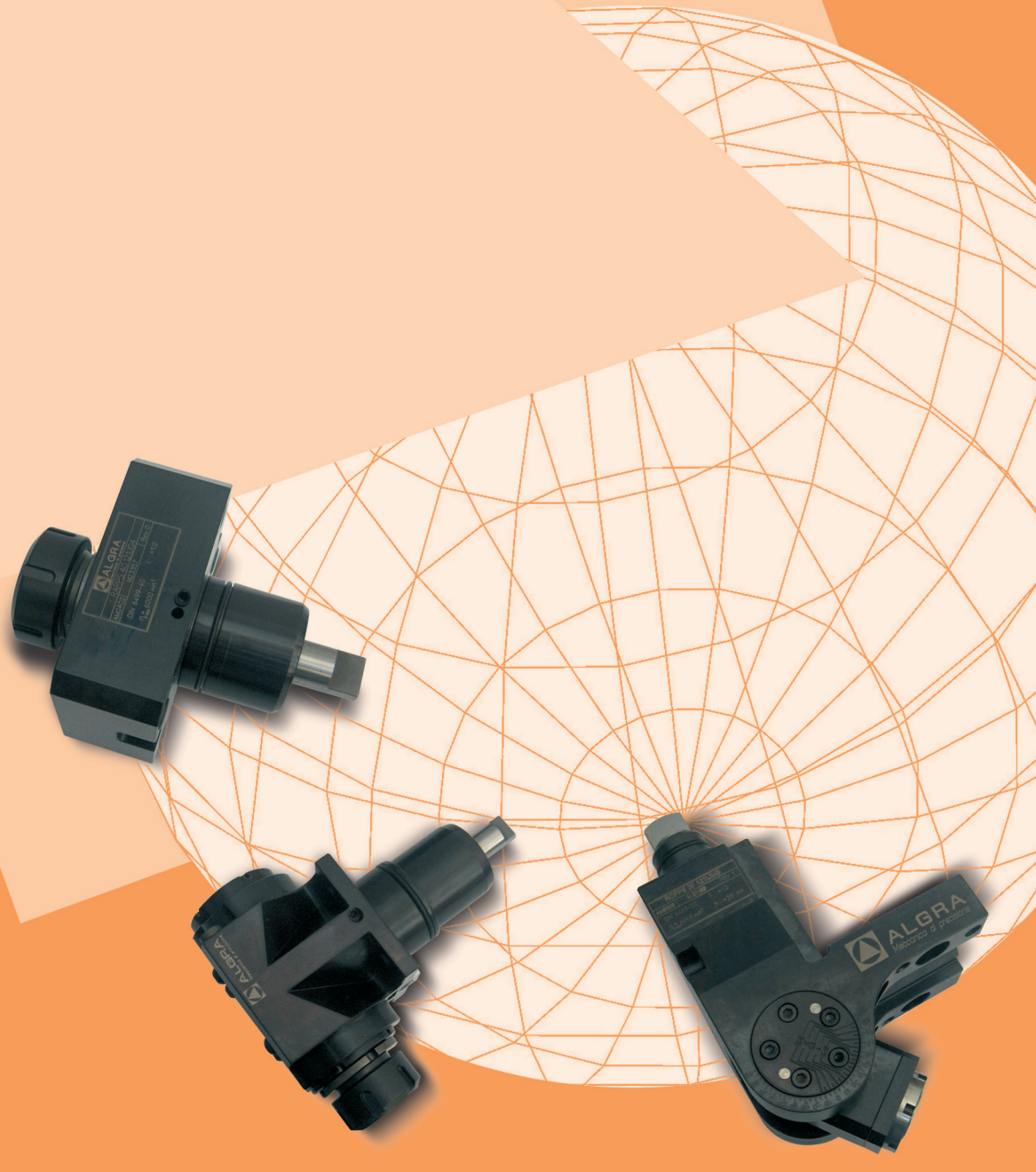
ALGRA
Meccanica di precisione

BMT 动力刀座选型样本

CATALOGO ROTANTI AMS
AMS DRIVEN TOOL



STAMPATO SU CARTA RICICLATA - PRINTED ON RECYCLED PAPER - IMPRIMÉ SUR PAPIER RECYCLÉ - GEDRUCKT AUF AUFBEREITETEM PAPIER

上 海 罗 拓 自 动 化 技 术 有 限 公 司
电话：021-64120150　　传真：021-64121797
网址：www.algra.cn

2011

ALGRA Meccanica di precisione

UNI EN ISO 9001:2000 - Cert. n° 0141

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

ALGRA S.p.A. 为车削中心用各种刀盘、动力刀座和非动力刀座的专业制造厂商，工厂座落在风景优美的意大利圣塞尔瓦多，已有30多年加工制造经验。多年来，公司不断致力于产品的研发生产、技术更新和业务拓展，以其技术领先、质量可靠、性能卓越、服务便捷，在世界刀盘刀座业界居于行业领先地位，通过了 ISO 9001:2000 认证和 ISO 14001 :2004 认证。诚信为本、专业为准，**ALGRA** 愿为广大国内外机床设备厂商提供优质的刀盘刀座产品，依靠完善的原厂配套服务，不断进取、不断创新,实现合作共赢。

ALGRA S.p.A., born by the traditional mastery of handicraft work, reached, after an experience of over 30 years, positions of relief in mechanical manufacturing of precision. The partnership with the most important builders of tool machinery, accompanied by a continuous technological updating and by a constant improvement of the business system, allowed to **ALGRA** to guarantee flexibility, quality and reliability to its customers.

The production is developed in Almenno San Salvatore (BG) establishment by an organic made of around 100 people.

The work is developed, in the optics of a continuous improvement of the product and of the business trials.

Advanced technology develops a key role in **ALGRA**'s purpose of increasing its value, the one of its products, of the services and of staff's ability, working in the respect of UNI EN ISO 9001:2000 laws and of environmental standards provided for ISO 14001:2004 certification.

ALGRA S.p.A., nata dalla tradizionale maestria del lavoro artigianale, ha raggiunto, dopo un'esperienza di oltre 30 anni di lavoro, posizioni di rilievo nelle lavorazioni meccaniche di precisione.

Il rapporto con i più importanti costruttori di macchine utensili, accompagnato da un continuo aggiornamento tecnologico e da un costante miglioramento del sistema aziendale, ha consentito ad **ALGRA** di garantire ai suoi clienti flessibilità, qualità ed affidabilità.

La produzione viene sviluppata nello stabilimento di Almenno San Salvatore (BG) da un organico di circa 100 persone.

La tecnologia avanzata svolge un ruolo chiave nell'obiettivo di **ALGRA** di personale, operando nel rispetto delle norme UNI EN ISO 9001:2000 e degli standard ecologici previsti dalla certificazione ISO 14001:2004.

ALGRA
Meccanica di precisione

目录
Index
Indice
Zeigefinger

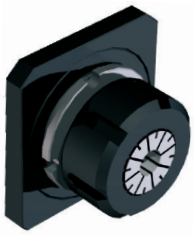
刀座夹持刀具方式介绍 Chuck coupling uscita mandrino Werkzeugaustritt	页码 5

编码原则介绍 Code codice dilettura Lektürecode	页码 6-7

连接动力轴 Coupling Attacco Kupplung	机床厂名称 Machine Macchina Maschine	机床型号 Model Modello Modell	页码 Page Pagina 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	依据需求制作
MO	MORI-SEIKI	SL - ZL 150 - 153 - 154 (MC SMC Y SY) DL DL 150 (MC Y) MO	依据需求制作
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	刀座附件选型 ACCESSORI		41-46

刀座夹持刀具方式介绍

Chuck coupling - Uscita mandtino - Werkzeugaustritt



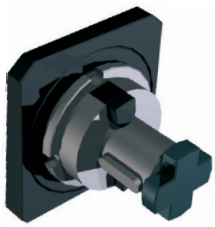
外螺帽筒夹
Exterior collet chuck
Porta pinza esterna
Ausserspannzangeaufnahme

DIN6499



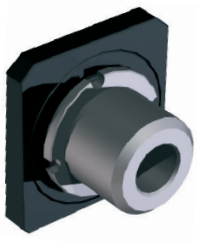
内螺帽筒夹
Internal collet chuck
Porta pinza interna
Innerspannzangeaufnahme

DIN6499



面铣刀
Shell end milling cutters
Porta fresa
Fräseraufnahme

DIN6358



固定孔径（变径套方式减径）
Weldon coupling
Porta weldon
Weldonaufnahme

DIN1835



Hsk-C 型
Hsk coupling
Sistema hsk
Hsk Werkzeugaustritt

DIN69893

编码原则介绍

Reading code - Code de lecture - Lektürecode

R	A	PP	S	16
R	A	PP	S	16
动力刀座 **Driven tool** Portautensile rotante **Angetriebene werkzeuge**	轴向 **Axial** Assiale **Axial**	筒夹夹持 **Collet chuck** Portapinza **Spannzangeaufnahme**	标准型 **Standard** Standard **Standard**	ER 16
	R	PF	T	20
	径向 **Radial** Radiale **Axial**	面铣刀 **Milling chuck** Portafresa **Fräseraufnahme**	双头动力型 Double Doppio 2 Fach	ER 20
	O	PW		25
	可调角度头 **Adjustable** Orientabile **Winkeleinstellbar**	固定孔径 （变径套方式减径） **Weldons** Weldons **Weldons**		ER 25
				32
				ER 32
				40
				ER 40
				50
				ER 50

ALGRA
Meccanica di precisione

编码原则介绍

Reading code - Code de lecture - Lektürecode

1	2	1	U	MS
1	1	1	D	MS
标准 Standard Standard Standard	中心通冷却液 Internal coolant supply Refrigerante interno Kühlschmierstoffzuführung intern	传动比 i=+/- 1 (1:1) Transmission ratio i=+/- 1 (1:1) Rapporto di trasm. i=+/- 1 (1:1) Übersetzungsverhältnis i=+/- 1 (1:1)	右手型 Right Destro Rechts	MS规格标准 Coupling MS Attacco MS Kupplung MS
	2	2	S	CM
	外部通冷却液 External coolant supply Refrigerante esterno Kühlschmierstoffzuführung extern	增速 High trasmission ratio Rapporto di trasm. moltiplicato Üntersetzungsverhältnis	左手型 Left Sinistro Links	CM规格标准 Coupling CM Attacco CM Kupplung CM
	3	3	U	MO
	中心内冷及外部内冷 External and internal coolant supply Refrigerante interno/esterno Kühlschmierstoffzuführung ext. u. int.	减速 Low trasmission ratio Rapporto di trasm. ridotto Übersetzungsverhältnis	左右手通用型 Universal Universale Universal	MO规格标准 Coupling MO Attacco MO Kupplung MO
				G1
				G1 规格标准 Coupling G1 Attacco G1 Kupplung G1
				G3
				G3 规格标准 Coupling G3 Attacco G3 Kupplung G3
				G4
				G4 规格标准 Coupling G4 Attacco G4 Kupplung G4
				N1
				N1 规格标准 Coupling N1 Attacco N1 Kupplung N1
				BMT
				BMT规格标准 Coupling BMT Attacco BMT Kupplung BMT

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Meccanica di precisione

MS



联接动力轴规格标准

COUPLING - Attacco - KUPPLUNG

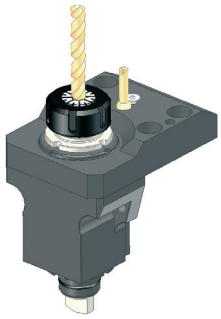
MS

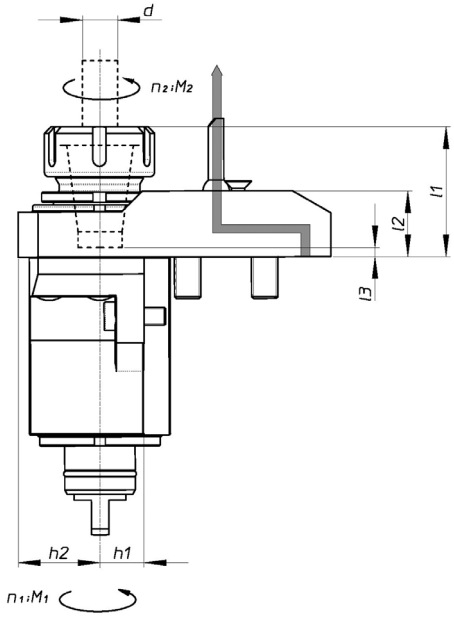
MORI-SEIKI	ZL - DL200 - 250 (MC) SL 200 - 203 - 204 - 250 - 253 - 254 (MC SMC) - 2500Y
CMZ	TL 20 M - MS - TM TL 25 AM - AMS - BM - BMS
GOODWAY	GS 200 - 260 - 280 GA 2000 - 2600 - 2800 - 3000 - 3300 - 3600

MS

1/MS

轴向	0度筒夹型刀座	可外冷	1:1速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	Alimentation d'arrosage extérieur	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





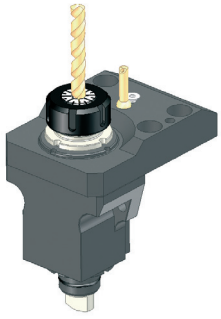
编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M₂ Nm	n₂ min-1	p kw		
RAPPS 32 121UMS	**32**	55,5÷60	30	-3	20	37			70	6000	10		

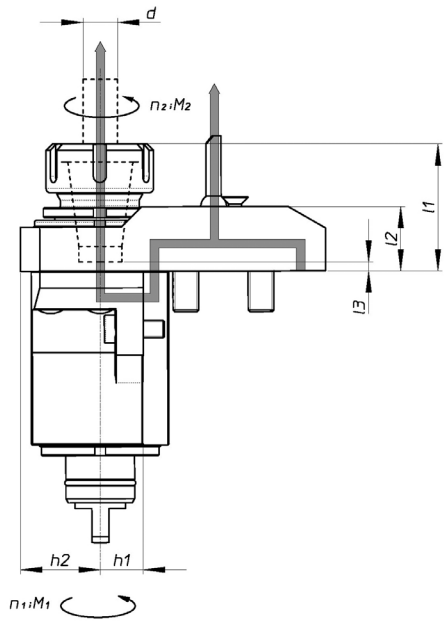
2/MS

轴向	0度筒夹型刀座	内冷和外冷皆可	1:1速比
Axial	Collet chuck	External and internal coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione interna-esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	

内外冷却水压力70BAR

70 BAR



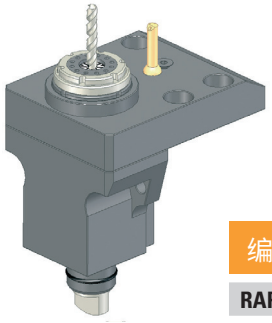


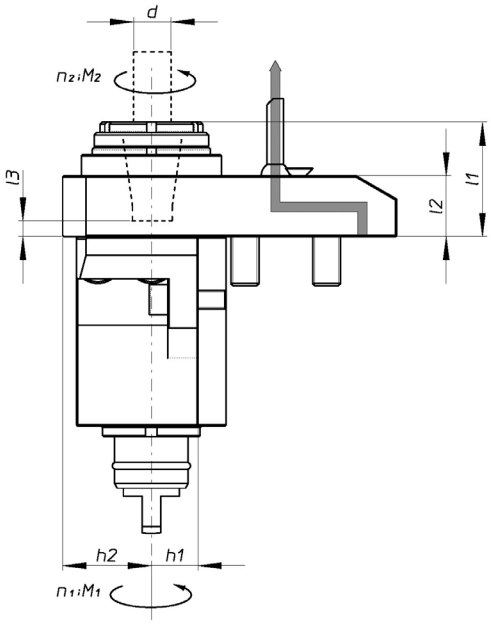
编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M₂ Nm	n₂ min-1	p kw		
RAPPS 32 131UMS	**32**	55,5÷60	30	-3	20	37			70	6000	10		

3/MS

轴向	0度筒夹型刀座	可外冷	1:4增速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +0,25 (1:4)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

MS



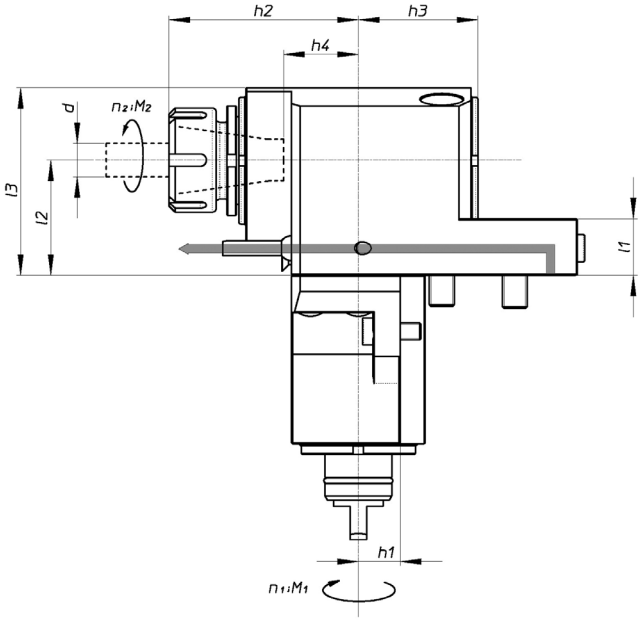


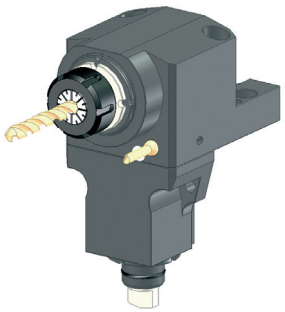
编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RAPPS 16 122UMS	**16**	50	30	5	20	37			8	24000	4

MS

5/MS

径向	90度筒夹型刀座	可外冷	1:1速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = -1 (1:1)
Assiale	**Portapinza**	Alimentation d'arrosage extérieur	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

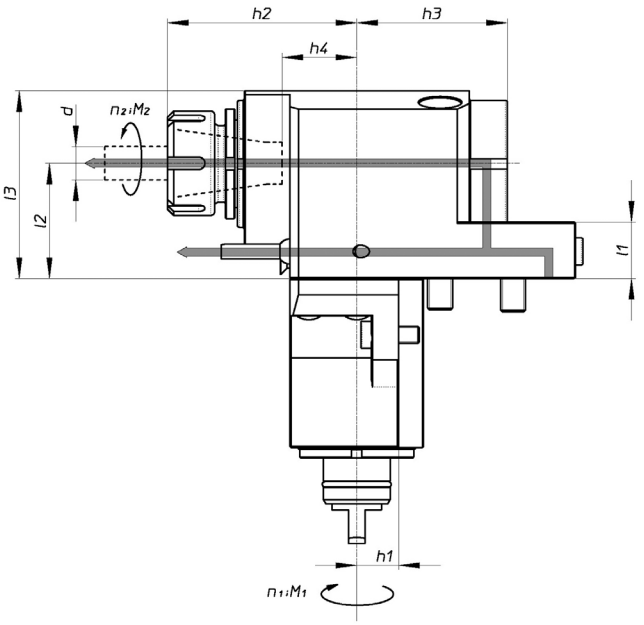




编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPS 32 121DMS	**32**	27	55	90	20	89÷93,5	57	31	70	6000	10

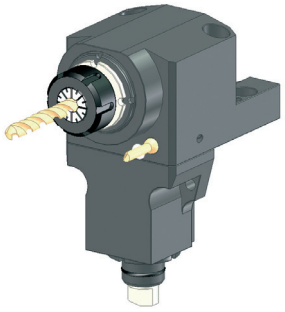
6/MS

径向	90 度筒夹型刀座	内冷和外冷皆可	1:1速比
Radial	Collet chuck	External and internal coolant supply	i = n1:n2 = -1 (1:1)
Assiale	**Portapinza**	**Refrigerazione interna-esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	



内外冷却水压力70BAR

70 BAR



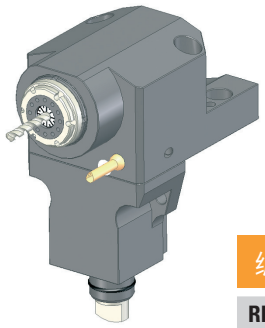
编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPS 32 131DMS	**32**	27	55	90	20	89÷93,5	72	31	70	6000	10

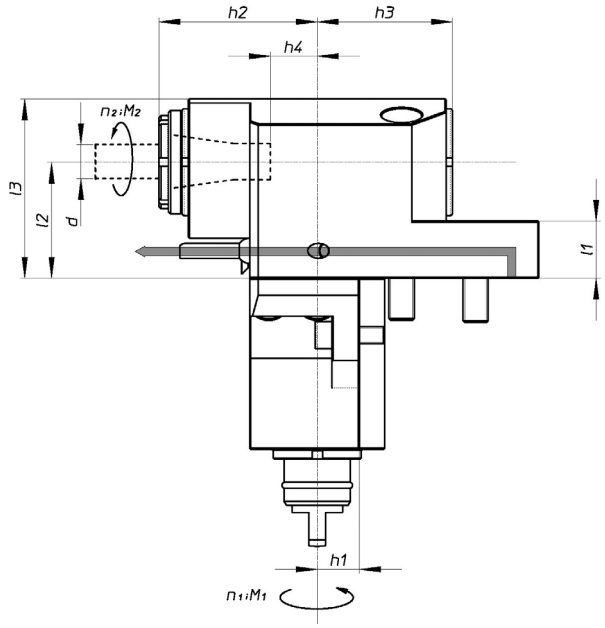
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Meccanica di precisione

7/MS

径向	90度筒夹型刀座	可外冷	1:4增速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = +0,25 (1:4)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

MS





编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M_2 Nm	n_2 min-1	p kw			
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MS

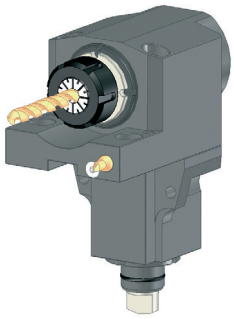
8/MS

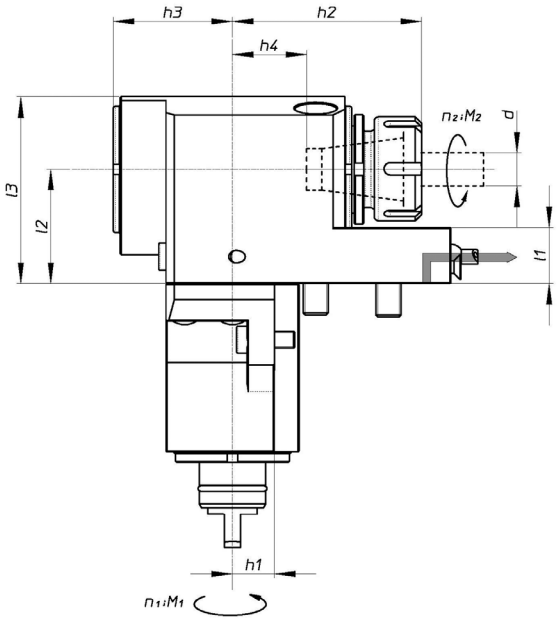
径向反向
Radial upside-down
Radiale rovesciato
Radial überkopf

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1速比
i = n1:n2 = -1 (1:1)





编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 121RMS	**32**	27	55	90	20	89÷93,5	57	31	70	6000	10

9/MS

径向反向
Radial upside-down
Radiale rovesciato
Radial überkopf

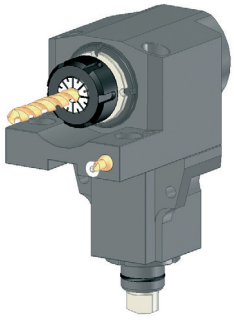
90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

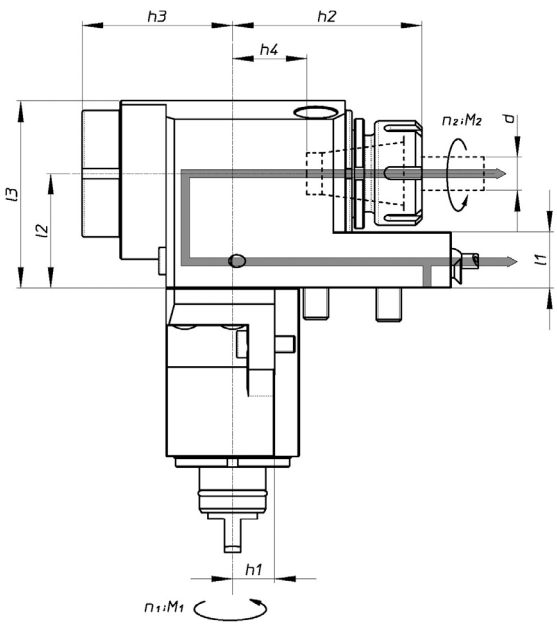
内冷和外冷皆可
External and internal coolant supply
Refrigerazione interna-esterna
Kühlschmierstoffzuführung extern und intern

1:1速比
i = n1:n2 = -1 (1:1)

内外冷却水压力70BAR

70 BAR





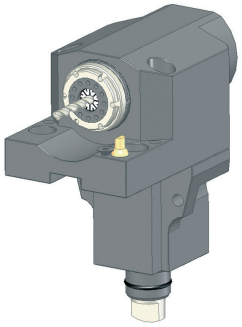
	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 131RMS	**32**	27	55	90	20	89÷93,5	67	31	70	6000	10

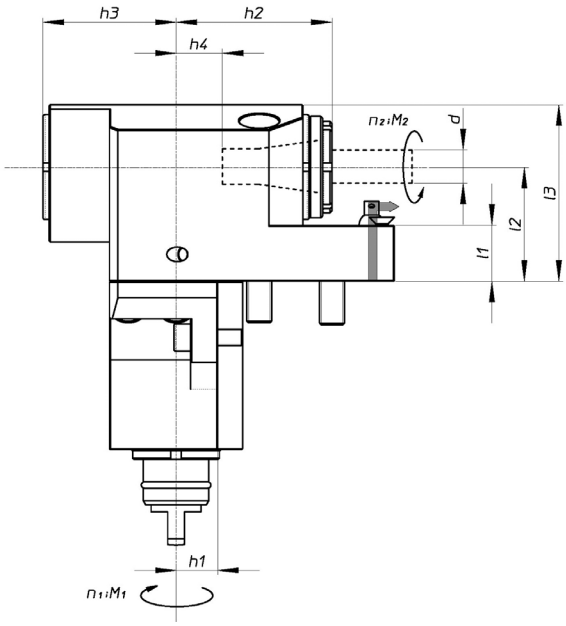
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10/MS

径向反向 | 90度筒夹型刀座 | 可外冷 | 1:4增速比
Radial upside-down | Collet chuck | External coolant supply
Radiale rovesciato | **Portapinza** | **Refrigerazione esterna** | i = n1:n2 = +0,25 (1:4)
Radial überkopf | Spannzangeaufnahme | Kühlschmierstoffzuführung extern

MS





编号 code	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 16 122RMS	**16**	27	55	85	20	76	64	31	8	24000	4

MS

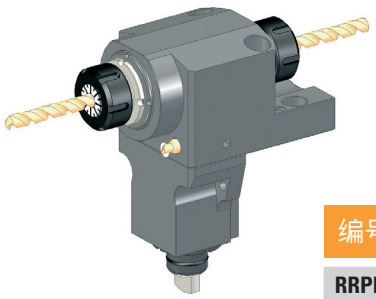
11/MS

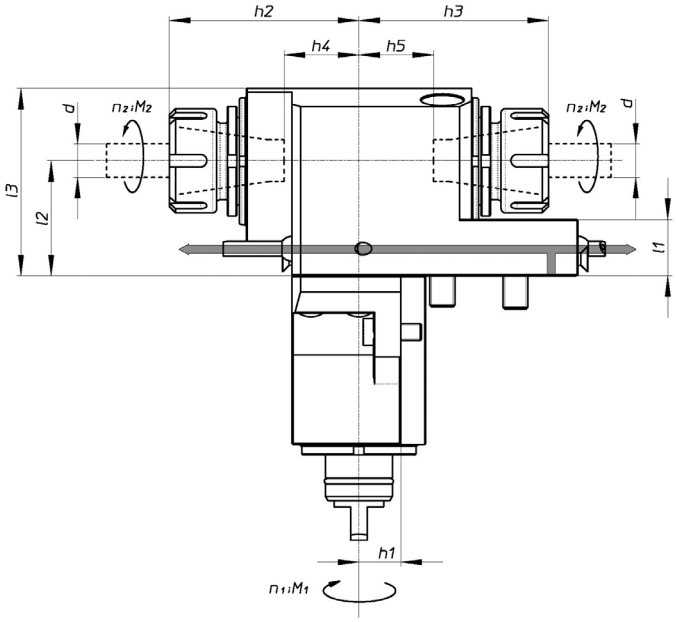
双向动力
Double
Doppio
2 Fach

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1速比
i = n1:n2 = -1 (1:1)





编号 code	ER	l1	l2	l3	h1	h2	h3	h4	h5	M2 Nm	n2 min-1	p kw
RRPPT 32 121UMS	**32**	27	55	90	20	89÷93,5	89÷93,5	37	46	70	6000	10

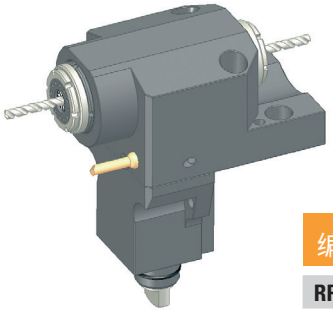
12/MS

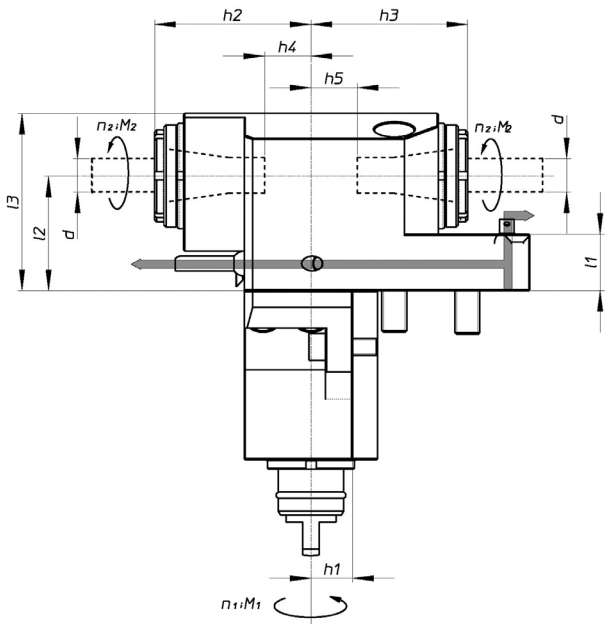
双向动力
Double
Doppio
2 Fach

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:4增速比
i = n1:n2 = +0,25 (1:4)





编号 code	ER	l1	l2	l3	h1	h2	h3	h4	h5	M2 Nm	n2 min-1	p kw
RRPPT 16 122UMS	**16**	27	55	85	20	76	76	31	31	8	24000	4

MS

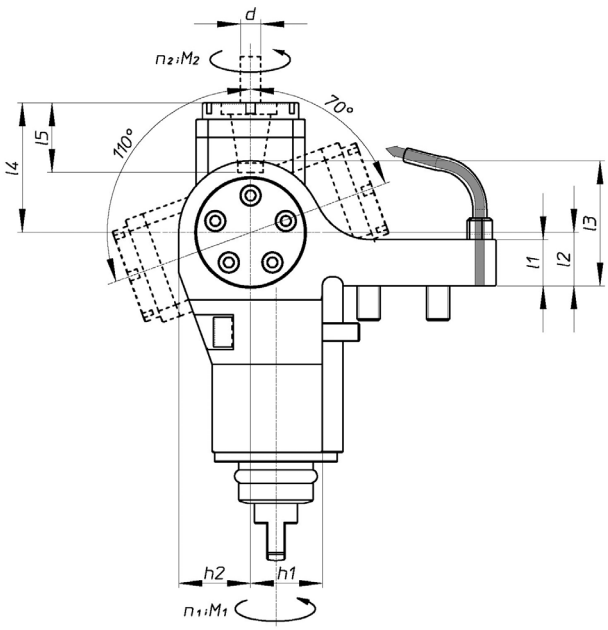
13/MS

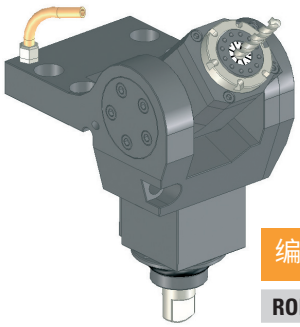
角度可调 Angle adjustable **Orientabile** winkeleinstellbar

筒夹型刀座 Collet chuck **Portapinza** Spannzangeaufnahme

可外冷 External coolant supply **Refrigerazione esterna** Kühlschmierstoffzuführung extern

1:1速比 i = n1:n2 = +1 (1:1)





编号 code	ER	l1	l2	l3	l4	l5	h1	h2	M2 Nm	n2 min-1	p kw
ROPPS 20 121UMS	**20**	25	35	66	56	37,5	20	31	25	6000	6

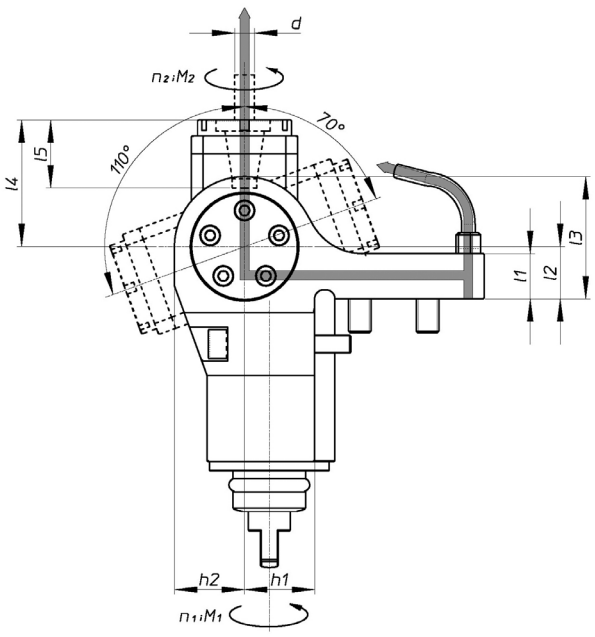
14/MS

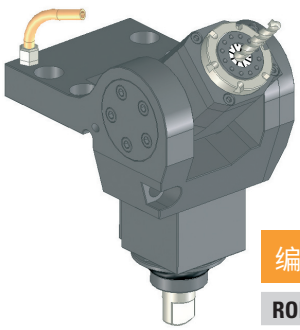
角度可调 Angle adjustable **Orientabile** winkeleinstellbar

筒夹型刀座 Collet chuck **Portapinza** Spannzangeaufnahme

内冷和外冷皆可 External and internal coolant supply **Refrigerazione interna-esterna** Kühlschmierstoffzuführung extern und intern

1:1速比 i = n1:n2 = +1 (1:1)



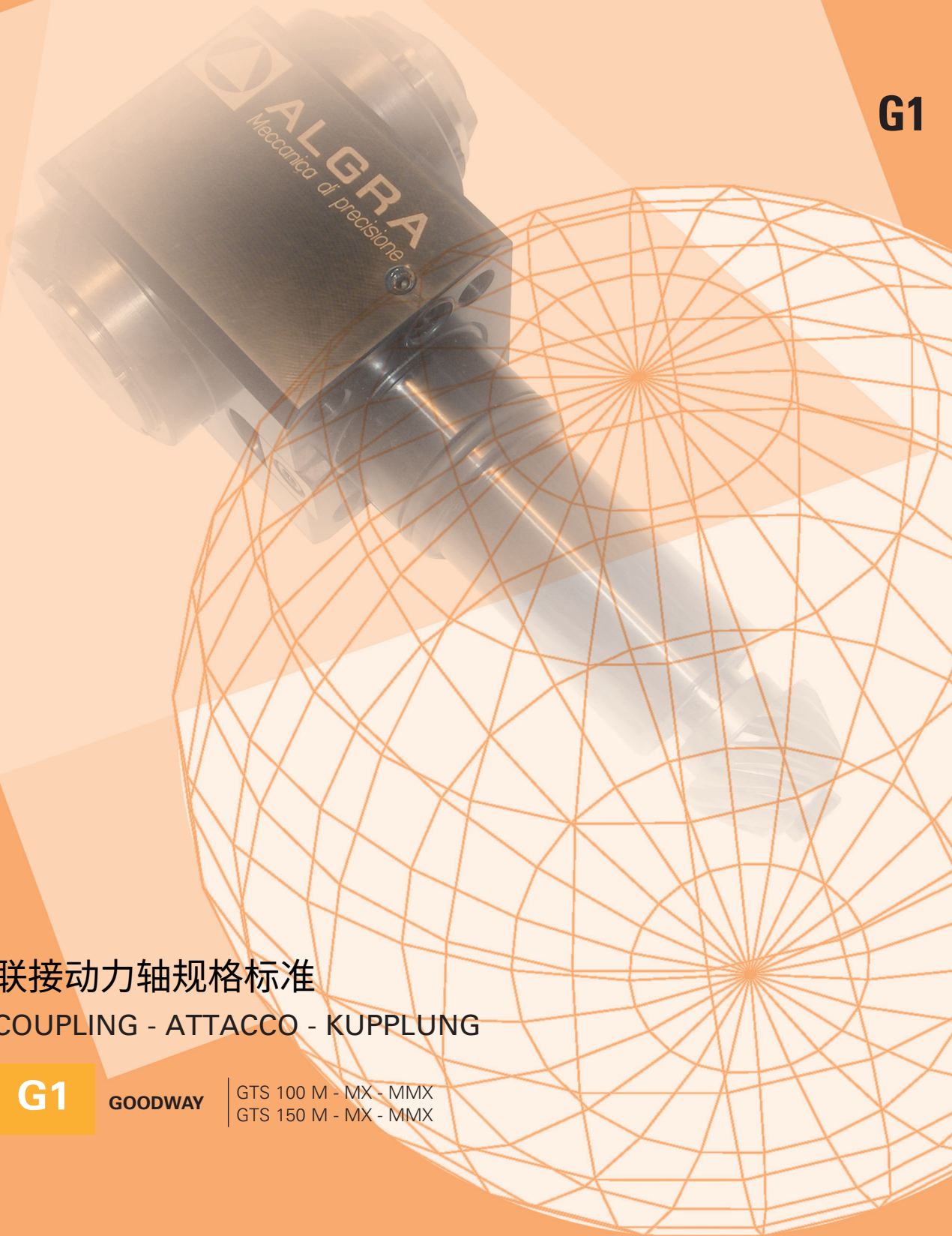


编号 code	ER	l1	l2	l3	l4	l5	h1	h2	M2 Nm	n2 min-1	p kw
ROPPS 20 131UMS	**20**	25	35	66	56	37,5	20	31	25	6000	6



ALGRA
Meccanica di precisione

G1



联接动力轴规格标准

COUPLING - ATTACCO - KUPPLUNG

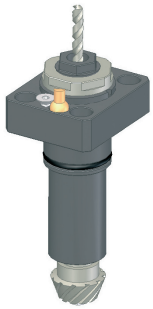
G1 **GOODWAY**

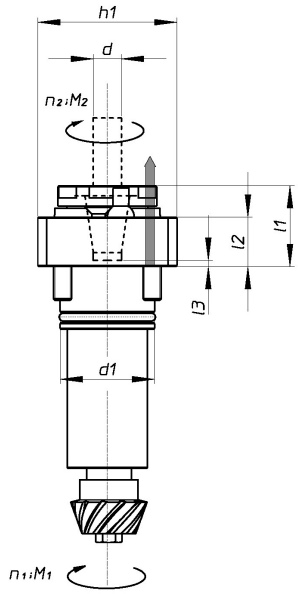
GTS 100 M - MX - MMX
GTS 150 M - MX - MMX

G1

1/G1

轴向	0 度筒夹型刀座	可外冷	1:1 速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	



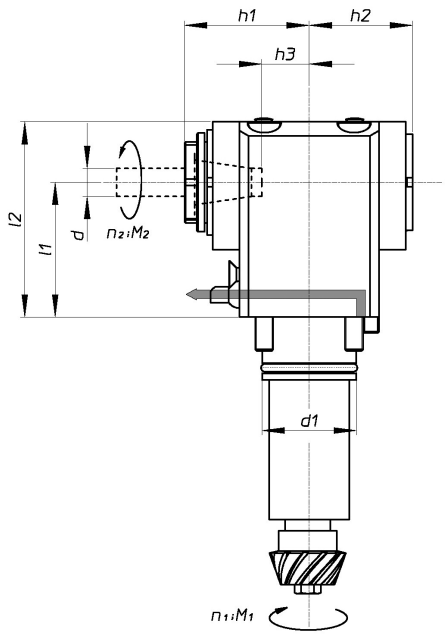


编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw		
RAPPS 20 121UG1	**42 h6**	**20**	40	26,5	2,5	62				25	6000	6		

2/G1

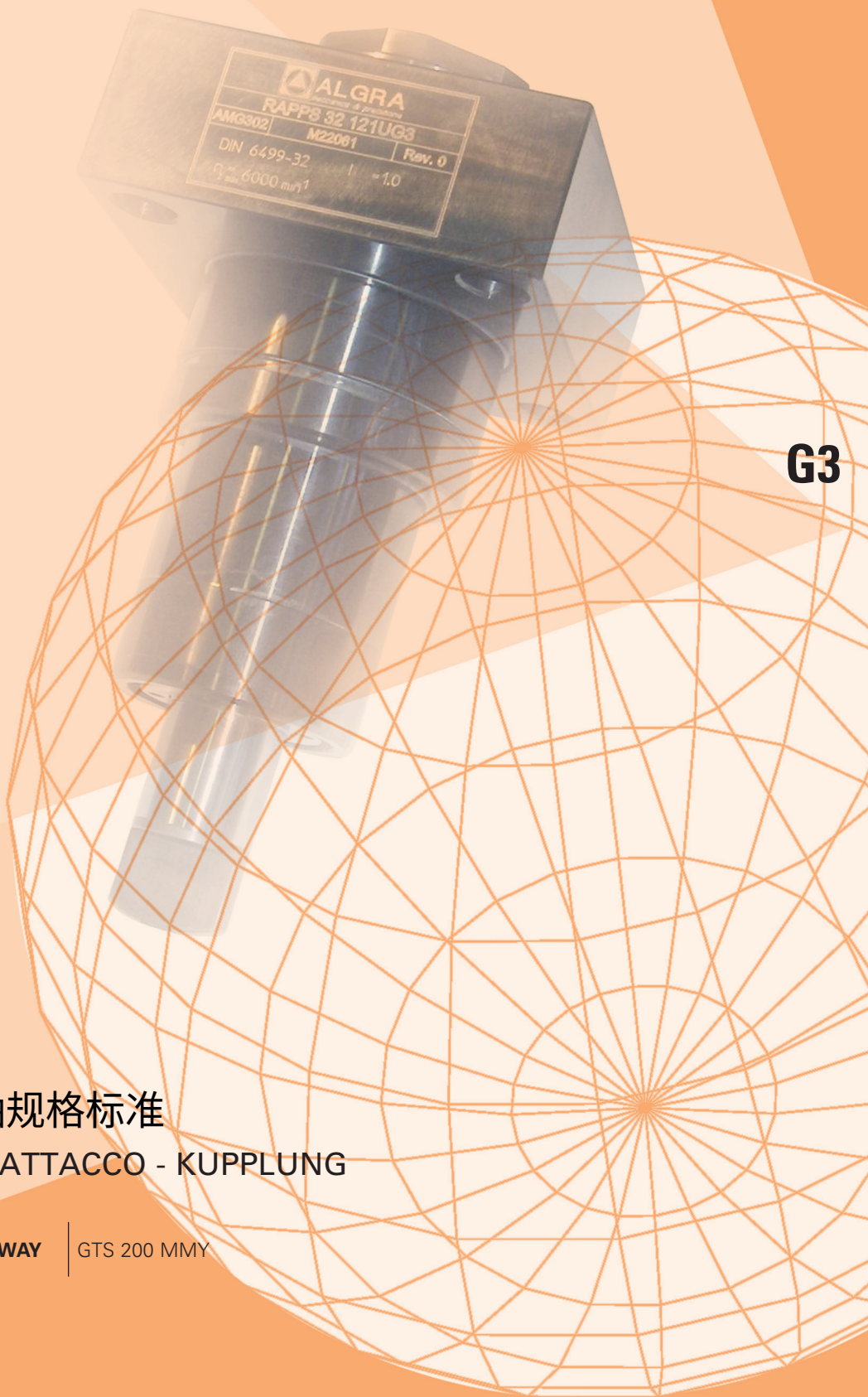
径向	90 度筒夹型刀座	可外冷	1:1 速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw		
RAPPS 20 121UG1	**42 h6**	**20**	60	87		58	46	21		25	6000	6		

ALGRA
Meccanica di precisione



G3

联接动力轴规格标准

COUPLING - ATTACCO - KUPPLUNG

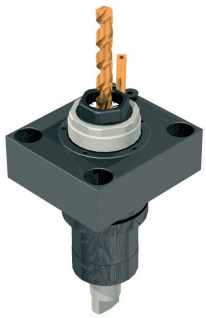
G3 **GOODWAY** | GTS 200 MMY

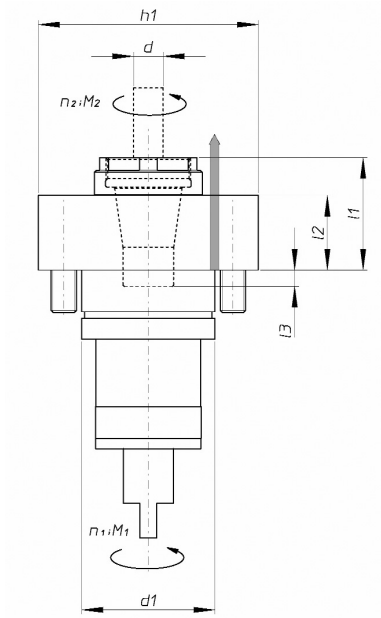
ALGRA
Meccanica di precisione

G3

1/G3

轴向	0度筒夹型刀座	可外冷	1:1速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





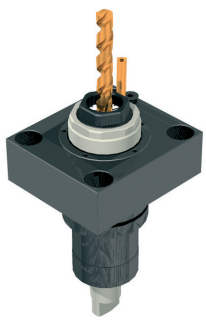
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 32 121UG3	**63**	**32**	53	36	8	92				70	6000	10

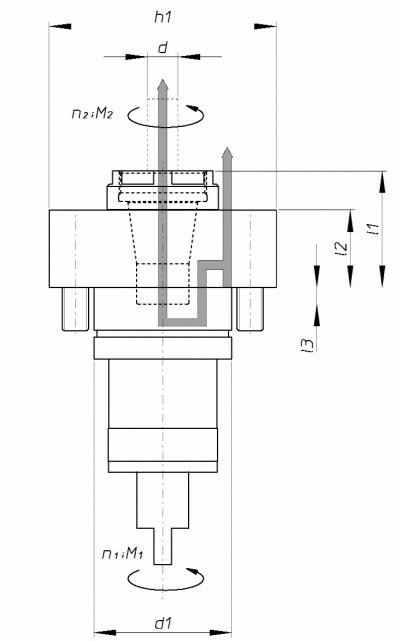
2/G3

轴向	0度筒夹型刀座	内冷和外冷皆可	1:1速比
Axial	Collet chuck	External and internal coolant supply	i = n1:n2 = +1 (1:1)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	

内外冷却水压力70BAR

70 BAR





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 32 131UG3	**63**	**32**	53	36	8	92				70	6000	10

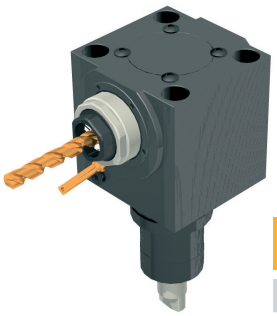
3/G3

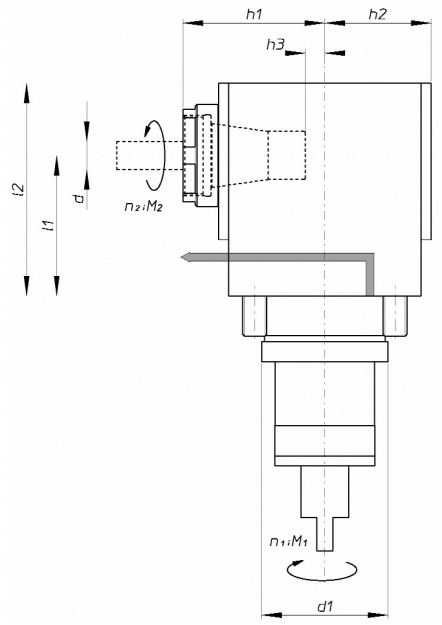
径向
Radial
Radiale
Radial

90 度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1 速比
i = n1:n2 = -1 (1:1)





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 121UG3	**63**	**32**	70	106		71	53	10		70	6000	10

G3

4/G3

径向
Radial
Radiale
Radial

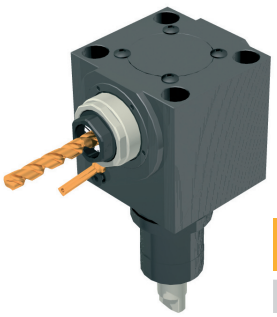
90 度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

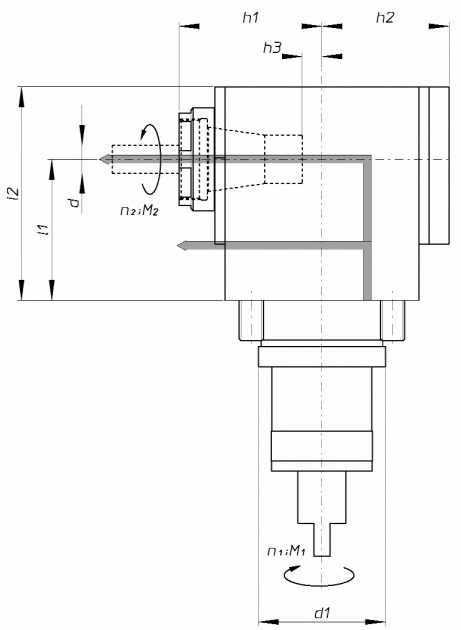
内冷和外冷皆可
External and internal coolant supply
Refrigerazione interna-esterna
Kühlschmierstoffzuführung extern und intern

1:1 速比
i = n1:n2 = -1 (1:1)

内外冷却水压力70BAR

70 BAR





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 131UG3	**63**	**32**	70	106		71	63	10		70	6000	10

ALGRA
Meccanica di precisione



G4

联接动力轴规格标准

COUPLING - ATTACCO - KUPPLUNG

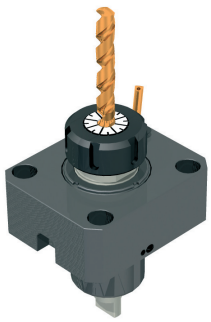
G4 **GOODWAY** | GS 2000 - 2600 - 2800 - 3000 - 3300 - 3600

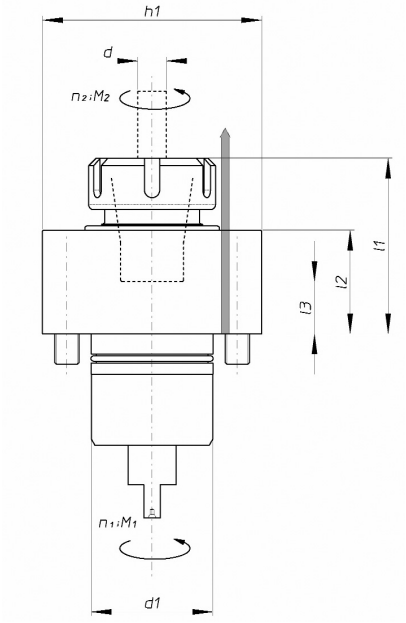
ALGRA
Meccanica di precisione

G4

1/G4

轴向	0度筒夹型刀座	可外冷	1:1速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





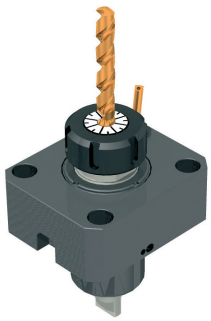
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 40 121UG4	**60**	**40**	87,5÷92	51	26	108				70	6000	10

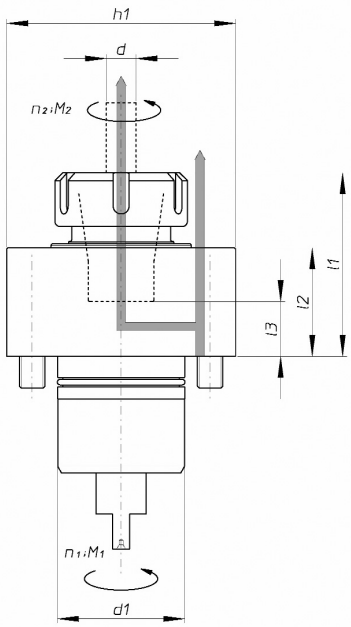
2/G4

轴向	0度筒夹型刀座	内冷和外冷皆可	1:1速比
Axial	Collet chuck	External and internal coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione interna-esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	

内外冷却水压力70BAR

70 BAR





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 40 131UG4	**60**	**40**	87,5÷92	51	26	108				70	3000	10

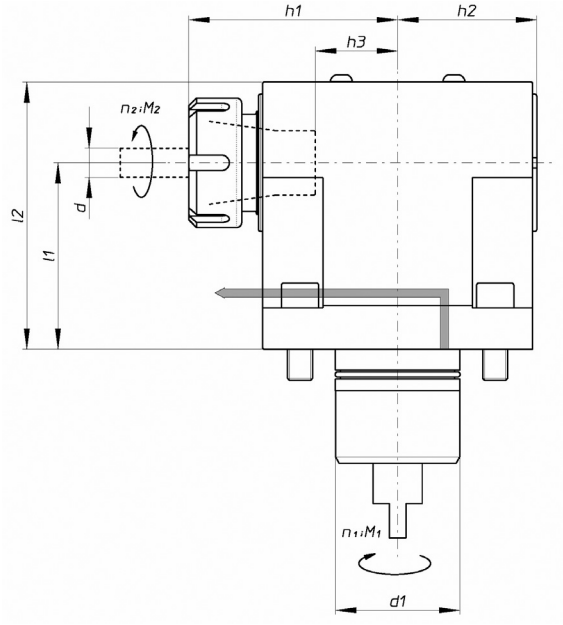
3/G4

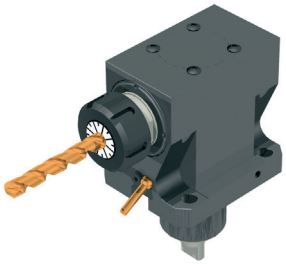
径向
Radial
Radiale
Radial

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1速比
i = n1:n2 = -1 (1:1)





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 40 121UG4	**60**	**40**	90	129		101÷105	67	40		70	6000	10

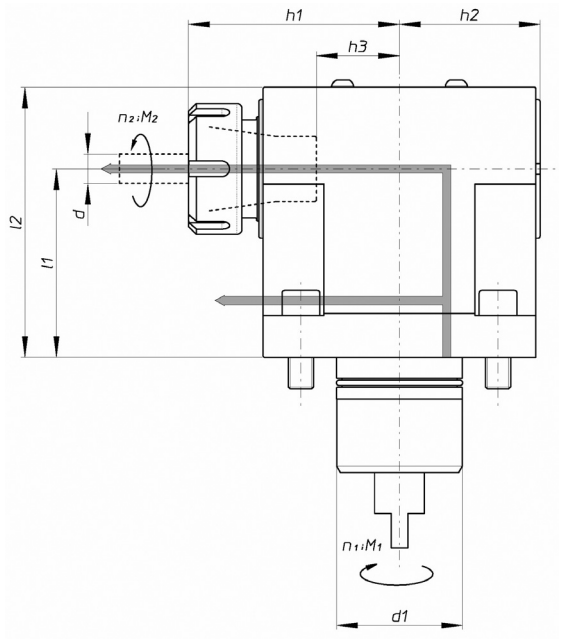
4/G4

径向
Radial
Radiale
Radial

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

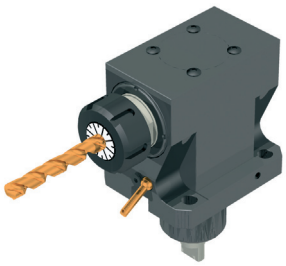
内冷和外冷皆可
External and internal coolant supply
Refrigerazione interna-esterna
Kühlschmierstoffzuführung extern und intern

1:1速比
i = n1:n2 = -1 (1:1)



内外冷却水压力70BAR

70 BAR



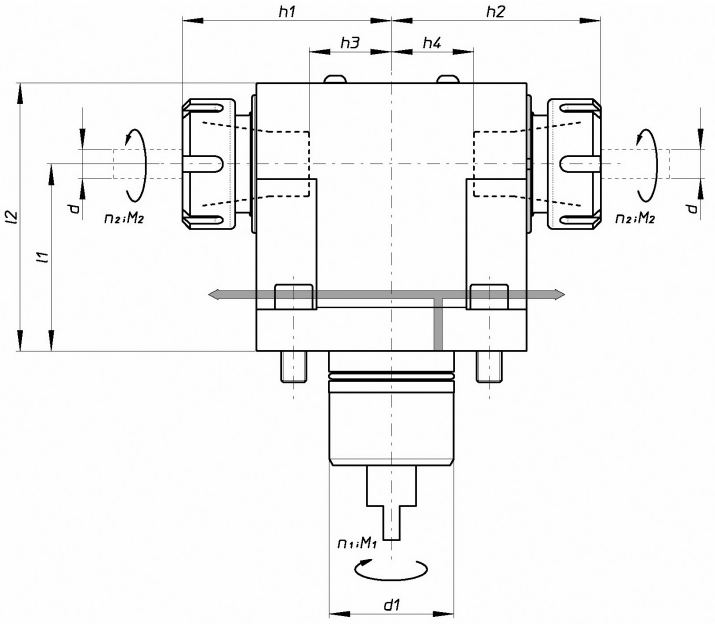
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 40 131UG4	**60**	**40**	90	129		101÷105	67	40		70	6000	10

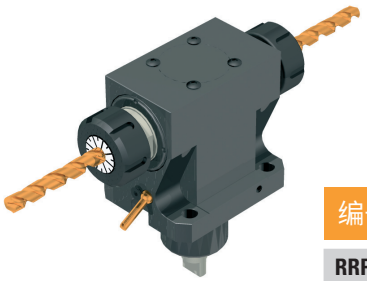
G4

ALGRA
Meccanica di precisione

5/G4

双向动力	90 度筒夹型刀座	可外冷	1:1 速比
Double	Collet chuck	External coolant supply	i = n1:n2 = -1 (1:1)
Doppio	**Portapinza**	**Refrigerazione esterna**	
2 Fach	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPT 40 121UG4	**60**	**40**	90	129		101÷105	101÷105	48	48	70	6000	10

G4

ALGRA
Meccanica di precisione



N1

联接动力轴规格标准

COUPLING - ATTACCO - KUPPLUNG

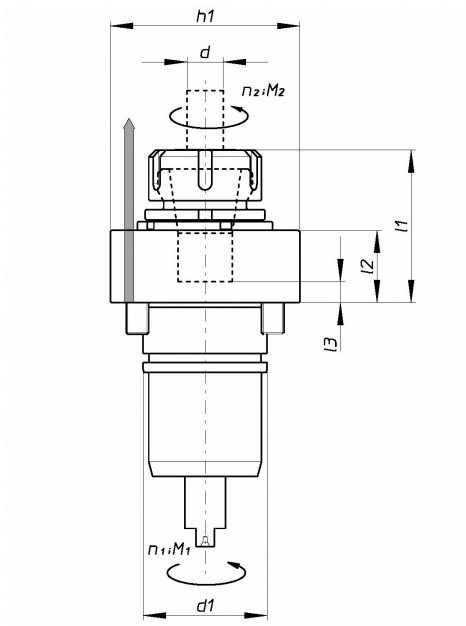
N1 **NAKAMURA**

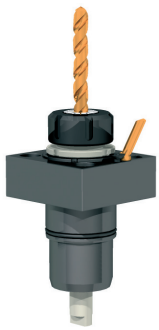
TW 10
WT 150 - WTW 150 - WTS 150 - WT 200 - WT 250
TMC 20II - SUPER NTJ - SUPER NTJX - NTM 3 - SC 250

ALGRA
Meccanica di precisione

1/N1

轴向	0度筒夹型刀座	可外冷	1:1速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

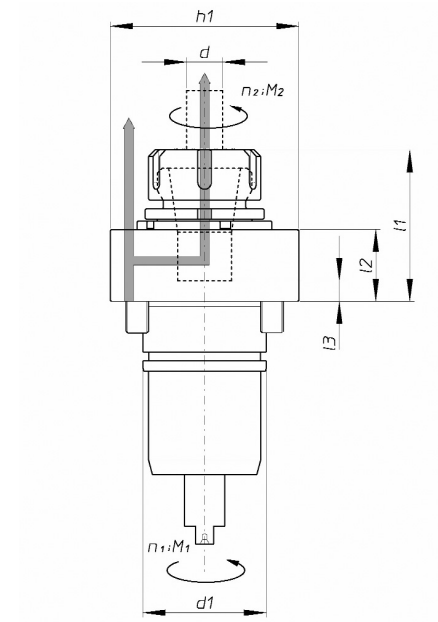




编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 32 121UN1	**55**	**32**	67,5÷72	32	9	74				70	6000	10

2/N1

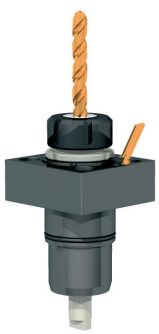
轴向	0度筒夹型刀座	内冷和外冷皆可	1:1速比
Axial	Collet chuck	External and internal coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione interna-esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	



内外冷却水压力70BAR

70 BAR

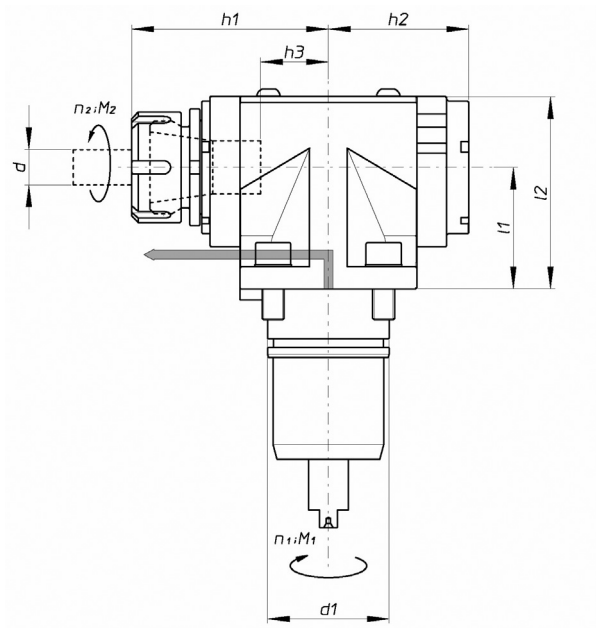
N1

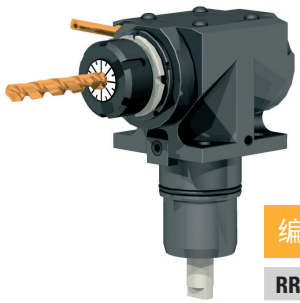


编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 32 131UN1	**55**	**32**	67,5÷72	32	9	79				70	6000	10

3/N1

径向	90 度筒夹型刀座	可外冷	1:1 速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = -1 (1:1)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

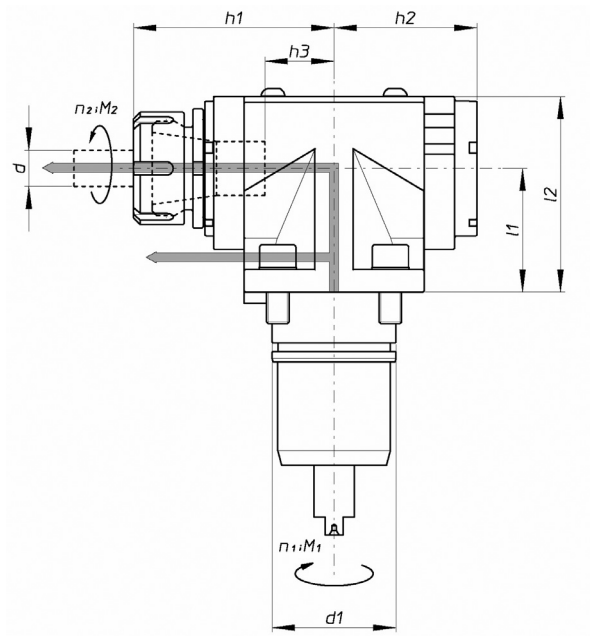




编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 121UN1	**55**	**32**	55	87		89÷93,5	58	31		70	6000	10

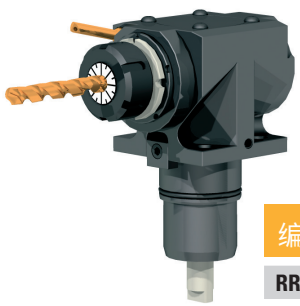
4/N1

径向	90 度筒夹型刀座	内冷和外冷皆可	1:1 速比
Radial	Collet chuck	External and internal coolant supply	i = n1:n2 = -1 (1:1)
Radiale	**Portapinza**	**Refrigerazione interna-esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	



内外冷却水压力 70BAR

70 BAR

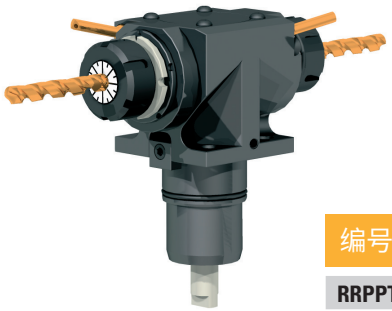


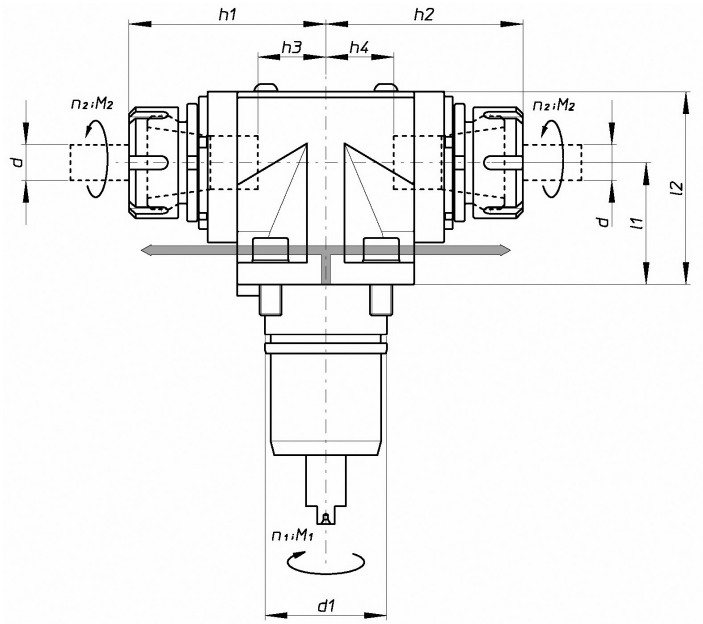
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M2 Nm	n2 min-1	p kw
RRPPS 32 131UN1	**55**	**32**	55	87		89÷93,5	64	31		70	6000	10

ALGRA
Meccanica di precisione

5/N1

双向动力	90 度筒夹型刀座	可外冷	1:1 速比
Double	Collet chuck	External coolant supply	i = n1:n2 = -1 (1:1)
Doppio	**Portapinza**	**Refrigerazione esterna**	
2 Fach	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPT 32 121UN1	**55**	**32**	55	87		89÷93,5	89÷93,5	37	46	70	6000	10

N1

ALGRA
Meccanica di precisione



联接动力轴规格标准

COUPLING - ATTACCO - KUPPLUNG

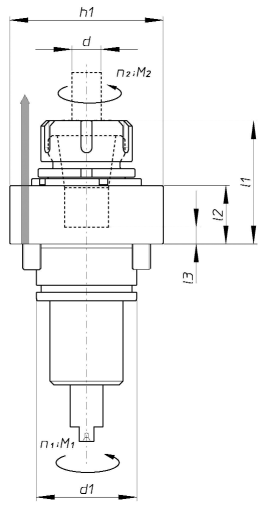
BMT

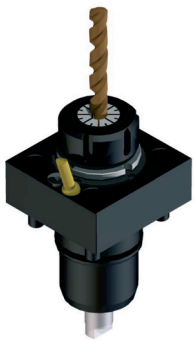
BMT 45
BMT 55
BMT 65
BMT 75
BMT 85

ALGRA
Meccanica di precisione

1/BMT

轴向	0度筒夹型刀座	可外冷	1:1速比
Axial	Collet chuck	External coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

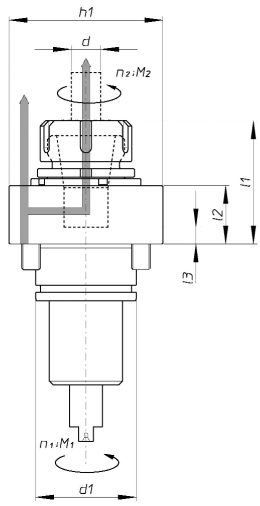




编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 25 121UT45 - BMT45	**45**	**25**	52÷56,5	25	2					35	8000	6
RAPPS 25 121UT55 - BMT55	**55**	**25**	52÷56,5	25	2					40	8000	8
RAPPS 32 121UT65 - BMT65	**65**	**32**	68÷72,5	32	9					70	6000	10
RAPPS 40 121UT75 - BMT75	**75**	**40**	84÷89,5	51	20					100	4000	12
RAPPS 50 121UT85 - BMT85	**85**	**50**	110÷118	60	18					150	3200	15

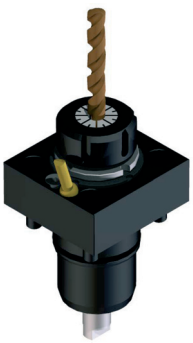
2/BMT

轴向	0度筒夹型刀座	内冷和外冷皆可	1:1速比
Axial	Collet chuck	External and internal coolant supply	i = n1:n2 = +1 (1:1)
Assiale	**Portapinza**	**Refrigerazione interna-esterna**	
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern und intern	



内外冷却水压力70BAR

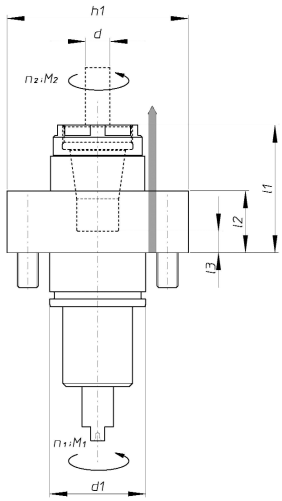
70 BAR



编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 25 131UT45 - BMT45	**45**	**25**	52÷56,5	25	2					35	8000	6
RAPPS 25 131UT55 - BMT55	**55**	**25**	52÷56,5	25	2					40	8000	8
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/BMT

轴向	0度筒夹型刀座	可外冷	1:4增速比
Axial	Collet chuck	External coolant supply	
Radiale	**Portapinza**	**Refrigerazione esterna**	i = n1:n2 = +0,25 (1:4)
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

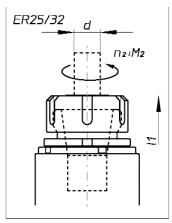




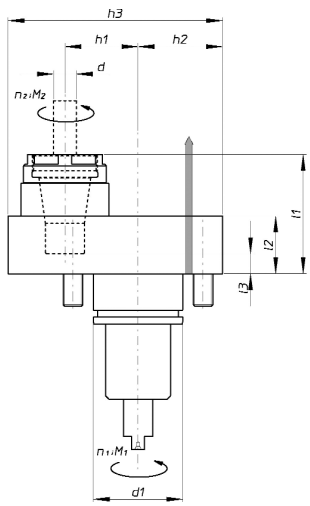
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RAPPS 16 122UT45 - BMT45	**45**	**16**	48	20	16					3	32000	2,5
RAPPS 16 122UT55 - BMT55	**55**	**16**	48	20	16					4	24000	3
RAPPS 25 122UT65 - BMT65	**65**	**25**	81	22	40					8	24000	4
RAPPS 25 122UT75 - BMT75	**75**	**25**	67	35	26					8	24000	4
RAPPS 32 122UT85 - BMT85	**85**	**32**	85	33	37					25	12000	6

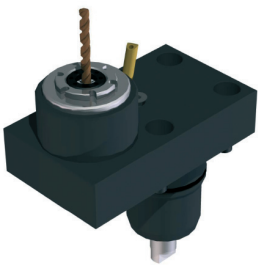
4/BMT

轴向	0度偏置筒夹型刀座	可外冷	1:2增速比
Axial	Collet chuck	External coolant supply	
Radiale	**Portapinza**	**Refrigerazione esterna**	i = n1:n2 = -0,5 (1:2)
Axial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	



ER25/32为外螺帽





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 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÷105	59	53	45	47	122		35	12000	8
RAPPD 25 1222UT75 - BMT75	**75**	**25**	100,5÷105	59	53	45	56	131		35	12000	8
RAPPD 32 1222UT85 - BMT85	**85**	**32**	100,5÷110	47	45	60	62,5	158		75	6000	12

ALGRA
Meccanica di precisione

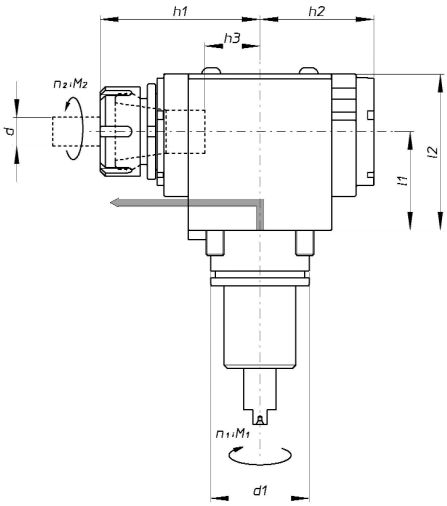
5/BMT

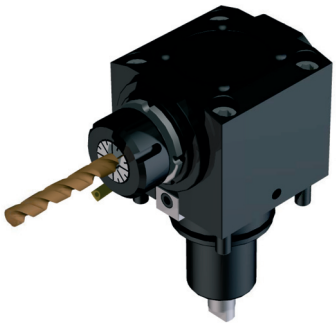
径向
Radial
Radiale
Radial

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1速比
i = n1:n2 = -1 (1:1)





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPS 25 121UT45 - BMT45	**45**	**25**	65	95		80÷84,5	55	29		35	8000	6
RRPPS 25 121UT55 - BMT55	**55**	**25**	60	90		80÷84,5	55	29		40	8000	8
RRPPS 32 121UT65 - BMT65	**65**	**32**	72	107		89÷93,5	57	31		70	6000	10
RRPPS 40 121UT75 - BMT75	**75**	**40**	60	104		107÷111	74	44		100	4000	12
RRPPS 50 121UT85 - BMT85	**85**	**50**	85	137		138÷146	83	46		150	3200	15

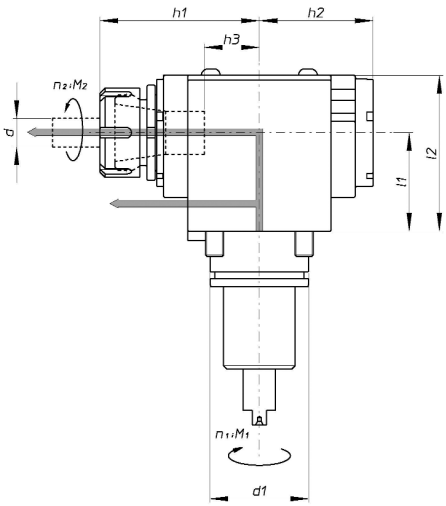
6/BMT

径向
Radial
Radiale
Radial

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

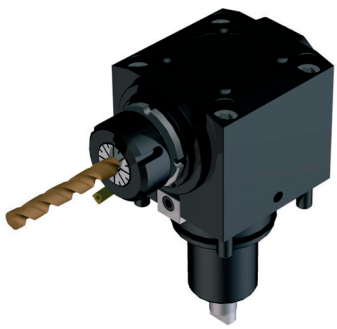
内冷和外冷皆可
External and internal coolant supply
Refrigerazione interna-esterna
Kühlschmierstoffzuführung extern und intern

1:1速比
i = n1:n2 = -1 (1:1)



内外冷却水压力70BAR

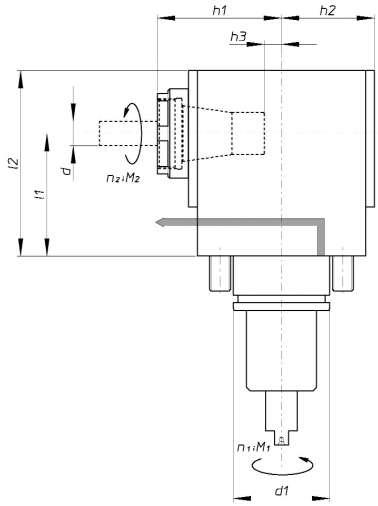
70 BAR

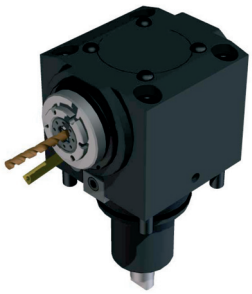


编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPS 25 131UT45 - BMT45	**45**	**25**	65	95		80÷84,5	55	29		35	8000	6
RRPPS 25 131UT55 - BMT55	**55**	**25**	60	90		80÷84,5	55	29		40	8000	8
RRPPS 32 131UT65 - BMT65	**65**	**32**	72	107		89÷93,5	57	31		70	6000	10
RRPPS 40 131UT75 - BMT75	**75**	**40**	60	104		107÷111	74	44		100	4000	12
RRPPS 50 131UT85 - BMT85	**85**	**50**	85	137		138÷146	83	46		150	3200	15

7/BMT

径向	90度筒夹型刀座	可外冷	1:4增速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = +0,25 (1:4)
Radiale	**Portapinza**	**Refrigerazione esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	

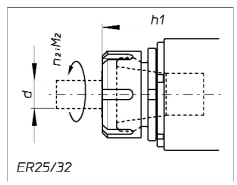




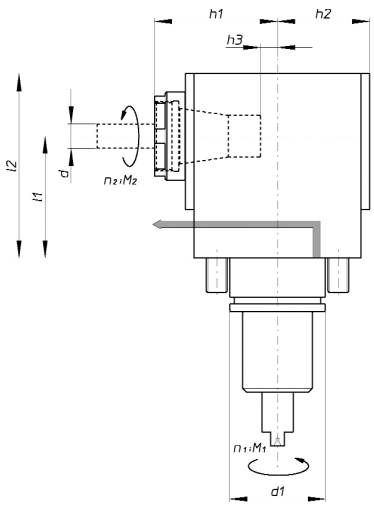
编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 min-1	p kw
RRPPS 16 122UT45 - BMT45	**45**	**16**	65	95		59	68	32		3	32000	2,5
RRPPS 16 122UT55 - BMT55	**55**	**16**	60	90		72	68	40		4	24000	3
RRPPS 25 122UT65 - BMT65	**65**	**25**	72	107		77	65	36		8	24000	4
RRPPS 25 122UT75 - BMT75	**75**	**25**	60	104		77	74	36		8	24000	4
RRPPS 32 122UT85 - BMT85	**85**	**32**	85	137		127	83	79		25	12000	6

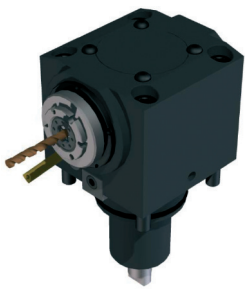
8/BMT

径向	90 度筒夹型刀座	可外冷	1:2增速比
Radial	Collet chuck	External coolant supply	i = n1:n2 = +0,5 (1:2)
Radiale	**Portapinza**	**Refrigerazione interna-esterna**	
Radial	Spannzangeaufnahme	Kühlschmierstoffzuführung extern	



ER25/32为外螺帽





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 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

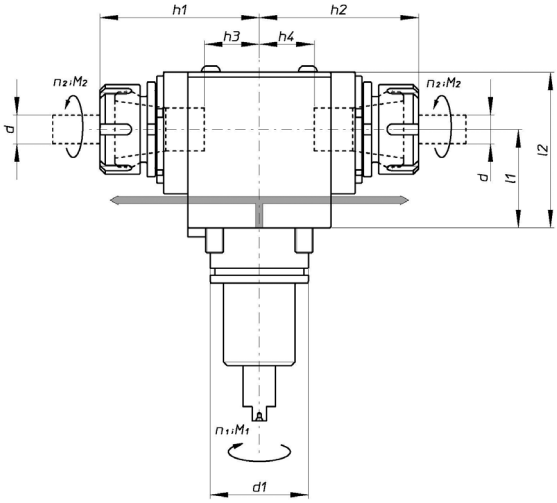
9/BMT

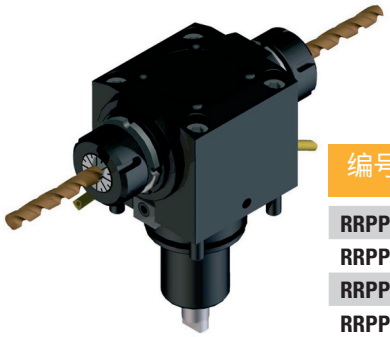
双向动力
Double
Doppio
2 Fach

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:1速比
i = n1:n2 = -1 (1:1)





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M² Nm	n2 min-1	p kw
RRPPT 25 121UT85 - BMT45	**45**	**25**	65	95		80÷84,5	80÷84,5	40	40	35	8000	6
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

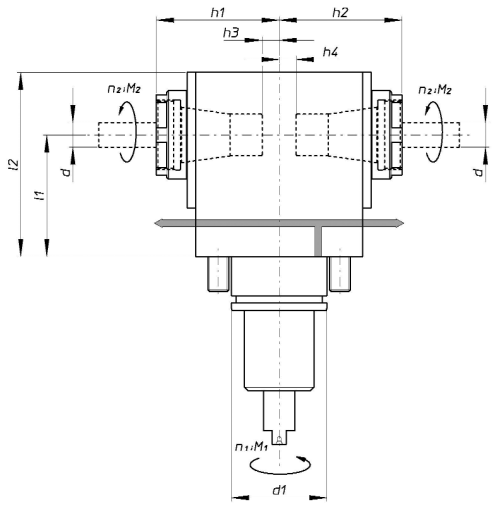
10/BMT

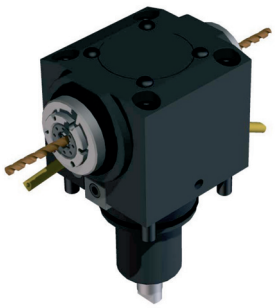
双向动力
Double
Doppio
2 Fach

90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:4增速比
i = n1:n2 = +0,25 (1:4)





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M² Nm	n2 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	8	24000	4		
RRPPT 25 122UT75 - BMT75	**75**	**25**	60	104		77	77	36	36	8	24000	4		

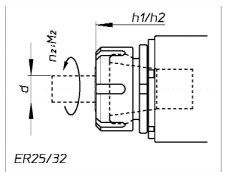
11/BMT

双向动力
Double
Doppio
2 Fach

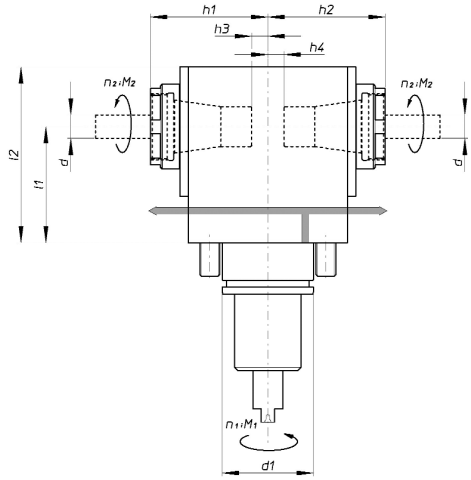
90度筒夹型刀座
Collet chuck
Portapinza
Spannzangeaufnahme

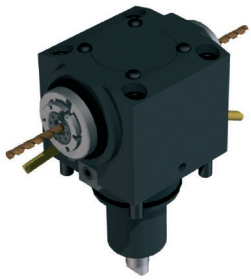
可外冷
External coolant supply
Refrigerazione esterna
Kühlschmierstoffzuführung extern

1:2增速比
i = n1:n2 = +0,5 (1:2)



ER25/32为外螺帽





编号 code	d1	ER	l1	l2	l3	h1	h2	h3	h4	M 2 Nm	n2 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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12/BMT

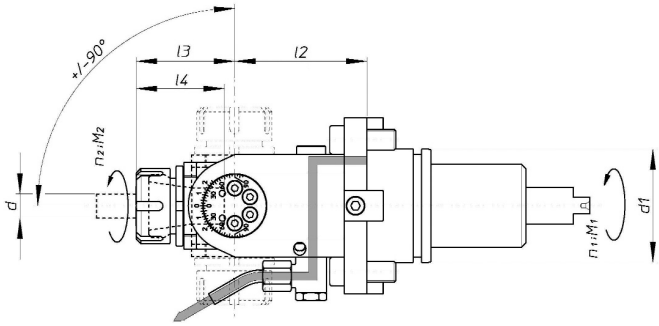
角度可调 Angle adjustable **Orientabile** winkeleinstellbar

筒夹型刀座 Collet chuck **Portapinza** Spannzangeaufnahme

可外冷 External coolant supply **Refrigerazione esterna** Kühlschmierstoffzuführung extern

1:1速比

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





编号 code	d1	ER	l1	l2	l3	l4	h1	h2	h3	h4	M 2 Nm	n2 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

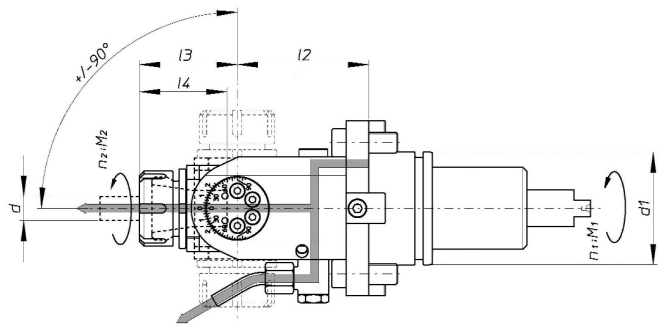
角度可调 Angle adjustable **Orientabile** winkeleinstellbar

筒夹型刀座 Collet chuck **Portapinza** Spannzangeaufnahme

内冷和外冷皆可 External and internal coolant supply **Refrigerazione interna-esterna** Kühlschmierstoffzuführung extern und intern

1:1速比

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



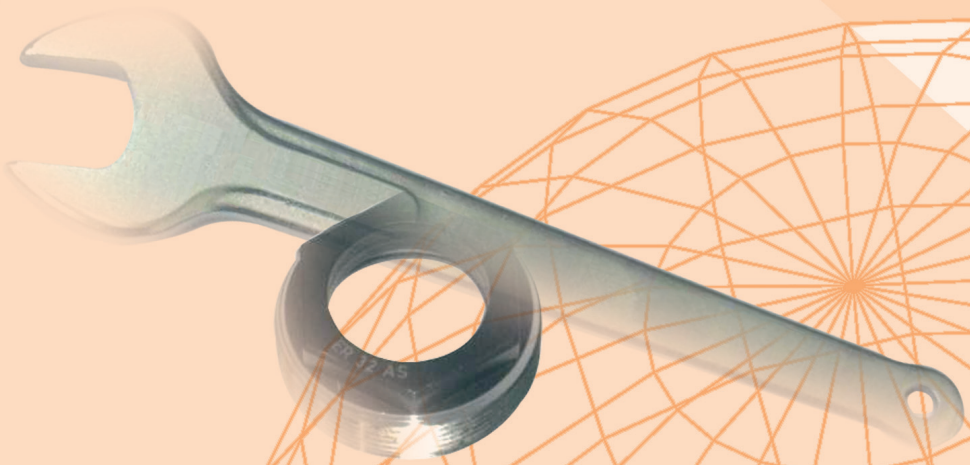
内外冷却水压力70BAR

70 BAR



编号 code	d1	ER	l1	l2	l3	l4	h1	h2	h3	h4	M 2 Nm	n2 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



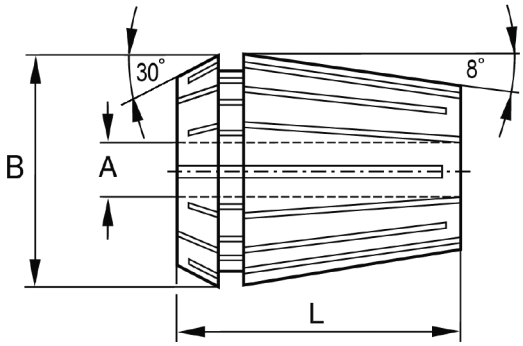
刀座附件选型

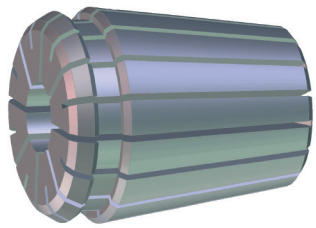
COMPONENTS - ACCESSORI - ZUBEHÖR

A ACCESSORI

ACCESSORI

精密弹簧筒夹 DIN 6499/B,ER/EX
precision autoextractable collets to din 6499/b, type er/ex
Pinze di precisione autoestraibili secondo din 6499/b, tipo er/ex
ausziehbare präzisionspannzangen nach din 6499/b, typ er/ex





编号code	A	B mm	L mm	说明 notes
E4-1 16/*	1÷10	17	**27**	A尺寸3毫米以下为每0.5毫米增加一规格,3毫米以上为每3毫米增加一规格 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. 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. Ø A steigt 0,5 mm für Ø A von 1 bis 3 mm. Er steigt 1 mm für A über 3 mm. Die Klemmungsfähigkeit enspricht der Zunahme.
E4-1 20/*	1÷13	21	**31**	
E4-1 25/*	1÷16	26	**35**	
E4-1 32/*	2,5÷20	33	**40**	
E4-1 40/*	3÷26	41		A尺寸为每3毫米增加一规格 Ø A increases 1 mm every time. Clamping capacity corresponds to diameter increase. Ø A aumenta 1 mm per volta. La capacità di serraggio è pari all'incremento. Ø A steigt von 1 mm jedesmal. Die Klemmungsfähigkeit entspricht der Zunahme.

N.B.: 订货时请注明编号和型号，例如：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 20/1,5Im
Bestellfalle Code und Ø A(*) angeben z.B.: E4-1 20/1,5

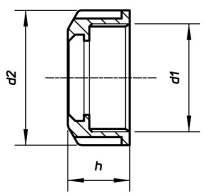
扳手
driven tool lock wrench
Chiave per bloccaggio portautensile rotante
Schlüssel für Spindelkopfblockierung

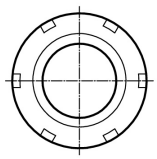


编号code	
RE20 RZ	40÷42
RE25 RZ	45÷50
RE32 RZ	52÷55
RE40 RZ	60÷65
RE50 RZ	75÷80

标准ER外螺帽
nut type mini
Ghiera mini
Nutmutter Mini







编号code				
RG16 QZ	M22X1,5	32	17,5	**16**
RG20 QZ	M25X1,5	35	19	**20**
RG25 QZ	M32X1,5	42	20	**25**
RG32 QZ	M40X1,5	50	23	**32**
RG40 QZ	M50X1,5	63	25	**40**
RG50 QZ	M64X2,0	78	35,5	**50**

标准ER外螺帽扳手
wrench for nut type mini
Chiave per ghiera mini
Schlüssel für Nutmutter Mini

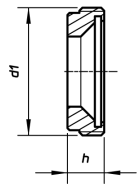


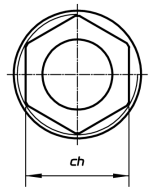
编号code
RE16 QZ
RE20 QZ
RE25 QZ
RE32 QZ
RE40 QZ
RE50 QZ

外六角内螺帽
hexagonal nut
Ghiera esagonale
hexagonale Nutmutter

外六角螺帽扳手
wrench for hexagonal nut
Chiave per ghiera esagonale
Schlüssel für hexagonale Nutmutter









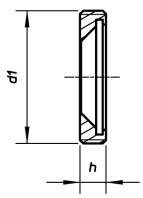
编号code	d1	h	ER	
RG20 CZ	M28X1,5	14	22	**20**
RG25 CZ	M32X1,5	14	27	**25**
RG32 CZ	M40X1,5	17,5	32	**32**

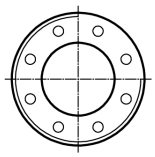
编号code
RE20 DZ
RE25 DZ
RE32 DZ

八孔型内螺帽
nut with frontal holes
Ghiera con fori frontali
Nutmutter mit frontalen Bohrungen

八孔型内螺帽扳手
wrench for nut with frontal holes
Chiave per ghiera con fori frontali
Schlüssel für Nutmutter mit frontalen Bohrungen









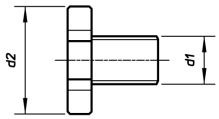
编号code	d1	h	ER	
RG20 GZ	M28X1,5	11	**20**	
RG25 GZ	M32X1,5	12	**25**	
RG32 GZ	M40X1,5	14	**32**	

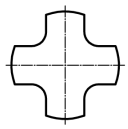
编号code
RE20 HZ
RE25 HZ
RE32 HZ

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面铣刀用螺母 DIN6367 标准
lock screw DIN6367
Vite di chiusura DIN6367
Arretierschraube DIN6367







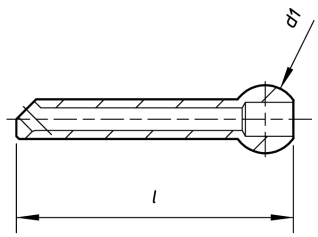
面铣刀用螺母扳手
wrench for lock screw DIN6367
Chiave per vite di chiusura DIN6367
Schlüssel für Arretierschraube DIN6367



编号 code	d1	d2
RG16 XZ	M8	20
RG22 XZ	M10	28
RG27 XZ	M12	35

编号 code
RE16 XZ
RE22 XZ
RE27 XZ

冷却喷嘴延长管
cooling nozzle extensions
Ugello di refrigerazione
Verlängerungen



编号 code	d1	l
RZ12-49	12	49
RZ12-38	12	38
RZ12-18	12	18



Edizione 2009 - Rev. 00

UNI EN ISO 9001:2000 - Cert. n°0141 UNI EN ISO 14001:2004 - Cert. n°0270A

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Meccanica di precisione

上 海 罗 拓 自 动 化 技 术 有 限 公 司

邮编：201100
传真：021-64121797
电话：021-64120150

网址：www.algra.cn
邮箱：13818211527@163.com
地址：上海市闵行区庙泾路52弄49号301室