ATTREZZATURE EQUIPMENTS ZUBEHÖR ATTREZZATURE EQUIPMENTS ZUBEHÖR

RINALDI

ALLUMINIO
ALUMINIUM
ALUMINIUM

FRESATURA LEGNO
MILLING CUTTERS FOR WOOD
FRÄSWERKZEUGE FÜR HOLZ

TORNERIA LEGNO
WOOD TURNING TOOLS
WERKZEUGE FÜR DREHMASCHINEN

MATERIE PLASTICHE
PLASTIC MATERIALS
KUNSTSTOFFE

MATERIALI COMPOSITI
COMPOSITE MATERIALS
VERBUNDWERKSTOFFE

ATTREZZATURE
EQUIPMENTS
ZUBEHÖR

SPECIALI
SPECIAL
SPEZIALWERKZEUGE

RINALDI
UTENSILI DA TAGLIO - CUTTING TOOLS

Rinaldi, qualità e innovazione da oltre 40 anni.

Rinaldi, quality and innovation for over 40 years.

Rinaldi, Qualität und Innovation seit über 40 Jahren.

Storia dell'azienda

La Rinaldi Srl nasce nel 1971 grazie al fondatore Enzo, che inizia l'attività producendo utensili per il legno. Gli ottimi risultati ottenuti permettono d'inserire nella produzione attrezzature per la lavorazione di altri materiali. Negli anni '90 si uniscono i figli, che guidati dall'intraprendenza del padre portano la Rinaldi Srl ad essere un produttore mondiale nel campo dell'utensileria da taglio quali frese, punte, utensili sagomati, sgorbie. L'azienda ha una storia di oltre 40 anni grazie ai continui investimenti nella ricerca e all'uso di materiali di qualità.

History of the company

Rinaldi srl was established in 1971 by the founder Enzo Rinaldi, first starting with the production of woodworking tools. After obtaining excellent initial results, we were able to invest further in new equipment, allowing us to manufacture in new materials. In the 1990s Enzo's sons joined the company and continued with their father's enterprising spirit bringing Rinaldi srl to the fore as a worldwide producer in the field of cutting tools i.e. spiral milling cutters, drills, profile tools, lathe tools, gouges.

Geschichte des Unternehmens

Die Firma Rinaldi Srl wurde im Jahr 1971 von Enzo Rinaldi gegründet, der mit der Herstellung von Holzbearbeitungswerkzeugen begann. Die hervorragenden Bearbeitungsergebnisse, die hier erzielt werden konnten, erlaubten auch die Herstellung von Werkzeugen für die Bearbeitung von anderen Materialien. In den 90er Jahren vereinigen sich die Söhne, die, getrieben von dem großen Unternehmungsgeist des Vaters, die Firma Rinaldi unter die Weltmarktführer in der Herstellung von Schneidwerkzeugen, wie Fräser, Bohrer, profilierten Drehstählen und Hohleisen brachten. Die Firma blickt nun auf eine über 40jährige Geschichte zurück, dank der ständigen Investitionen in die Forschung und die Verwendung von qualitativ besten Materialien.

Dasa-Rägister

EN ISO 9001:2015

IQ-1003-10

Cosa facciamo

La Rinaldi Srl fornisce in Italia e nel mondo utensili per la lavorazione di legno, metallo, plastiche, materiali compositi e attrezzature per lavorazioni speciali. La continua ricerca tecnologica e l'utilizzo di metalli duri ed acciaio delle nuove generazioni produttive, realizzati secondo le norme DIN/ISO 9001, permettono l'applicazione di nuove geometrie di taglio, ottima qualità del prodotto, affidabilità e costanza nel tempo. La Rinaldi Srl offre un accurato supporto tecnico, grazie all'esperienza provata del team di tecnici e al parco macchine di ultima generazione.

What we do

Rinaldi srl originally supplying with in Italy now expedite tools throughout the world. We manufacture tools for wood, metal, plastic, composite materials and equipment for special processes. Constant technological research and utilization of hard metal and steel for the new production generation, allow the application of new cutting geometries together with an excellent quality product, reliability and consistency over time. Manufactured according to DIN/ISO 9001 standards. Thanks to our valued team of highly experienced technicians and machines of the latest generation Rinaldi srl are able to provide technical support.

Was machen wir

Die Firma Rinaldi srl liefert in Italien und auf der ganzen Welt Werkzeuge für die Bearbeitung von Holz, Plastik, Kompositmaterialien, sowie Ausrüstungen für spezielle Bearbeitungen. Die ständige technologische Forschung und die Verwendung von Hartmetall und Stahl der jeweils neuesten Sorten, ausgeführt nach den Normen DIN/ISO 9001, erlauben die Anwendung von neuen Schneidgeometrien, verbunden mit bester Qualität, Zuverlässigkeit und Standzeit. Rinaldi srl bietet technischen Support dank der großen Erfahrung eines kompetenten Teams von Technikern und einen Maschinenpark der neuesten Generation.

Flow produttivo

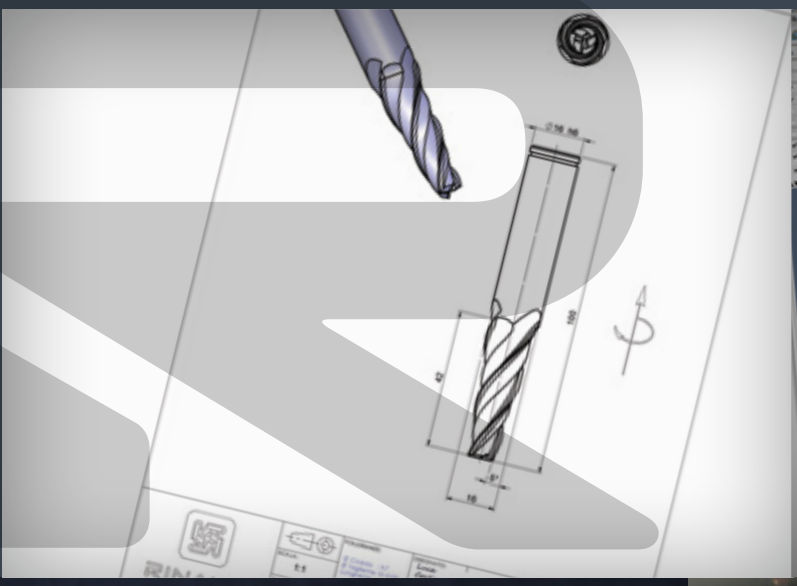
Rinaldi è in grado di produrre grandi quantità di pezzi o anche un singolo utensile speciale. Grazie al costante rinnovamento dei macchinari di produzione e di controllo, è in grado di soddisfare al meglio le richieste del cliente dalla progettazione dell'utensile tramite sistema CAD alla realizzazione dello stesso su affilatrici Walter di ultima generazione. Accurati controlli in fase di lavorazione, anch'essi effettuati tramite macchinari Walter, permettono di ottenere ottime geometrie di taglio e precisione nei profili garantendo per ogni utensile il massimo rendimento. Tutte le fasi di progettazione, costruzione e controllo dell'utensile vengono eseguite in conformità alle norme UNI EN ISO 9001.

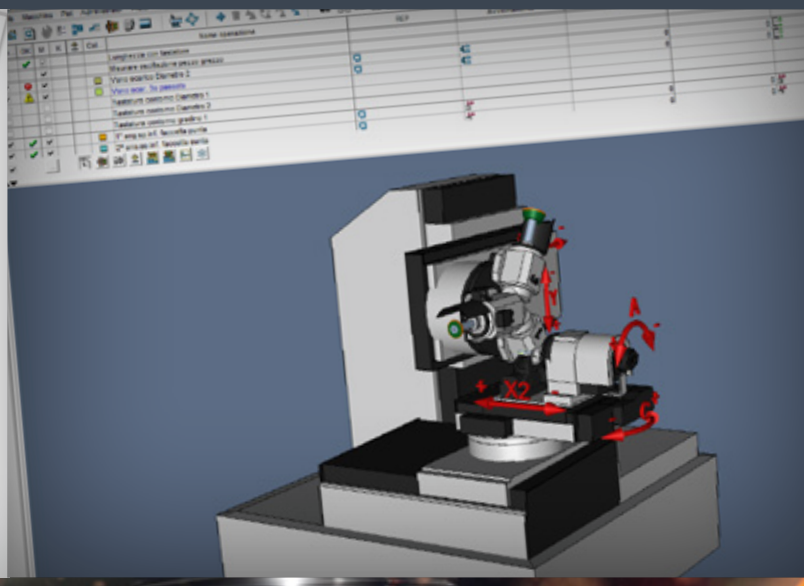
Production flow

Rinaldi is able to produce large volume or single special tools. Thanks to the constant renewal of production and inspection machines, we are able to satisfy our customer's requests, from drawing of the tool through CAD system to its production with the latest specification CNC Walter grinding machines. Careful checks during production are finalised using Walter machines, allowing us to achieve excellent cutting geometries and very precise profiles ensuring for each tool the best possible performance. All steps starting from the project through to manufacture and inspection, completed in accordance with UNI EN ISO 9001.

Produktionsfluss

Die Firma Rinaldi ist in der Lage große Mengen oder auch nur eine einzelnes Werkzeug zu produzieren. Aufgrund der ständigen Erneuerung der Produktions-und Prüfmaschinen kann jeder Kundenwunsch erfüllt werden, von der Planung des Werkzeuges im CAD-System, bis zur Herstellung durch die neuesten CNC Walter Schleifmaschinen. Sorgfältige Kontrollen während des Produktionprozesses, auch durch Walter Messmaschinen permanent durchgeführt, erlauben perfekte Schneidgeometrien und präzise Profile und garantieren für jeden Werkzeug die höchste Leistung. Alle Planungs-, Herstellungs- und Kontrollphasen werden gemäß UNI EN ISO 9001 ausgeführt.



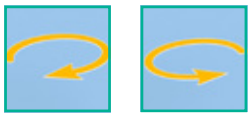


AMF

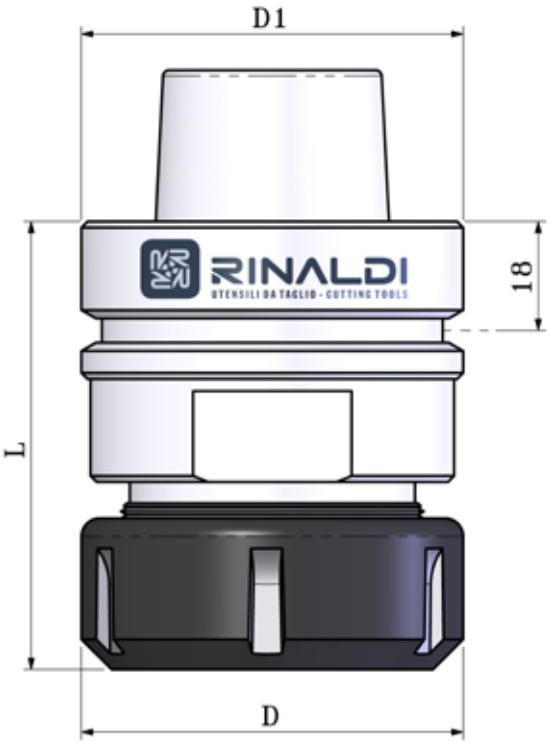
Portautensili cono HSK tipo “F”

Collet chucks HSK type “F”

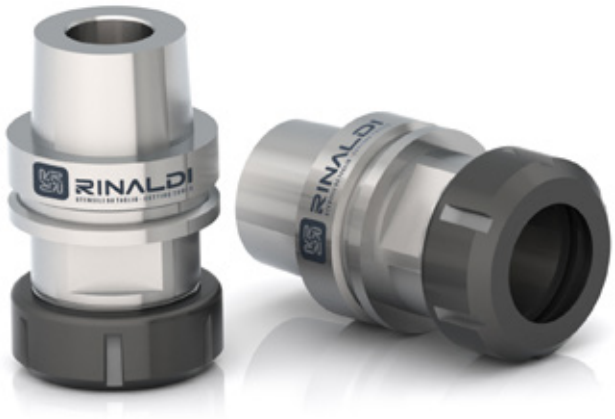
Spannzangenfutter HSK Typ “F”



CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AMF-7550D	75	50	63	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	HSK-63-F
AMF-7550S	75	50	63	LH	ø2..ø20 (art. PER32 ER32)	art. GER32S ER32	HSK-63-F
AMF-7650C	76	50	63	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	HSK-63-F
AMF-7563D	75	63	63	RH	ø2..ø30 (art. PER40 ER40)	art. GER40D ER40	HSK-63-F
AMF-7563S	75	63	63	LH	ø2..ø30 (art. PER40 ER40)	art. GER40S ER40	HSK-63-F
AMF-7863C	78	63	63	RH	ø2..ø30 (art. PER40 ER40)	art. GER40CU (cuscinetto) ER40	HSK-63-F
AMF-7860D	78	60	63	RH	ø3..ø26 (art. POC25 EOC25)	art. GEOC25D EOC25	HSK-63-F
AMF-7860C	78	60	63	RH	ø3..ø26 (art. POC25 EOC25)	art. GEOC25CU (cuscinetto) EOC25	HSK-63-F



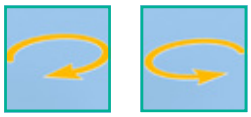
AME



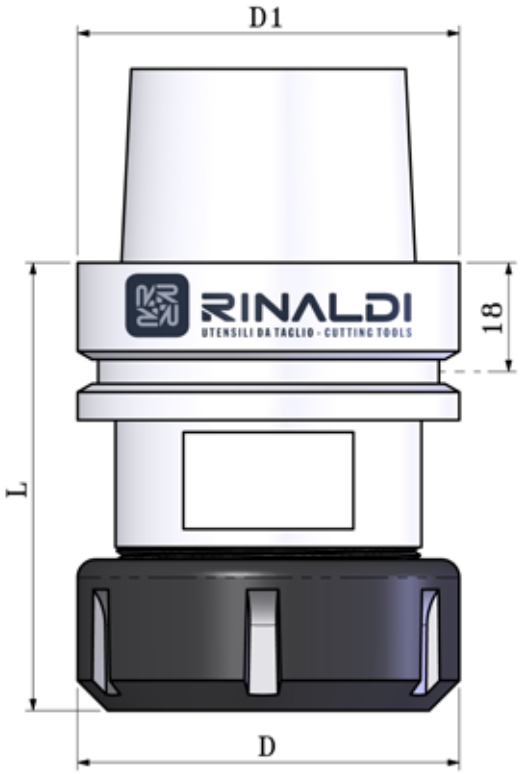
Portautensili cono HSK tipo “E”

Collet chucks HSK type “E”

Spannzangenfutter HSK Typ “E”



CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AME-7650D	76	50	63	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	HSK-63-E
AME-7663D	76	63	63	RH	ø2..ø30 (art. PER40 ER40)	art. GER40D ER40	HSK-63-E



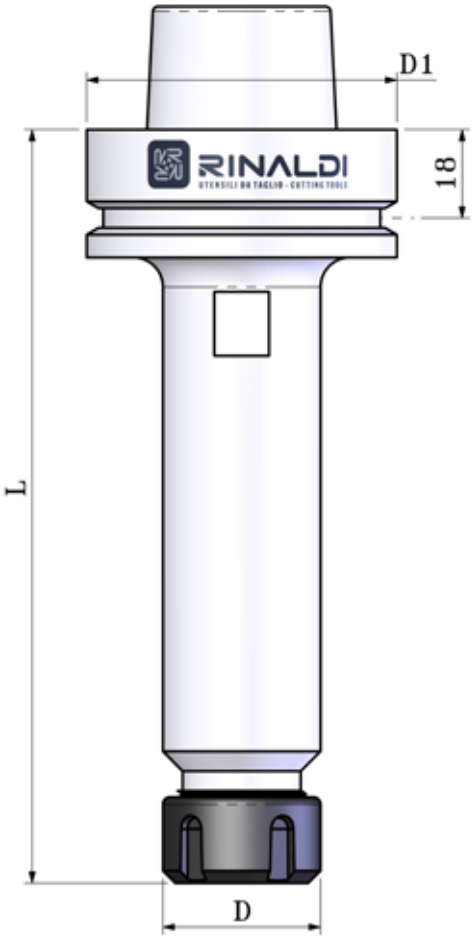
APF

Portautensili cono HSK tipo “F” ER16 G2.5 36.000 g/min

Collet chucks HSK type “F” ER16-G2.5 36.000 g/min

Spannzangenfutter HSK Typ “F” ER16-G2.5 36.000 g/min

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
APF-15032	150	32	63	RH	ø2..ø10 (art. PER16 ER16)	art. GER16 ER16	HSK-63-F



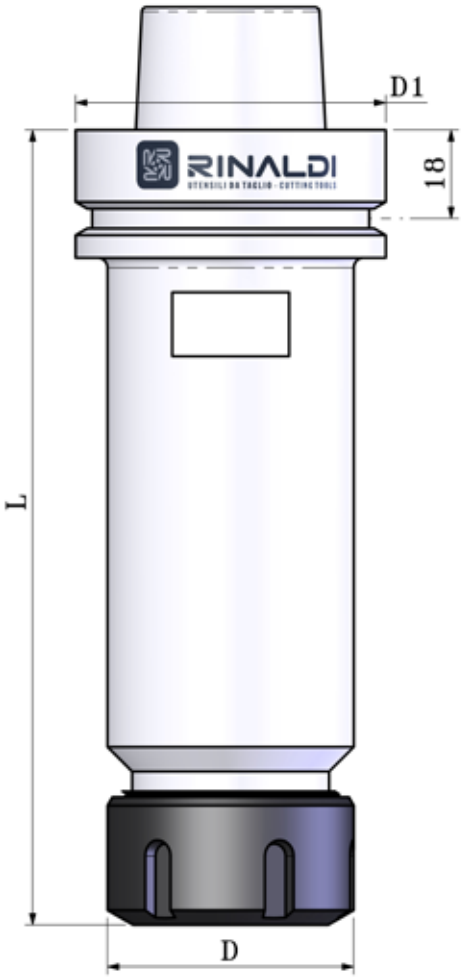
APF

Portautensili cono HSK tipo “F” ER32 G2.5 36.000 g/min

Collet chucks HSK type “F” ER32-G2.5 36.000 g/min

Spannzangenfutter HSK Typ “F” ER32-G2.5 36.000 g/min

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
APF-12550	125	50	63	RH	ø2..ø20 (art. PER32 ER32)	art. GER32 ER32	HSK-63-F
APF-18050	180	50	63	RH	ø2..ø20 (art. PER32 ER32)	art. GER32 ER32	HSK-63-F



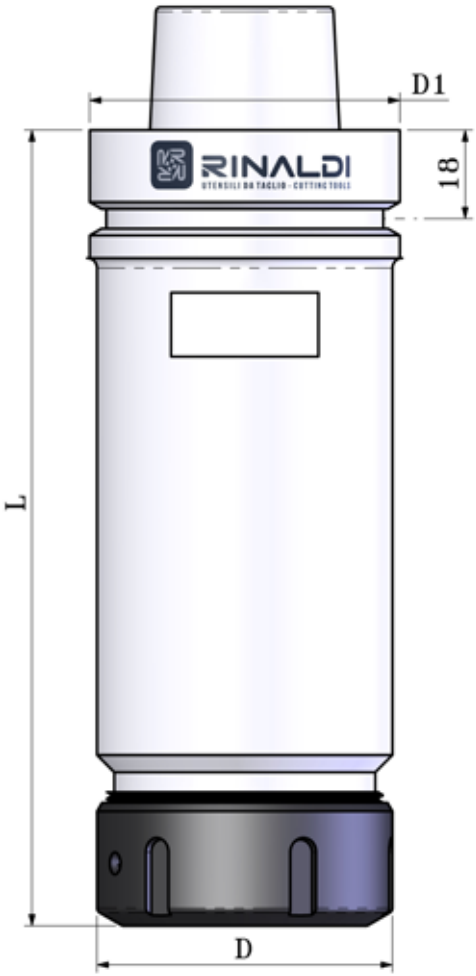
APF

Portautensili cono HSK tipo “F” EOC25 G2.5 36.000 g/min

Collet chucks HSK type “F” EOC25-G2.5 36.000 g/min

Spannzangenfutter HSK Typ “F” EOC25-G2.5 36.000 g/min

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
APF-11560	115	60	63	RH	ø3..ø26 (art. POC25 EOC25)	art. GEOC25 EOC25	HSK-63-F
APF-20060	200	60	63	RH	ø3..ø26 (art. POC25 EOC25)	art. GEOC25 EOC25	HSK-63-F



AIS

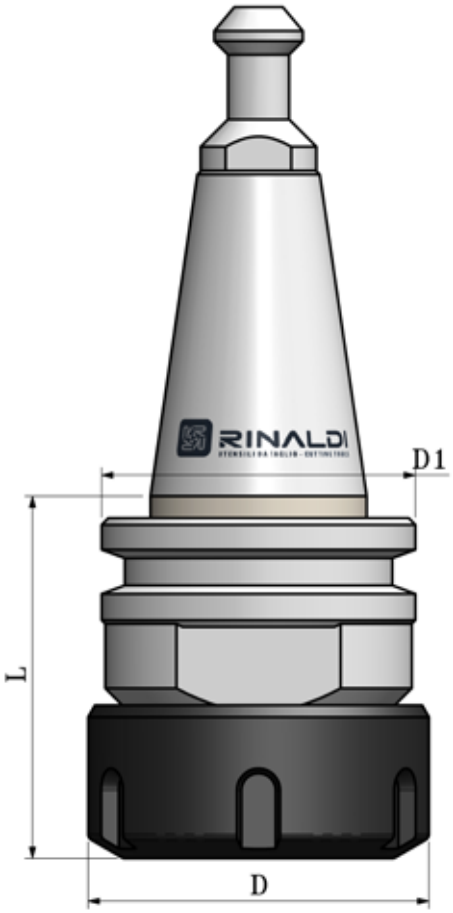
Portautensili cono ISO-30

Collet chucks ISO-30

Spannzangenfutter ISO-30

TIRANTE : ALBERTI - VITAP - MASTERWOOD (Motori G.Colombo) art. TIR-D-1224

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AIS-A-6850D	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	ISO-30
AIS-A-6850C	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	ISO-30
AIS-A-6863D	68	63	50	RH	ø2..ø30 (art. PER40 ER40)	art. GER40D ER40	ISO-30
AIS-A-6863C	68	63	50	RH	ø2..ø30 (art. PER40 ER40)	art. GER40CU (cuscinetto) ER40	ISO-30



TIRANTE : BUSELLATO-WEEKE- IMA - BULLERI - MAKA - COSMEC - REINCHENBACHER art. TIR-B-1224

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AIS-W-6850D	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	ISO-30
AIS-W-6850C	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	ISO-30

AIS

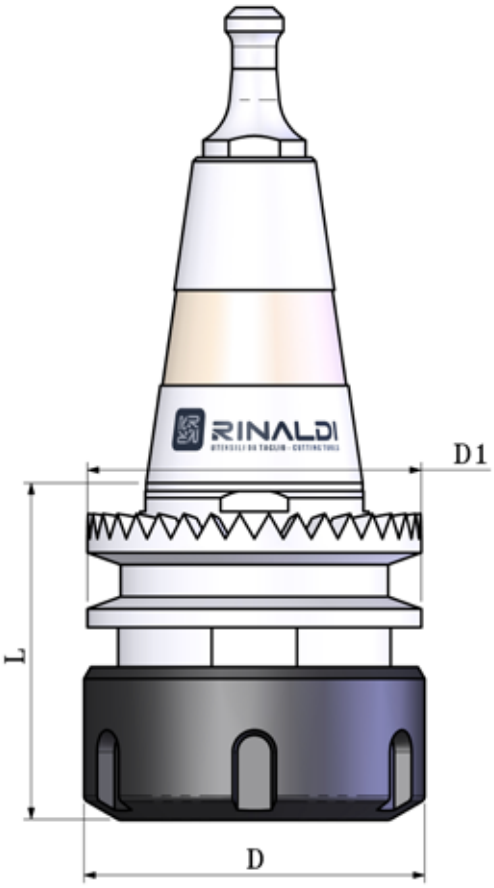
Portautensili cono ISO-30 con flangia dentata

Collet chucks ISO-30 with serration

Spannzangenfutter ISO-30 mit Verzahnung

TIRANTE : MORBIDELLI - SCM art. TIR-A-1022

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AIS-M-5550D	55	50	49	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	ISO-30
AIS-M-5550C	55	50	49	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	ISO-30

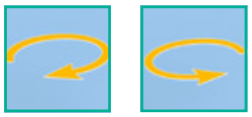


AIS

Portautensili cono ISO-30

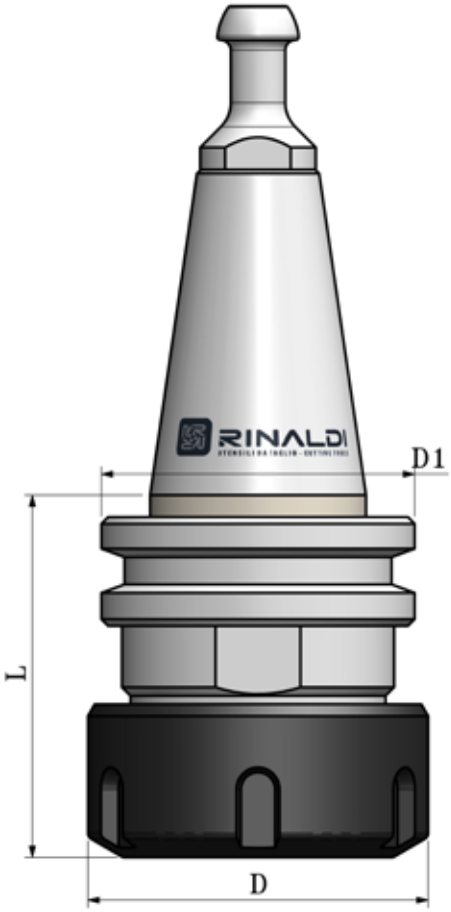
Collet chucks ISO-30

Spannzangenfutter ISO-30



TIRANTE : BIESSE (dopo il 09/09/92) - MASTERWOOD - BULLERI (motori H.S.D.) art. TIR-C-1224

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AIS-B-5050D	50	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	ISO-30
AIS-B-5050S	50	50	50	LH	ø2..ø20 (art. PER32 ER32)	art. GER32S ER32	ISO-30
AIS-B-5050C	50	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	ISO-30
AIS-B-6063D	60	63	50	RH	ø2..ø30 (art. PER40 ER40)	art. GER40D ER40	ISO-30
AIS-B-6063S	60	63	50	LH	ø2..ø30 (art. PER40 ER40)	art. GER40S ER40	ISO-30
AIS-B-6063C	60	63	50	RH	ø2..ø30 (art. PER40 ER40)	art. GER40CU (cuscinetto) ER40	ISO-30



AIS

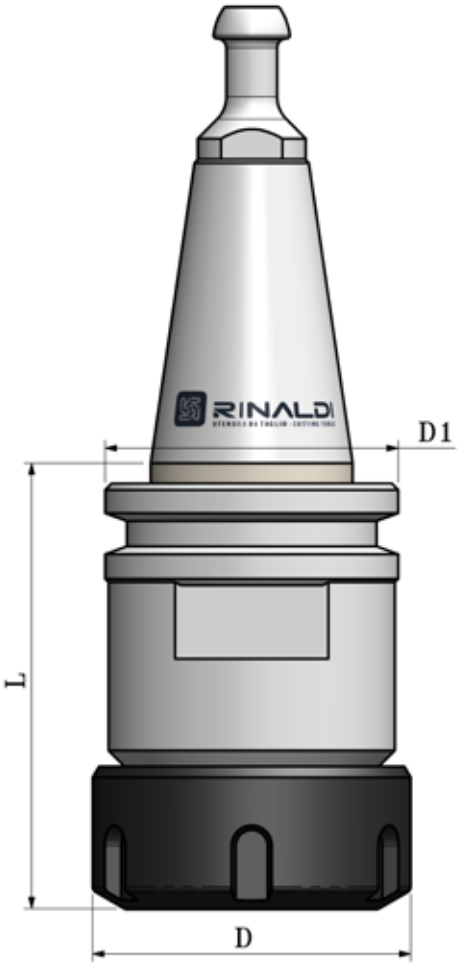
Portautensili cono ISO-30 tipo prolungato

Collet chucks ISO-30 long execution

Spannzangenfutter ISO-30 lange Ausführung

TIRANTE : BIESSE (dopo il 09/09/92) - MASTERWOOD - BULLERI (motori H.S.D.) art. TIR-C-1224

CODICE	L	D	D1	Rot	Pinze	Ghiera	CONO
AIS-P-6850D	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32D ER32	ISO-30
AIS-P-6850C	68	50	50	RH	ø2..ø20 (art. PER32 ER32)	art. GER32CU (cuscinetto) ER32	ISO-30

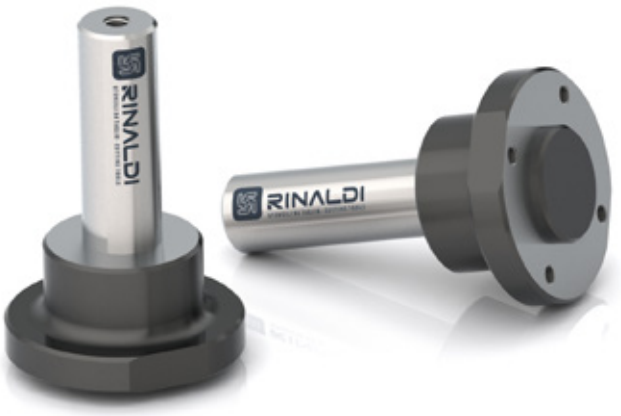


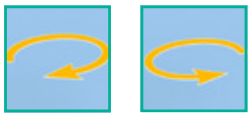
AAS

Adattatore per seghe circolari

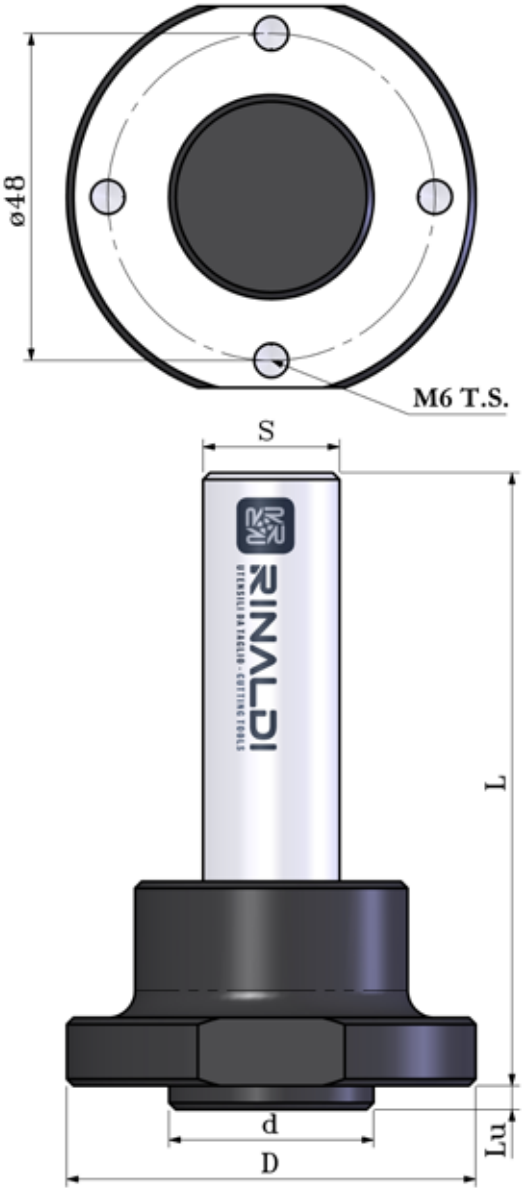
Adaptors for circular sawblades

Aufnahme für Sägeblätter



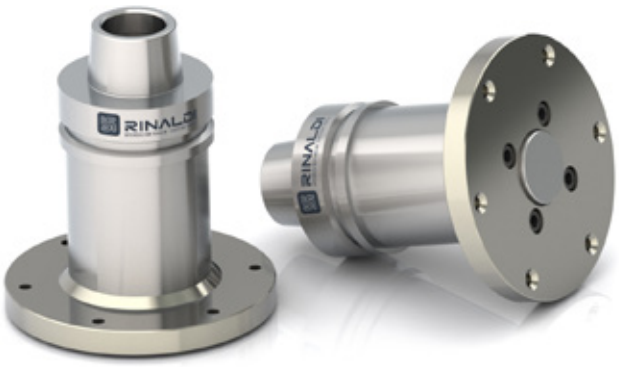


CODICE	D	d	Lu	S	L
AAS-603090	60	30	3.5	20x60	90



Si consiglia l'utilizzo con seghe circolari di ø compreso fra 150 e 200 mm
Recommended for sawblades with diameter between 150 and 200mm
Geeignet für Sägeblätter mit Durchmesser zwischen 150 und 200 mm

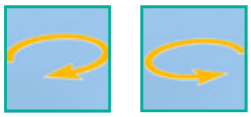
AAS



Adattatore per seghe circolari HSK tipo “F”

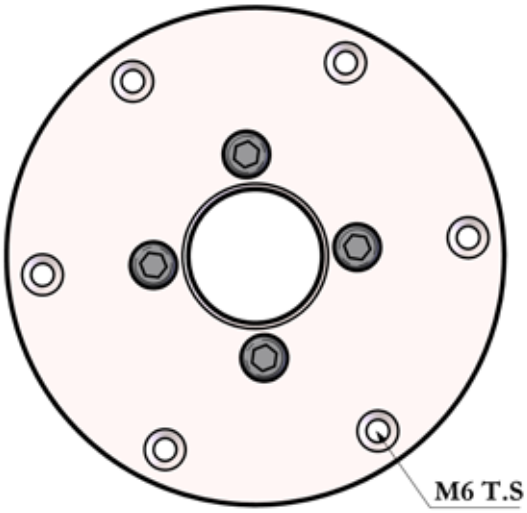
Adaptors for circular sawblades HSK type “F”

Aufnahme für Sägeblätter HSK Typ “F”

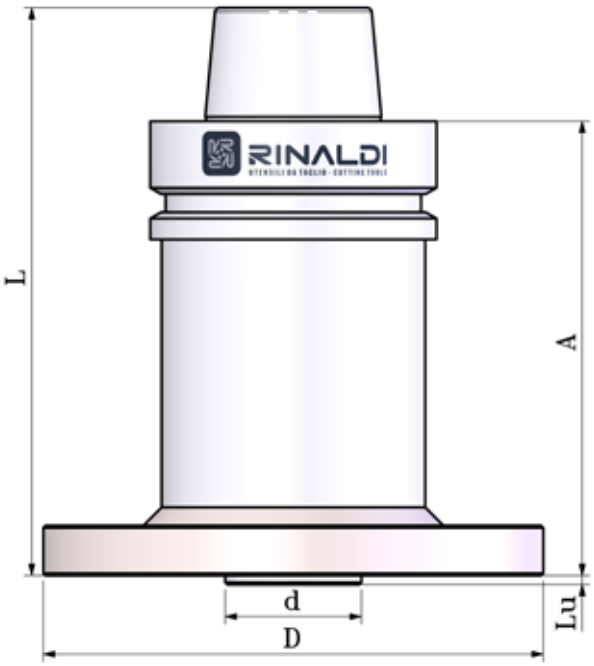


CODICE	D	d	Lu	S	L	A	CONO
AAS-11030040	110	30	2.5	HSK-F	65	40	HSK-63F
AAS-11030100	110	30	2.5	HSK-F	125	100	HSK-63F

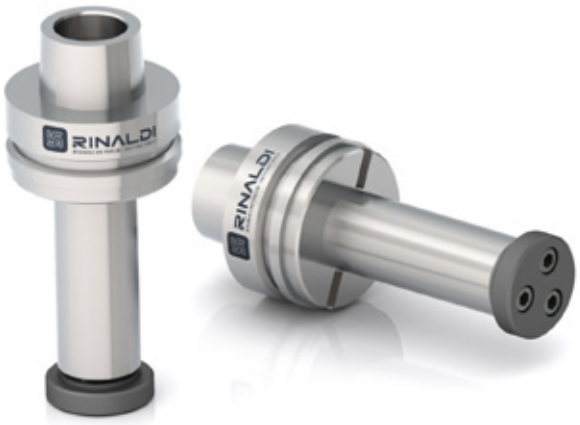
6 viti M6/60° interasse 90 mm
6 screws M6/60° at 90 mm distance
6 Schrauben M6 / 60 ° bei 90 mm Flugkreis



Si consiglia l’utilizzo con seghe circolari di ø compreso fra 200 e 300 mm
Recommended for sawblades with diameter between 200 and 300mm
Geeignet für Sägeblätter mit Durchmesser zwischen 200 und 300 mm

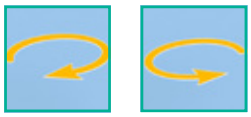


AAP

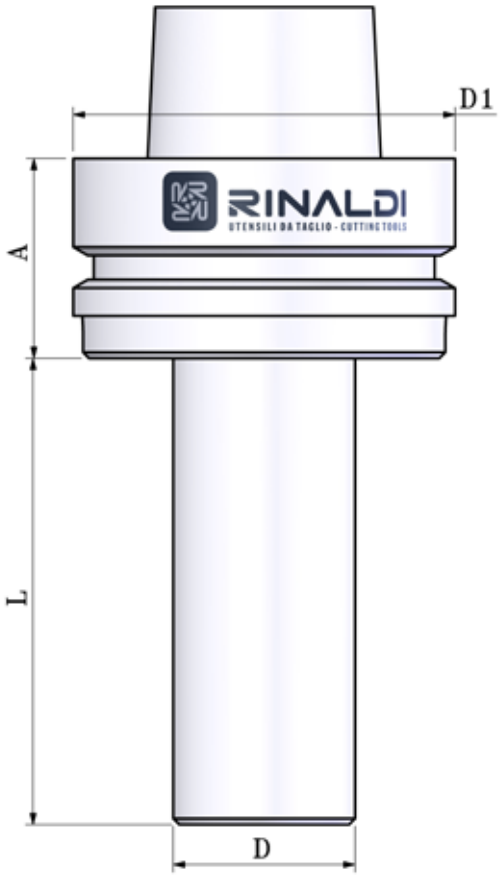


Portafrese cono HSK tipo “F” - “E”

Cutter arbors HSK type “F” and “E”
Fräsdorn HSK Typ “F” und “E”



CODICE	CONO	A	D	D1	L	Flangia
AAP-30100FF	HSK63-F	33	30	63	100	FF
AAP-30100FP	HSK63-F	33	30	63	100	FP
AAP-40100FF	HSK63-F	33	40	63	100	FF
AAP-40100FP	HSK63-F	33	40	63	100	FP
AAP-30080FF	HSK63-F	42	30	63	80	FF
AAP-30080FP	HSK63-F	42	30	63	80	FP
AAP-30100FF	HSK63-E	42	30	63	100	FF

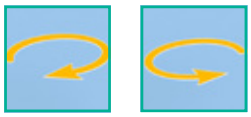


AAP

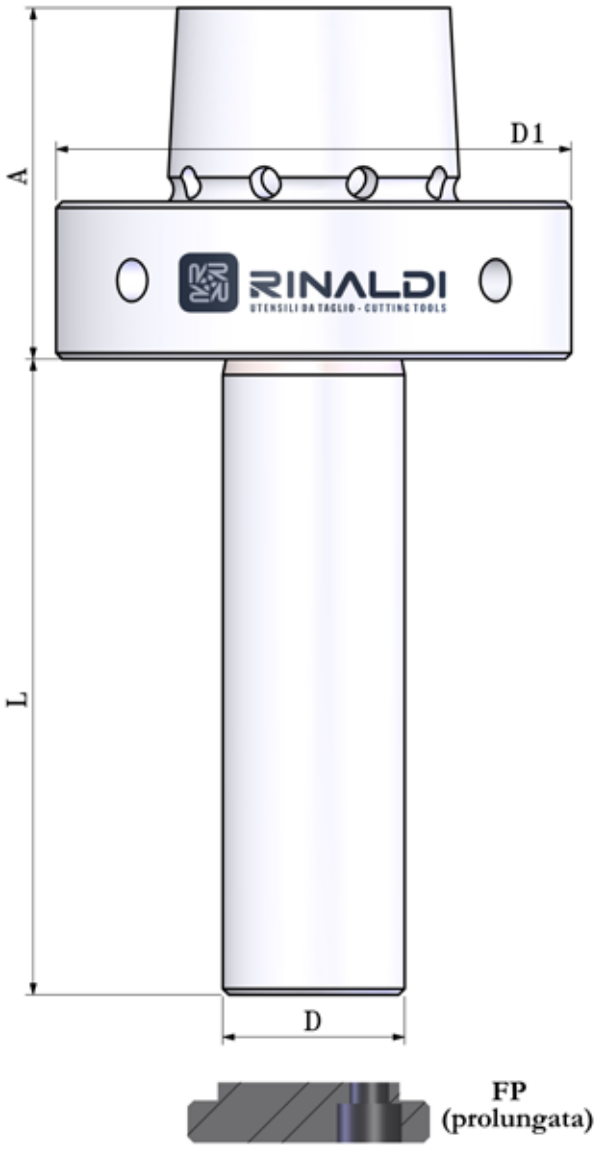
Portafrese cono HSK85

Cutter arbors HSK85

Fräsdorn HSK85



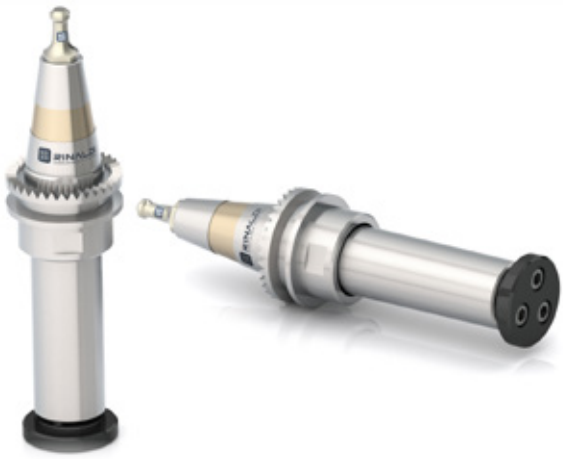
CODICE	CONO	A	D	D1	L	Flangia
AAP-40100FP	HSK85	58	40	85	100	FP
AAP-40180FP	HSK85	58	40	85	180	FP
AAP-40240FP	HSK85	58	40	85	240	FP

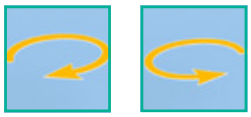


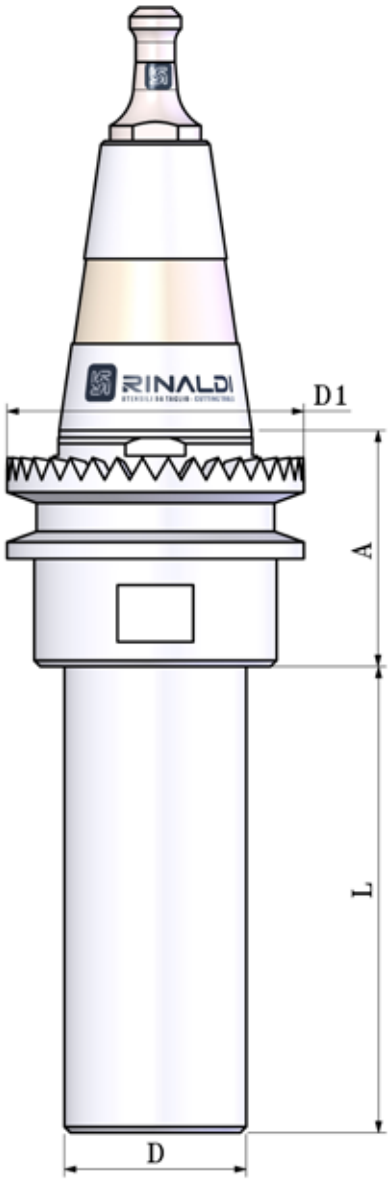
AAI

Portafrese cono ISO-30 con flangia dentata

Cutter arbors ISO-30 with serration
Fräsdorn ISO-30 mit Verzahnung







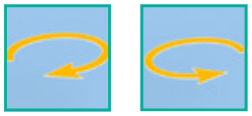
TIRANTE : MORBIDELLI - SCM art. TIR-A-1022

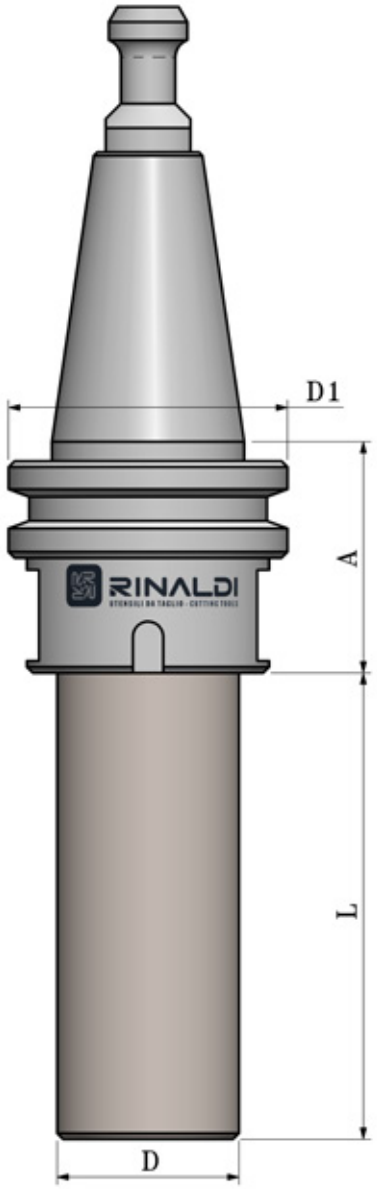
CODICE	CONO	A	D	D1	L	Flangia
AAI-M-3070FF	ISO30	39	30	49	70	FF
AAI-M-3070FP	ISO30	39	30	49	70	FP

AAI

Portafrese cono ISO-30

Cutter arbors ISO-30
Fräserdorn ISO-30





TIRANTE : BIESSE (dopo il 09/09/92) - MASTERWOOD - BULLERI (motori H.S.D.) art. TIR-C-1224

CODICE	A	D	D1	L	Flangia	CONO
AAI-B-30070FF	35	30	50	70	FF	ISO30
AAI-B-30100FF	35	30	50	100	FF	ISO30
AAI-B-30070FP	35	30	50	70	FP	ISO30
AAI-B-30100FP	35	30	50	100	FP	ISO30

TIRANTE : ALBERTI - VITAP - MASTERWOOD (Motori G.Colombo) art. TIR-D-1224

CODICE	A	D	D1	L	Flangia	CONO
AAI-A-30070FF	35	30	50	70	FF	ISO30
AAI-A-30100FF	35	30	50	100	FF	ISO30
AAI-A-30070FP	35	30	50	70	FP	ISO30
AAI-A-30100FP	35	30	50	100	FP	ISO30

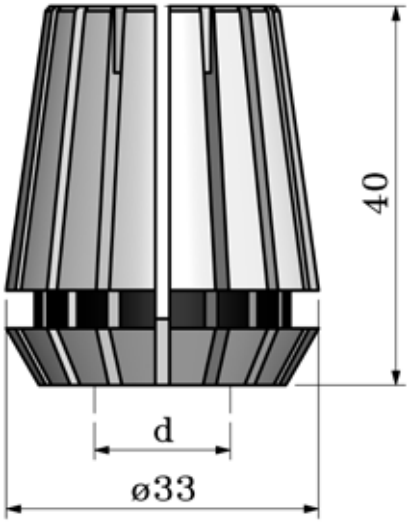
PER

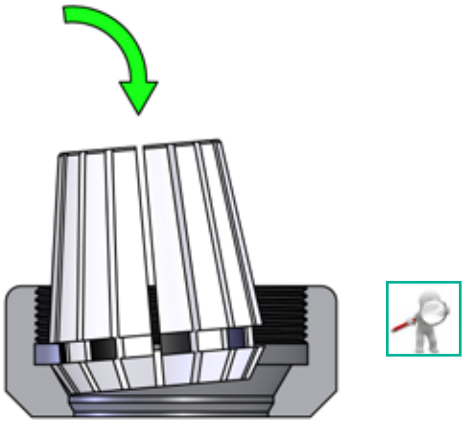
Pinze ER-32 DIN 6499

Collets ER-32 DIN 6499

Spannzangen ER-32 DIN 6499

ER 32 -DIN 6499





- PRECISIONE = 0.01

CODICE	d
PER32-020	ø 2 - 1
PER32-030	ø 3 - 2
PER32-032	ø 3.2 - (1/8")
PER32-040	ø 4 - 3
PER32-048	ø 4.8 - (3/16")
PER32-050	ø 5 - 4
PER32-060	ø 6 - 5
PER32-064	ø 6.4 - (1/4")
PER32-070	ø 7 - 6
PER32-079	ø 7.9 - (5/16")
PER32-080	ø 8 - 7
PER32-090	ø 9 - 8
PER32-095	ø 9.5 - (3/8")
PER32-100	ø 10 - 9
PER32-110	ø 11 - 10
PER32-120	ø 12 - 11
PER32-127	ø 12.7 - (1/2")
PER32-130	ø 13 - 12
PER32-140	ø 14 - 13
PER32-150	ø 15 - 14
PER32-159	ø 15.9 - (5/8")
PER32-160	ø 16 - 15
PER32-170	ø 17 - 16
PER32-180	ø 18 - 17
PER32-190	ø 19 - 18
PER32-191	ø19.1 - (3/4")
PER32-200	ø 20 - 19

PER

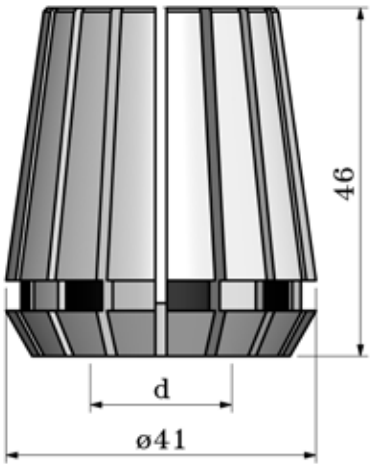
Pinze ER-40 DIN 6499

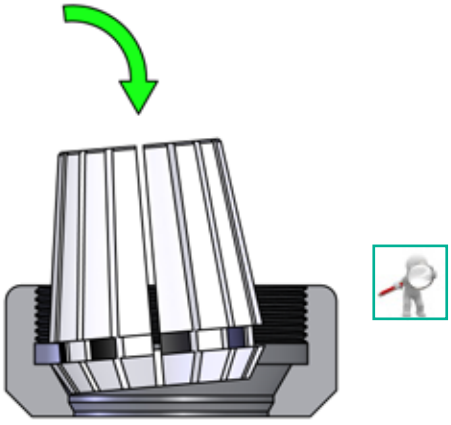
Collets ER-40 DIN 6499

Spannzangen ER-40 DIN 6499

CODICE	d
PER40-030	ø 3 - 2
PER40-040	ø 4 - 2
PER40-048	ø 4.8 - (3/16")
PER40-050	ø 5 - 4
PER40-060	ø 6 - 5
PER40-064	ø 6.4 - (1/4")
PER40-070	ø 7 - 6
PER40-079	ø 7.9 - (5/16")
PER40-080	ø 8 - 7
PER40-090	ø 9 - 8
PER40-095	ø 9.5 - (3/8")
PER40-100	ø 10 - 9
PER40-110	ø 11 - 10
PER40-120	ø 12 - 11
PER40-127	ø 12.7 - (1/2")
PER40-130	ø 13 - 12
PER40-140	ø 14 - 13
PER40-150	ø 15 - 14
PER40-159	ø 15.9 - (5/8")
PER40-160	ø 16 - 15
PER40-170	ø 17 - 16
PER40-180	ø 18 - 17
PER40-190	ø 19 - 18
PER40-191	ø19.1 - (3/4")
PER40-200	ø 20 - 19
PER40-210	ø21 - 20
PER40-220	ø 22 - 21
PER40-230	ø 23 - 22
PER40-240	ø 24 - 23
PER40-250	ø 25 - 24
PER40-254	ø25.4 - (1")
PER40-260	ø 26 - 25
PER40-300	ø 30 - 29

ER 40 -DIN 6499





- PRECISIONE = 0.01

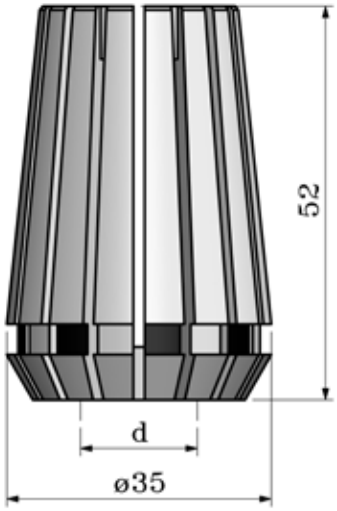
POC

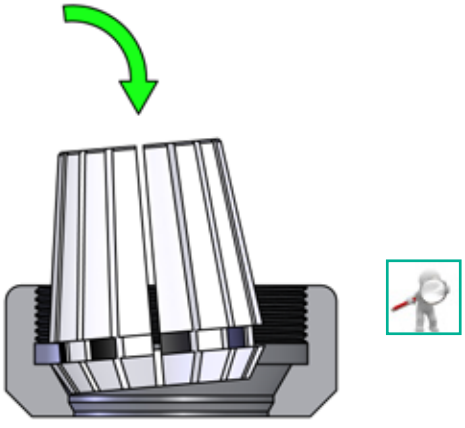
Pinze EOC-25 DIN 6388 (462 E)

Collets EOC-25 DIN 6388 (462E)
Spannzangen EOC-25 DIN 6388 (462E)

CODICE	d
POC25-020	ø 2 - 1.5
POC25-030	ø3 - 2.5
POC25-040	ø 4 - 3.5
POC25-050	ø 5 - 4.5
POC25-060	ø 6 - 5.5
POC25-064	ø 6.4 - (1/4")
POC25-070	ø 7 - 6.5
POC25-080	ø 8 - 7.5
POC25-095	ø 9.5 - (3/8")
POC25-100	ø 10 - 9.5
POC25-110	ø 11 - 10.5
POC25-120	ø 12 - 11.5
POC25-130	ø 13 - 12.5 (1/2")
POC25-140	ø 14 - 13.5
POC25-159	ø 15.9 - (5/8")
POC25-160	ø 16 - 15.5
POC25-180	ø 18 - 17.5
POC25-191	ø19.1 - (3/4")
POC25-200	ø 20 - 19.5
POC25-220	ø 22 - 21.5
POC25-250	ø 2 5- 24.5
POC25-254	ø 25.4 - (1")

EOC25 -DIN 6388 (462E)





- PRECISIONE = 0.01

PER

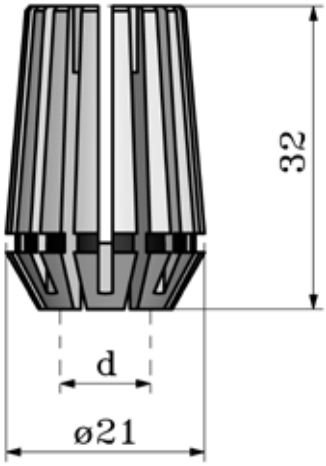
Pinze ER-20 DIN 6499

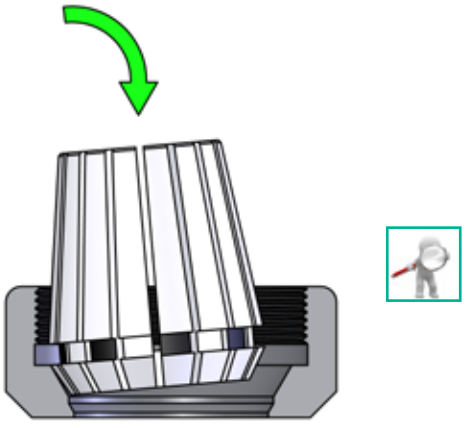
Collets ER-20 DIN 6499

Spannzangen ER-20 DIN 6499

CODICE	d
PER20-030	ø 3 - 2
PER20-032	ø 3.2 - (1/8")
PER20-040	ø 4 - 3
PER20-050	ø 5 - 4
PER20-060	ø 6 - 5
PER20-064	ø 6.4 - (1/4")
PER20-080	ø 8 - 7
PER20-090	ø 9 - 8
PER20-095	ø 9.5 - (3/8")
PER20-100	ø 10 - 9
PER20-110	ø 11 - 10
PER20-120	ø 12 - 11
PER20-127	ø 12.7 - (1/2")
PER20-130	ø 13 - 12

ER 20 -DIN 6499





- PRECISIONE = 0.01

PER

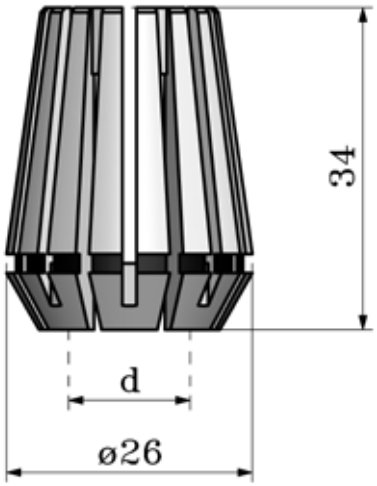
Pinze ER-25 DIN 6499

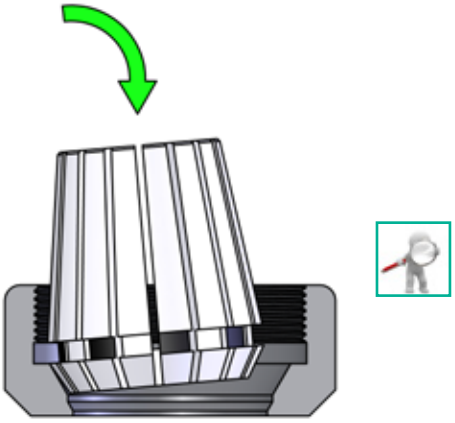
Collets ER-25 DIN 6499

Spannzangen ER-25 DIN 6499

CODICE	d
PER25-030	ø 3 - 2
PER25-032	ø 3.2 - (1/8")
PER25-040	ø 4 - 3
PER25-048	ø 4.8 - (3/16")
PER25-050	ø 5 - 4
PER25-060	ø 6 - 5
PER25-064	ø 6.4 - (1/4")
PER25-070	ø 7 - 6
PER25-079	ø 7.9 - (5/16")
PER25-080	ø 8 - 7
PER25-090	ø 9 - 8
PER25-095	ø 9.5 - (3/8")
PER25-100	ø 10 - 9
PER25-110	ø 11 - 10
PER25-120	ø 12 - 11
PER25-127	ø 12.7 - (1/2")
PER25-130	ø 13 - 12
PER25-140	ø 14 - 13
PER25-159	ø 15.9 - (5/8")
PER25-160	ø 16 - 15

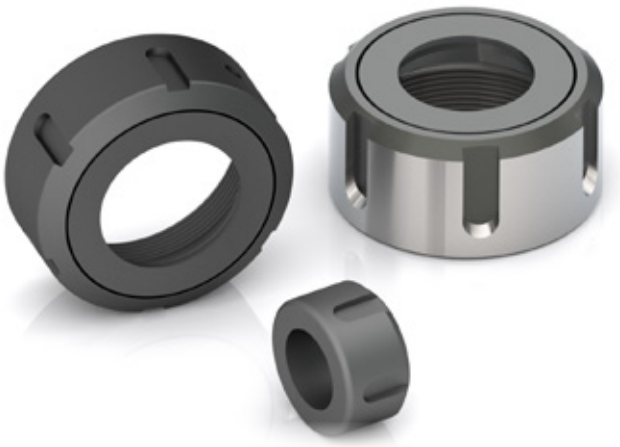
ER 25 -DIN 6499





- PRECISIONE = 0.01

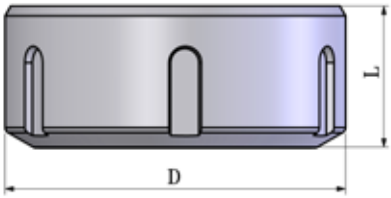
GER / GEO

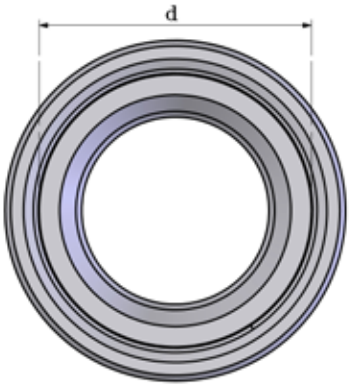


Ghiere per mandrini

Collet nuts

Überwurfmutter





CODICE	Tipo	D	L	d	Rot.
GER32D	DIN 6499 (ER 32)	50	23	M40x1.5	RH
GER32S	DIN 6499 (ER 32)	50	23	M40x1.5	LH
GER40D	DIN 6499 (ER 40)	63	25	M50x1.5	RH
GER40S	DIN 6499 (ER 40)	63	25	M50x1.5	LH
GER25CU	DIN 6499 (ER 25) Cuscinetto	42	20	M32x1.5	RH
GER32CU	DIN 6499 (ER 32) Cuscinetto	50	26	M40x1.5	RH
GER40CU	DIN 6499 (ER 40) Cuscinetto	63	29	M50x1.5	RH
GER25D	DIN 6499 (ER 25)	42	20	M32x1.5	RH
GER20D	DIN 6499 (ER 20)	35	19	M25x1.5	RH
GER16D	DIN 6499 (ER 16)	32	17.5	M22x1.5	RH
GEOC25	DIN 6388 (EOC 25)	60	30	M48x2	RH
GEOC25CU	DIN 6388 (EOC 25) Cuscinetto	60	30	M48x2	RH

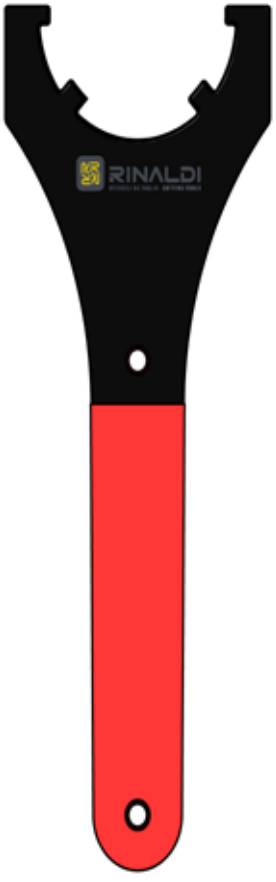
ACH

Chiavi

Wrences

Hakenschlüssel

CODICE	Tipo	GHIERA	Descrizione
ACH-ER32A	TIPO “A”	ER32 Standard	Chiave a settore
ACH-ER40A	TIPO “A”	ER40 Standard	Chiave a settore
ACH-ER25A	TIPO “A”	ER25 Standard	Chiave a settore
ACH-4042B	TIPO “B”	DIN 6499 (ER32-ER40)	Chiave a settore 40/42
ACH-5862B	TIPO “B”	DIN 6688 (EOC 25)	Chiave a settore 58/62



TIPO "A"

TIPO "B"

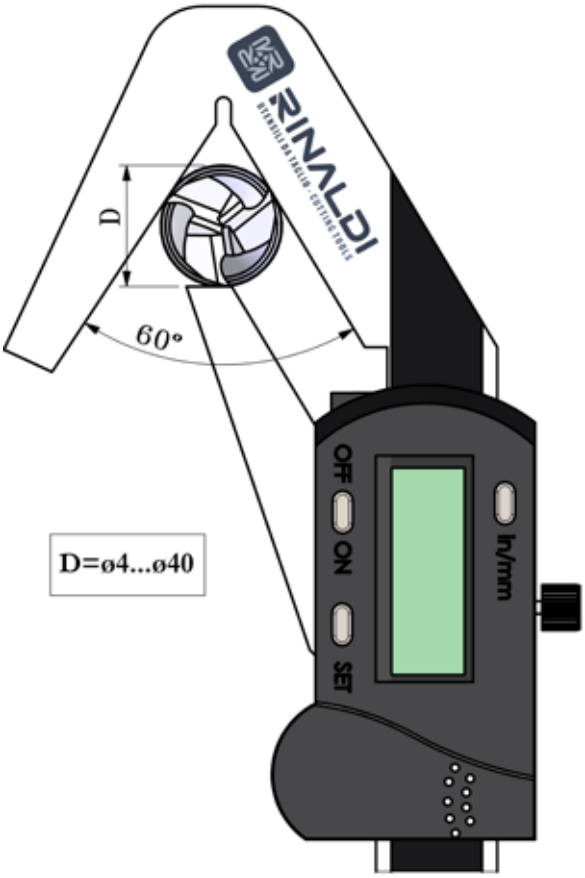
ACT

Calibro digitale per misurazione frese Z=3

Digital caliper for measuring milling cutters Z=3

Digital-Messschieber für Fräser Z = 3

CODICE	Misura
ACT-MISZ3	4 - 40 mm



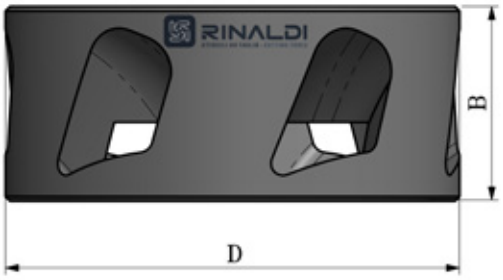
AGC

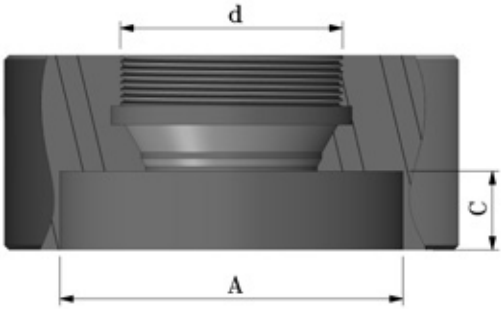
Ghiera convogliatore - G 2.5 20.000 g/min

Dust and chips extraction clamping nut - G 2.5 20.000 g/min

Überwurfmutter mit Spanentsorgungssystem - G 2.5 20.000 g/min

CODICE "ghiera Singola"	CODICE "KIT" Ghiera + Chiave	Tipo	D	A	B	C	d	Rot.
AGC-ER3298	KIT-ER3298 (AGC-ER3298 + CHC-D98)	DIN 6499 (ER 32)	98	74	42	17	M40x1.5	RH
AGC-ER4098	KIT-ER4098 (AGC-ER4098 + CHC-D98)	DIN 6499 (ER 40)	98	74	42	17	M50x1.5	RH
AGC-EOC2598	KIT-EOC2598 (AGC-EOC2598 + CHC-D98)	DIN 6499 (EOC25)	98	74	42	17	M48x2	RH
AGC-ER3280	KIT-ER3280 (AGC-ER3280 + CHC-D80)	DIN 6499 (ER 32)	80	64	42	13	M40x1.5	RH





CODICE	Tipo	D
CHC-D98	DIN 6499 (ER 32/ER40/EOC25)	95-100
CHC-D80	DIN 6499 (ER 32)	80-90

FACILE DA MONTARE
MIGLIORE ASPIRAZIONE DI POLVERI E TRUCIOLI DURANTE LA LAVORAZIONE DI NESTING E PANTOGRAFATURA

EASY MOUNTING
BETTER DUST AND CHIPS EVACUATION DURING NESTING AND CONVENTIONAL CNC ROUTING OPERATIONS

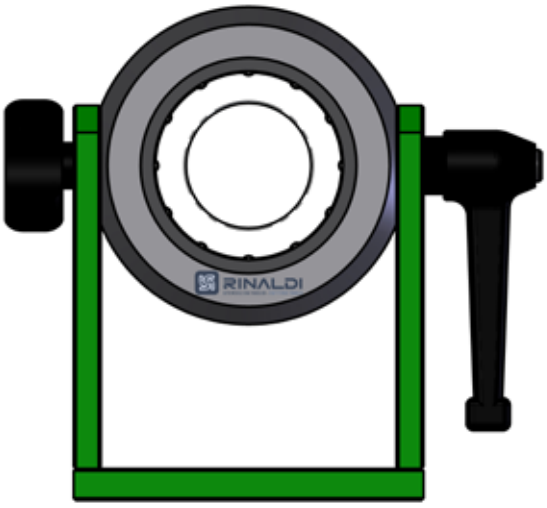
EINFACHE MONTAGE
BESSERE STAUB-UND SPANENTSORGUNG WÄHREND NESTING UND HERKÖMMLICHEN CNC-FRÄSARBEITEN

ASM

Smontaconi universale regolabile

Adjustable mounting and dismounting device
Einstellbare Kegel-Montageblöcke

CODICE	Macchine
ASM-ISO3050	PER CONI ISO-30 con flangia ø50
ASM-ISO3058	PER CONI ISO-30 con flangia ø58 (motori Elte-Esseteam)
ASM-HSK6363	PER CONI HSK-63 con flangia ø63
ASM-HSK8585	PER CONI HSK-85 con flangia ø85 (Wainig,Scm)



SI BLOCCA SUL DIAMETRO DELLA FLANGIA
SI PUO' POSIZIONARE RUOTANDO DA 0° a 90°

THE TOOL HOLDER HAS TO BE
BLOCKED ON THE FLANGE DIAMETER
ADJUSTABLE FROM 0° TO 90°

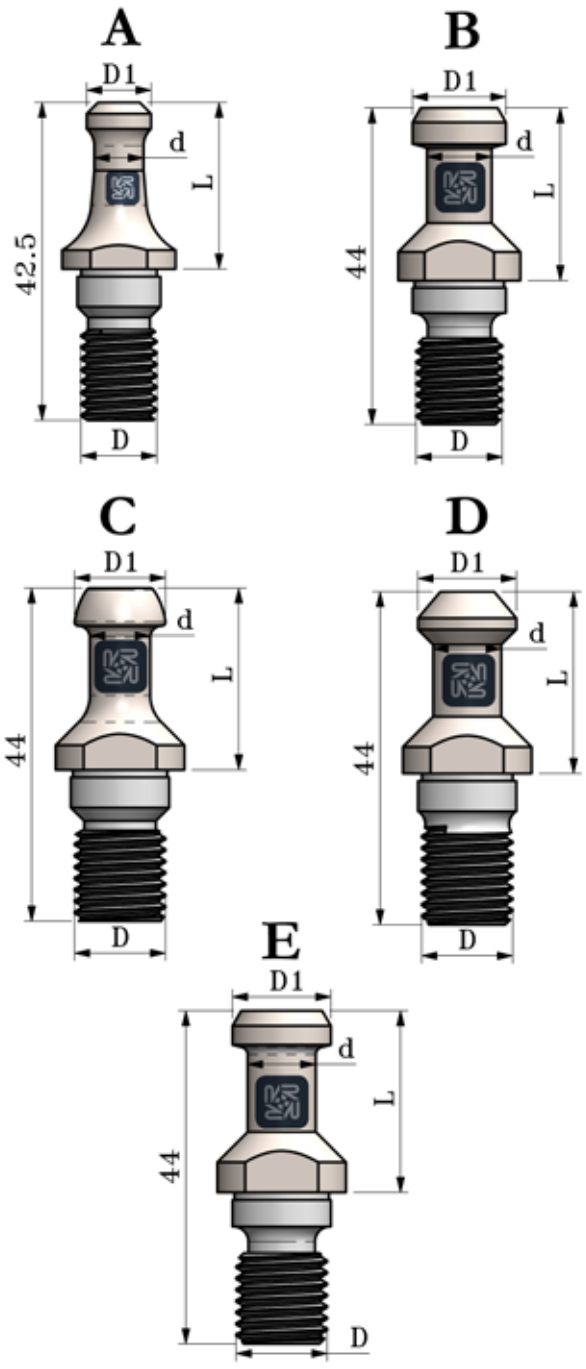
FIXIEREN SIE DIE WERKZEUGAUFNAHME AM FLANSCH
EINSTELLBAR VON 0° BIS 90°

TIR

Tiranti per coni portautensili ISO-30

Retaining pawls for ISO-30 chucks

Anzugsbolzen für ISO-30 Spannfutter



PER MACCHINE : MORBIDELLI , SCM

CODICE	TIPO	D1	d	L	S	CONO
TIR-A-1022	A	8.5	6.5	22	M10	ISO30

PER MACCHINE : BUSELLATO,WEEKE,IMA,BULLERI,MAKA, COSMEC,REICHENBACHER,ELTE

CODICE	TIPO	D1	d	L	S	CONO
TIR-B-1224	B	13	9	24	M12	ISO30

PER MACCHINE : BIESSE (dopo IL 9/9/92), MASTERWOOD (motori H.S.D.), BULLERI,THERMWOOD

CODICE	TIPO	D1	d	L	S	CONO
TIR-C-1224	C	12	8	24	M12	ISO30

PER MACCHINE : ALBERTI, VITAP,MASTERWOOD (motori G.Colombo)

CODICE	TIPO	D1	d	L	S	CONO
TIR-D-1224	D	12.8	9	24	M12	ISO30

PER MACCHINE : BIESSE (fino al 9/9/92)

CODICE	TIPO	D1	d	L	S	CONO
TIR-E-1224	E	13	9	24	M12	ISO30

BPP

Bussole porta punta

Reduction sleeves

Reduzierhülsen

CODICE	d	D	L
BPP-201024	2	10	24
BPP-251024	2.5	10	24
BPP-301024	3	10	24
BPP-321024	3.2	10	24
BPP-351024	3.5	10	24
BPP-401024	4	10	24
BPP-451024	4.5	10	24
BPP-501024	5	10	24
BPP-601024	6	10	24

MPP

Mandrini porta punta

Attechments with security dowel
Spannfutter mit Sicherheitsschrauben

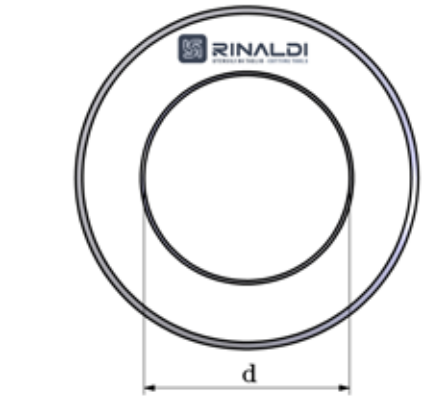
CODICE	d	D	L	S
MPP-201535	2	15	35	10x19
MPP-251535	2.5	15	35	10x19
MPP-301535	3	15	35	10x19
MPP-321535	3.2	15	35	10x19
MPP-351535	3.5	15	35	10x19
MPP-401535	4	15	35	10x19
MPP-451535	4.5	15	35	10x19
MPP-501535	5	15	35	10x19
MPP-601535	6	15	35	10x19

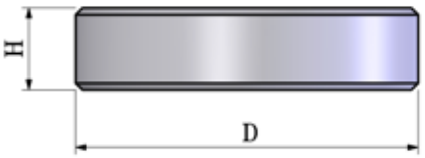
ADS

Anelli Distanziali

Spacers

Zwischenringe





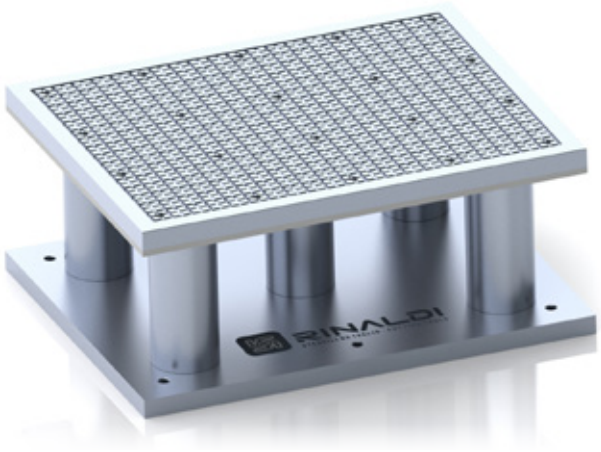
CODICE	d	D	H
ADS-305001	30	50	0.1
ADS-305002	30	50	0.2
ADS-305005	30	50	0.5
ADS-305010	30	50	1
ADS-305020	30	50	2
ADS-305030	30	50	3
ADS-305040	30	50	4
ADS-305050	30	50	5
ADS-305060	30	50	6
ADS-305080	30	50	8
ADS-3050100	30	50	10
ADS-3050120	30	50	12
ADS-3050150	30	50	15
ADS-3050200	30	50	20
ADS-3050250	30	50	25
ADS-3050300	30	50	30
ADS-3050400	30	50	40
ADS-3050500	30	50	50

ABA

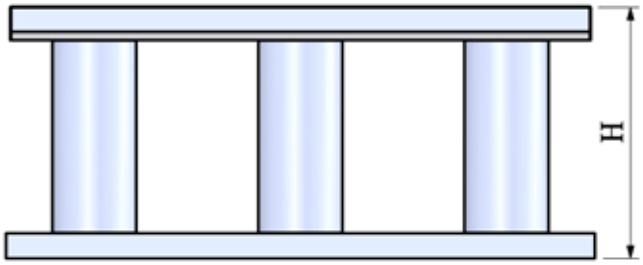
Banco da lavoro aspirante

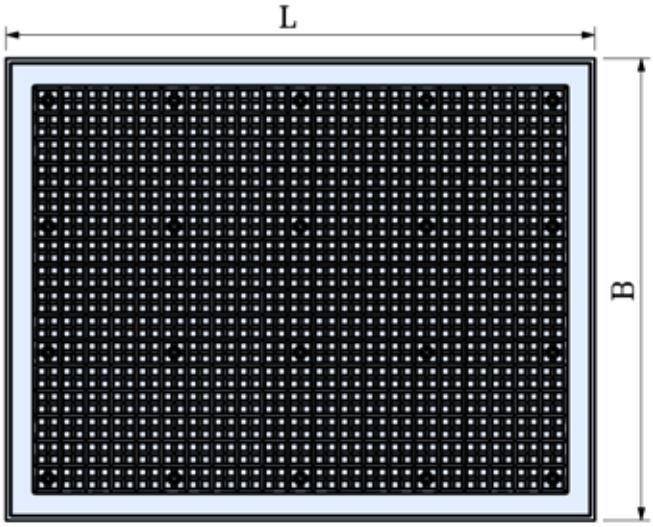
Suction table

Aluminium Vakuumplatte



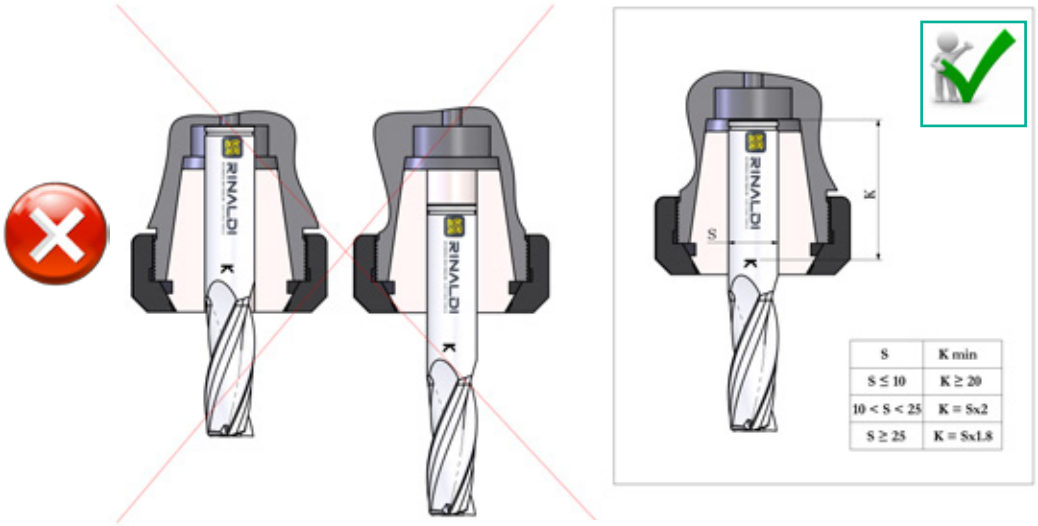
CODICE	L	B	H
ABA-700300	700	550	300

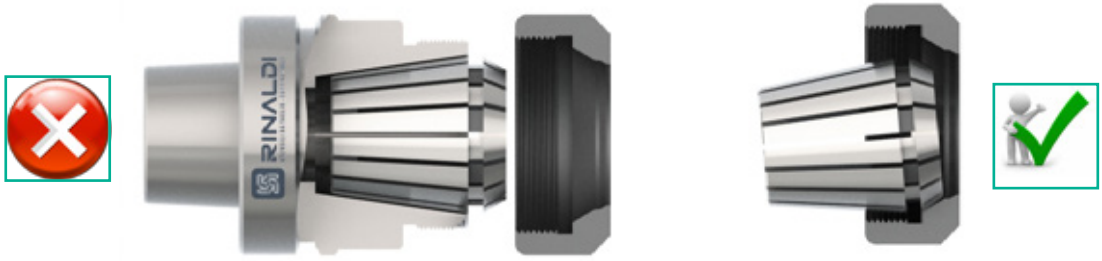




Nozioni tecniche

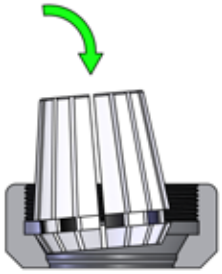
Technical information
Technische Informationen





Procedura per il corretto cambio dell'utensile e della pinza:
- fissare il portautensili nel dispositivo di montaggio
- aprire la ghiera di bloccaggio ed estrarre l'utensile
- allentare la pinza dalla ghiera mediante una pressione laterale

Right procedure for tool and collet change :
- Place the collet chuck in the mounting device
- Open the clamping nut and pull the cutting tool out
- Release the collet from the clamping nut by lateral pression



Richtige Werkzeugaufspannung :
- Das Spannzangenfutter in den Kegelmontageblock einsetzen
- Lösen Sie die Überwurfmutter
- Ziehen das Werkzeug aus die Spannzange
- Lösen Sie die Spannzange mit einem leichten seitlichen Druck

- PRECISIONE = 0.01

RINALDI

UTENSILI DA TAGLIO - CUTTING TOOLS

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www.rinaldi.it