



CATALOGO generale general CATALOGUE



La nostra **AZIENDA** Our **COMPANY**

chi siamo
About us



*La nostra sede a
Sumirago (VA)
Our headquarters in
Sumirago (VA)*



IT

GIMA TECHNOLOGY è un'azienda fondata nel 1978 dalla passione dei suoi fondatori ed è oggi una realtà consolidata nella produzione di **sistemi di serraggio per torni e centri di lavoro**.

Nata da un piccolo laboratorio, la società è cresciuta fino a una sede di 3.300 mq per la produzione e 400 mq di uffici e show-room.

Questa crescita, unita a un impegno continuo, ha reso **GIMA TECHNOLOGY** un **punto di riferimento nel settore**, grazie a un'offerta che combina disponibilità immediata e capacità di personalizzazione.

EN

GIMA TECHNOLOGY was founded in 1978, thanks to the passion of its founders. Today it is a well-established manufacturer of **workholding solutions for lathes and machining centers**.

Originally a small workshop, the company has grown into a 3,300 sqm production facility with 400 sqm office space and showroom.

Its growth and ongoing commitment have made **GIMA TECHNOLOGY** a **benchmark in the field**, thanks to its comprehensive array of products that combines prompt availability with custom solutions.

Oltre
More than

40
anni
years

*GIMA TECHNOLOGY è un'azienda presente da **oltre quarant'anni** nel mercato delle lavorazioni meccaniche di precisione.*

*GIMA TECHNOLOGY has been operating for **more than forty years** in the field of precision machining.*

La nostra **STORIA** Our **HISTORY**

dal passato ad oggi
From the past to the present

1978

Fondazione di GIMA Snc da parte dei due soci fondatori Giordano Carelli e Maurizio Piran con apertura della prima sede a Premezzo.

Foundation of GIMA Snc by Giordano Carelli and Maurizio Piran, its founding members, and opening of the first premises in Premezzo.



1979

Inizio della produzione dei morsetti tornibili per autocentranti

Start of production of soft top chuck jaws



1982

Prima partecipazione alla fiera BIMU

First-time participation in BIMU trade show



1985

Spostamento nella nuova sede produttiva a Cavaria.

Transfer to the new production site in Cavaria.



1990

Acquisizione del nuovo capannone logistico a Cavaria

Purchasing of the new logistics building in Cavaria.



1994

Viene aperta la GIMA TECHNOLOGY SRL per la commercializzazione esclusiva per l'Italia dei prodotti Kitagawa, Leave e Vischer&Bolli

Establishment of GIMA TECHNOLOGY SRL for the exclusive sale of Kitagawa, Leave and Vischer&Bolli products in Italy.



2015

Spostamento di tutte le attività nell'attuale sede di Sumirago (VA)

Transfer of all activities to the new headquarters situated in Sumirago (VA).



2019

Inizio della produzione delle morse autocentranti.

Start of production of chuck jaws.

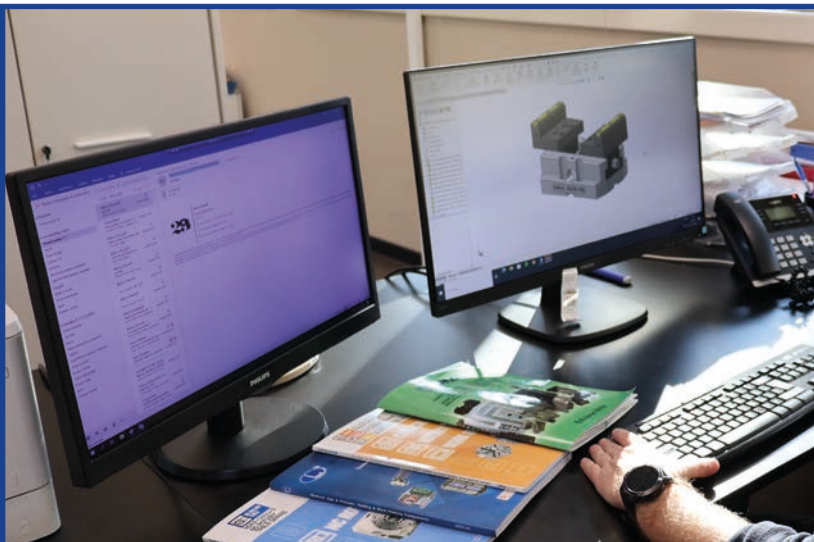
Fusione in un'unica Srl delle attività GIMA Snc e GIMA TECHNOLOGY e ingresso nel gruppo RDT.11.

Merger of GIMA Snc with GIMA TECHNOLOGY to form a single LLC and entry into the RDT.11 group

2024



Le nostre **SOLUZIONI** Our **SOLUTIONS** *cosa ci differenzia* *What makes us different*



PROGETTAZIONE DESIGN

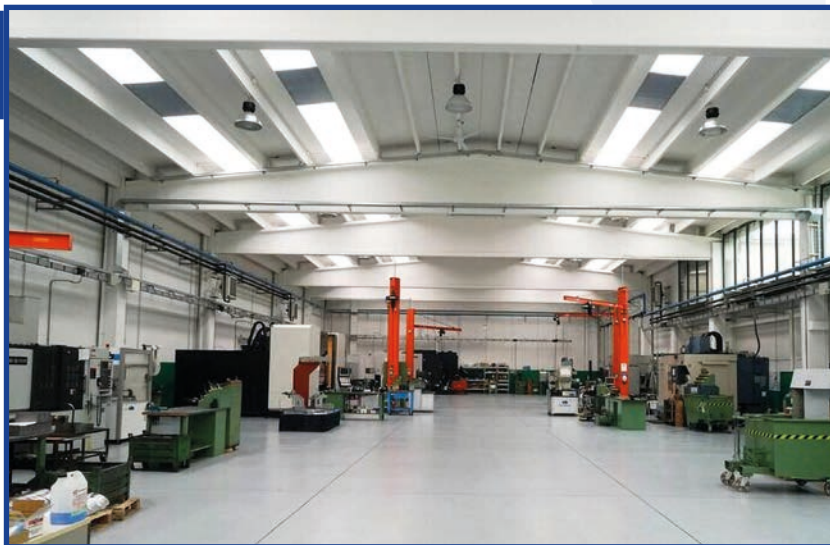
La nostra forza risiede nella capacità di progettazione maturata negli anni in svariati settori. Abbiamo un team di disegnatori sempre a disposizione per supportarvi e trovare insieme la migliore soluzione di bloccaggio sulle vostre macchine e risolvere le più difficili problematiche.

Our strength lies in our yearlong design expertise in a number of sectors. Our designer team is always available to support you and help you find the best workholding solutions for your machines and solve the most critical problems.

PRODUZIONE PRODUCTION

Il nostro reparto produttivo è altamente tecnologico e allestito con centri a 3,4,5 assi, torni, rettifiche e sala metrologica. Il tutto gestito da personale altamente qualificato.

Our cutting-edge production site features machining centers with 3,4,5-axis capability, lathes, grinding machines and a measuring station, operated by highly qualified staff.



PARTNERSHIP *strategiche* Strategic PARTNERSHIPS

Offriamo soluzioni personalizzate e collaboriamo con marchi internazionali, come Kitagawa, Leave e Vischer&Bolli per commercializzare prodotti avanzati per l'industria metalmeccanica.

We offer custom solutions and collaborate with international brands, including Kitagawa, Leave and Vischer&Bolli to sell cutting edge products for the metalworking and engineering industry.



itagawa



Indice generale

Table of contents

MORSETTI E GRIFFE PER AUTOCENTRANTI CHUCK JAWS

SMW – Autoblok	Pag. 10-15
Morsetti incastro a croce Tongue & groove jaws	Pag. 16-17
Morsetti temprati reversibili Hard reversible top jaws	Pag. 18-19
Morsetti temprati reversibili Hard reversible top gripper jaws	Pag. 20-23
Griffe temprate per pezzi grezzi di piccoli diametri Hard top gripper jaws for small diameter workpieces	Pag. 24-25
Tasselli T-nuts	Pag. 26-27
Kitagawa – Samchully	Pag. 28-39
Howa	Pag. 40-41
Kitagawa JN...T Leave mca nbk manuali Manual mca nbk	Pag. 41
M. Pinto	Pag. 42-43
Fial (Sogimut) – Wessel – Pinto DG. SG.	Pag. 44-45
Rohm	Pag. 46-47
Forkardt – Gfb – Berg	Pag. 48-49
Omap Triblock	Pag. 50
Morsetti Hainbuch Hainbuch jaws	Pag. 51
Accessori Accessories	Pag. 52-59
Esempi disegni tecnici Technical drawings	Pag. 60-65

PORTA GRIFFE INDIPENDENTI INDEPENDENT JAW BOXES

Gruppi porta griffe indipendenti Independent jaw boxes	Pag. 66-69
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GUIDA ALLA SCELTA DI MORSETTI E TASSELLI

GUIDE TO SELECTING THE RIGHT JAWS AND T-NUTS

Mandrini Autoblok Autoblok jaws

Pag. 72-93

Mandrini Kitagawa Kitagawa jaws

Pag. 94-113

MORSE AUTOCENTRANTI

SELF-CENTERING CHUCKS

Morse autocentranti Self-centering chucks

Pag. 114-121

Mod. 130

Pag. 122-125

Mod. 160-S

Pag. 126-129

Mod. 160

Pag. 130-133

Mod. 190

Pag. 134-137

Mod. 250

Pag. 138-141

PUNTI ZERO MECCANICI

MECHANICAL ZERO POINT SYSTEMS

Punti zero meccanici Mechanical Zero Point systems

Pag. 142-147

Mod. 130-160s

Pag. 148

Mod. 160-190s

Pag. 149

Mod. 190-250

Pag. 150

Esempi di applicazioni Usage examples

Pag. 151

GRUPPO CATENA

CHAIN CLAMPING SYSTEMS

Gruppo catena Chain clamping system

Pag. 152-157

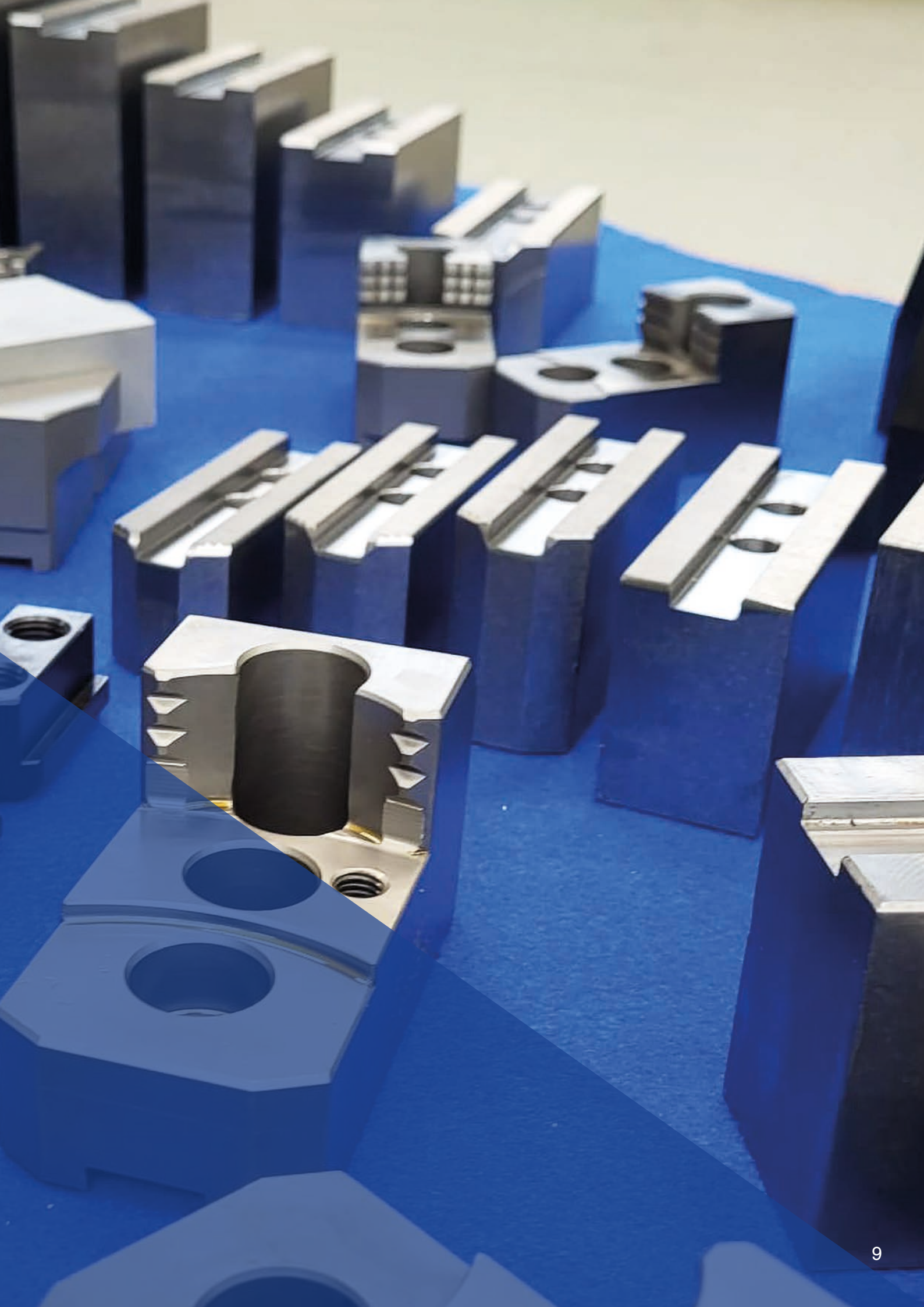
TAP REMOVER

BROKEN TAP AND DRILL REMOVER

Disintegratore di maschi e punte Broken tap and drill remover

Pag. 158-161

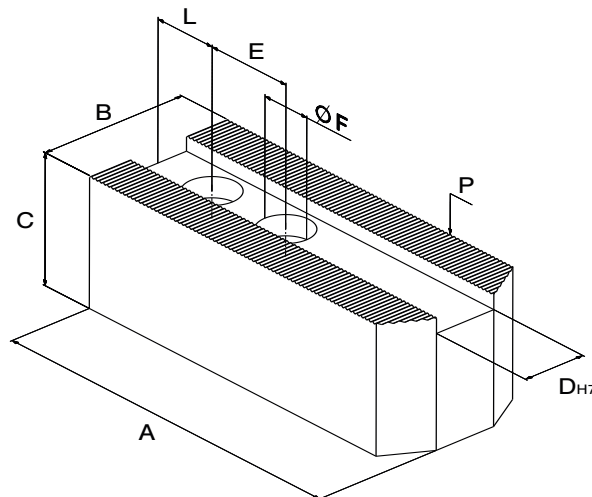
**MORSETTI E GRIFFE
PER AUTOCENTRANTI
HARD TOP CHUCK JAWS**



SMW – Autoblok

Pneumatico-idraulico
Pneumatic – hydraulic

► MORSETTI STANDARD ► STANDARD JAWS



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2001	FIG.1	125-130	60	30	30	12	16	9-15	15	1/16"x90°	0,30
2002	FIG.1	165-175	70	35	35	14	16,5	11-18	16		0,51
2003	FIG.1	180	80	35	40	14	20	11-18	20		0,70
2004	FIG.1	200	90	35	40	14	20	11-18	20		0,80
2005	FIG.1	200-210	90	40	40	17	23	13-19	20		0,90
2595	FIG.1	210-225	105	40	40	17	23	13-19	20		1,05
2006	FIG.1	250	110	45	45	21	30	17-25	22		1,30
2617	FIG.1	250	110	50	50	21	30	17-25	22		1,65
2007	FIG.1	315	125	50	50	21	30	17-25	22	3/32"x90°	1,95
2008	FIG.1	400	140	60	60	21	30	17-25	27		3,30
2008-25,5	FIG.1	400	140	60	60	25,5	38	21-31	27		3,20
2009	FIG.2	500-630	170	60	60	28	38	21-31	27		3,90
2009-25,5	FIG.2	500-630	170	60	60	25,5	38	21-31	27		3,80
2010	FIG.2	630-800	180	70	70	28	38	21-31	27		5,90
2010-25,5	FIG.2	630-800	180	70	70	25,5	38	21-31	27		5,85

FIG.1



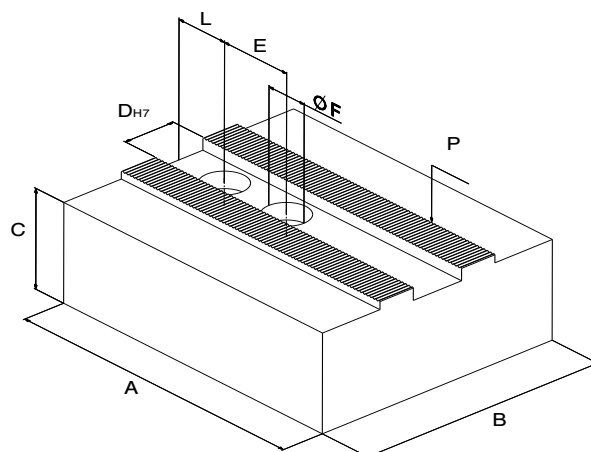
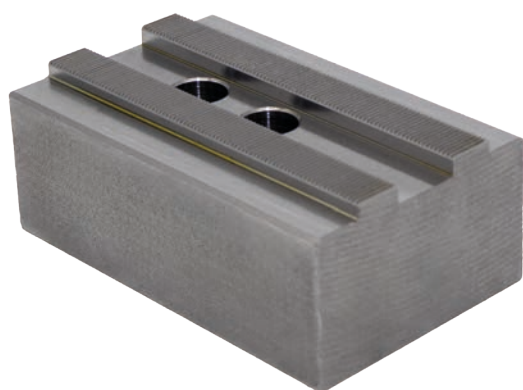
con smusso
with chamfer

FIG.2



senza smusso
without chamfer

► MORSETTI LARGHI ► WIDE JAWS



ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2002-B50x35	165-175	70	50	35	14	16,5	11-18	16	1/16"x90°	0,70
2002 50x50	165-175	70	50	50	14	16,5	11-18	16		1,00
2005-50x40	200-210	90	50	40	17	23	13-19	20		1,15
2005-50x50	200-210	90	50	50	17	23		20		1,45
2005-60x60	200-210	90	60	60	17	23		20		2,20
2005-B60x40	200-210	90	60	40	17	23		20		1,45
2617-80x50	250	110	80	50	21	30	17-25	22		2,90
2617-80x80	250	110	80	80	21	30		22		4,75
2617-100x50	250	110	100	50	21	30		22		3,65
2617-100x100	250	110	100	100	21	30		22		8,50
2007-B80x50	250-315	125	80	50	21	30		22		3,35
2007-80x80	250-315	125	80	80	21	30		22		5,50
2007-100x100	250-315	125	100	100	21	30		22		8,80
2007-B100x50	250-315	125	100	50	21	30		22		4,20

► MORSETTI ALTI ► HIGH JAWS

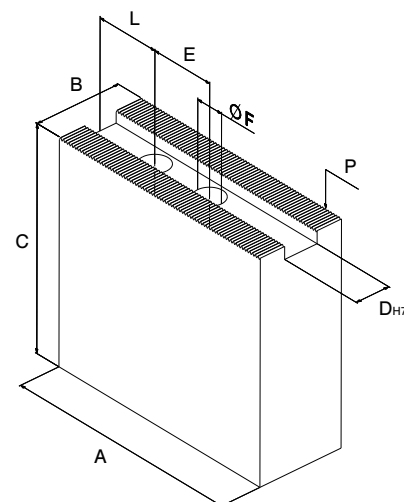


FIG.1



con smusso
with chamfer

FIG.2

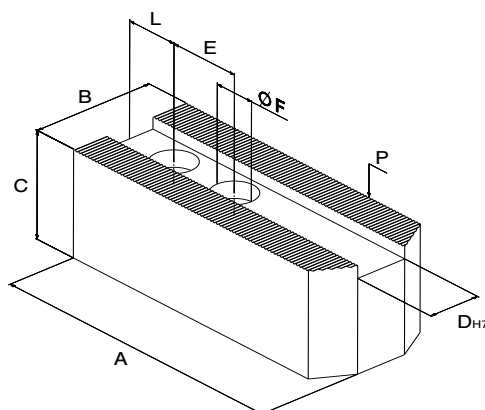


senza smusso
without chamfer

ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2001-C50	FIG.1	125-130	60	30	50	12	16	9-15	15	1/16"x90°	0,50
2002-C50	FIG.1	165-175	70	35	50	14	16,5	11-18	16		0,70
2002-C60	FIG.1	165-175	70	35	60	14	16,5	11-18	16		0,85
2002-C80	FIG.2	165-175	70	35	80	14	16,5	11-18	16		1,20
2002-C100	FIG.2	165-175	70	35	100	14	16,5	11-18	16		1,50
2518	FIG.2	200	90	40	60	14	20	11-18	20		1,40
2519	FIG.2	200	90	40	80	14	20	11-18	20		1,90
2520	FIG.2	200	90	40	100	14	20	11-18	20		2,40
2521	FIG.2	200-210	90	40	60	17	23	13-19	20		1,40
2522	FIG.2	200-210	90	40	80	17	23	13-19	20		1,85
2523	FIG.2	200-210	90	40	100	17	23	13-19	20		2,35
2005-C120	FIG.2	200-210	90	40	120	17	23	13-19	20		2,80
2524	FIG.2	250	110	50	80	21	30	17-25	22		2,80
2525	FIG.2	250	110	50	100	21	30	17-25	22		3,50
2526	FIG.2	250	110	50	120	21	30	17-25	22		4,20
2527	FIG.2	250	110	50	140	21	30	17-25	22		4,90
2528	FIG.2	315	125	50	80	21	30	17-25	22		3,20
2529	FIG.2	315	125	50	100	21	30	17-25	22		4,00
2530	FIG.2	315	125	50	120	21	30	17-25	22		4,90
2531	FIG.2	315	125	50	140	21	30	17-25	22		5,70
2532	FIG.2	400	140	60	80	21	30	17-25	27		4,60
2533	FIG.2	400	140	60	100	21	30	17-25	27		5,80
2534	FIG.2	400	140	60	120	21	30	17-25	27		6,95
2535	FIG.2	400	140	60	140	21	30	17-25	27		7,95
2613-25,5	FIG.2	400-500-630	160	60	80	25,5	38	21-31	27	3/32"x90°	4,90
2614-25,5	FIG.2	400-500-630	160	60	100	25,5	38	21-31	27		6,00
2615-25,5	FIG.2	400-500-800	160	60	120	25,5	38	21-31	27		7,10
2616-25,5	FIG.2	400-500-800	160	60	140	25,5	38	21-31	27		8,60
2613	FIG.2	500-630-800	160	60	80	28	38	21-31	27		4,80
2614	FIG.2	500-630-800	160	60	100	28	38	21-31	27		6,00
2615	FIG.2	500-630-800	160	60	120	28	38	21-31	27		7,20
2616	FIG.2	500-630-800	160	60	140	28	38	21-31	27		8,70

MORSETTI CON DENTATURA METRICA P=1,5 x 60°

SERRATED JAWS P=1,5 x 60°



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
3560	FIG.1	125-130-140	60	30	30	12	16	9-15	15	1,5x60°	0,30
3562	FIG.1	165-175	70	35	35	14	16,5	11-18	16		0,51
2583	FIG.1	165-175	72	30	30	12	20	11-18	20		0,38
2583 L	FIG.1	165-175	81	30	30	12	20	11-18	20		0,40
2642	FIG.1	165-175	72	30	50	12	20	11-18	20		0,60
2642-C60	FIG.1	165-175	72	30	60	12	20	11-18	20		0,75
2642-C80	FIG.2	165-175	72	30	80	12	20	11-18	20		1,00
2642-C100	FIG.2	165-175	72	30	100	12	20	11-18	20		1,25
2584	FIG.1	210	95	35	35	14	25	13-19	24		0,70
2584 L	FIG.1	210	102	35	40	14	25	13-19	24		0,85
2584 L-120	FIG.2	210	120	40	40	14	25	13-19	24		1,50
2584 L-140	FIG.2	210	140	40	40	14	25	13-19	24		1,40
2643	FIG.1	210	95	35	50	14	25	13-19	24		1,00
2643-C60	FIG.1	210	95	35	60	14	25	13-19	24		1,20
2644	FIG.2	210	95	35	80	14	25	13-19	24		1,70
3000	FIG.2	210	95	35	100	14	25	13-19	24		2,10
3000-C120	FIG.2	210	95	35	120	14	25	13-19	24		2,50
3564	FIG.1	210	90	40	40	17	23	13-19	20		0,90
3565	FIG.1	250	110	45	45	21	30	17-25	22		1,30
3565/16	FIG.1	250	110	45	45	16	30	13-19	22		1,45
2586-P20	FIG.1	250	110	50	50	16	30	13-19	20		1,10
3566	FIG.1	250	110	50	50	21	30	17-25	22		1,65
3567	FIG.1	305-315	125	50	50	21	30	17-25	22		1,95
3568	FIG.1	400	140	60	60	21	30	17-25	27		3,30
3569	FIG.1	400	140	60	60	22	38	21-31	27		3,30

FIG.1



con smusso
with chamfer

FIG.2

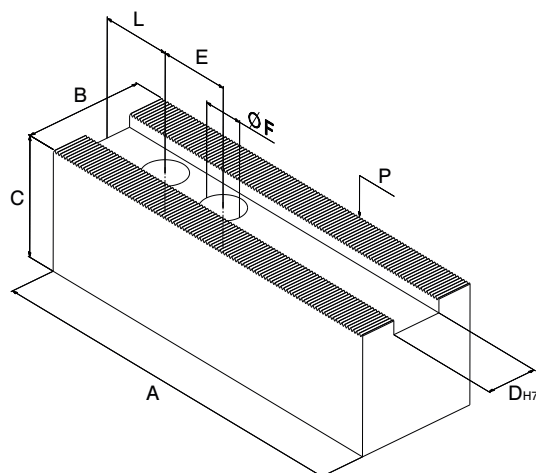
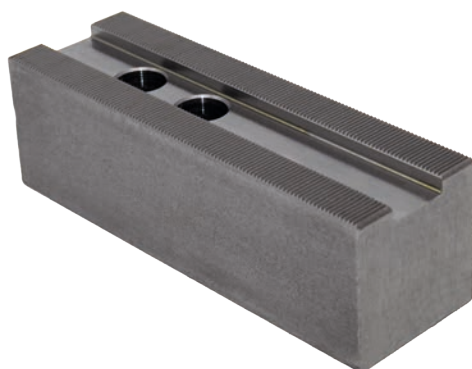


senza smusso
without chamfer

SMW – Autoblok

Pneumatico-idraulico
Pneumatic – hydraulic

MORSETTI LUNGI LONG JAWS



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2001-L	FIG.1	125-130	70	30	30	12	16	9-15	15	1/16"x90°	0,40
2002-L	FIG.1	165-175	80	35	35	14	16,5	11-18	16		0,60
2595	FIG.1	210-225	105	40	40	17	23	13-19	20		1,05
2005-L140	FIG.2	210-225	140	40	50	17	23	13-19	20		1,90
2007-L140	FIG.1	250-315	140	50	50	21	30	17-25	22		2,20
2007-L150	FIG.2	250-315	150	50	50	21	30	17-25	22		2,45
2007-L160	FIG.2	250-315	160	50	50	21	30	17-25	22		2,65
2007-L180	FIG.2	250-315	180	50	50	21	30	17-25	22		3,00
2007-L200	FIG.2	250-315	200	50	50	21	30	17-25	22		3,35
2007-L220	FIG.2	250-315	220	50	50	21	30	17-25	22		3,75
2008-L160	FIG.2	315-400	160	60	60	21	30	17-25	27		3,90
2008-L180	FIG.2	315-400	180	60	60	21	30	17-25	27		4,45
2008-L200	FIG.2	315-400	200	60	60	21	30	17-25	27	3/32"x90°	5,00
2008-L220	FIG.2	315-400	220	60	60	21	30	17-25	27		5,35
2010-L230	FIG.2	500-630-800	230	80	80	28	38	21-31	27		9,50
2010-L230/25,5	FIG.2	500-630-800	230	80	80	25,5	38	21-31	27		9,40

FIG.1



con smusso
with chamfer

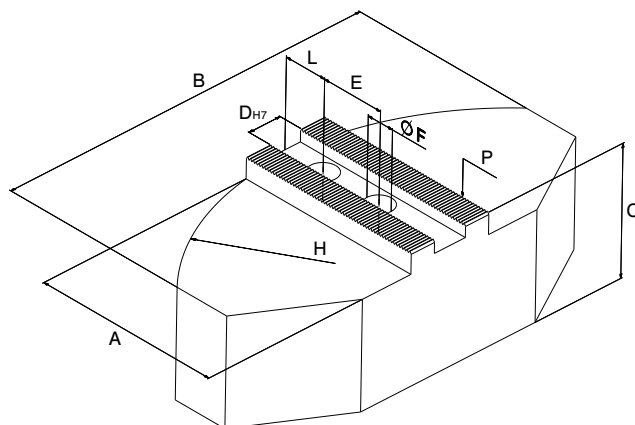
FIG.2



senza smusso
without chamfer

MORSETTI AVVOLGENTI IN ACCIAIO E ALLUMINIO

STEEL AND ALUMINUM JAWS



ART.	Materiale Material	Autocentrante Chuck Ø	A	B	C	D _{H7}	E	Ø F	Ø H	L	P	Peso Kg per serie 3pz Weight Kg 3-piece set
3550	Acciaio Steel	165-175	60	120	40	14	16,5	11-18	165	15	1/16"x90°	3,70
3550-A	Alluminio Aluminum		60	120	49	14	16,5	11-18	165	15		1,70
3551	Acciaio Steel	200-210	70	140	50	17	23	13-19	210	17		7,55
3551-A	Alluminio Aluminum		75	140	59	17	23	13-19	210	17		3,20
3552	Acciaio Steel	250	80	180	60	21	30	17-25	250	20		12,20
3552-A	Alluminio Aluminum		90	180	78	21	30	17-25	250	20		6,40
3553	Acciaio Steel	315	100	240	60	21	30	17-25	315	20		19,40
3553-A	Alluminio Aluminum		110	240	78	21	30	17-25	315	*20		11,00

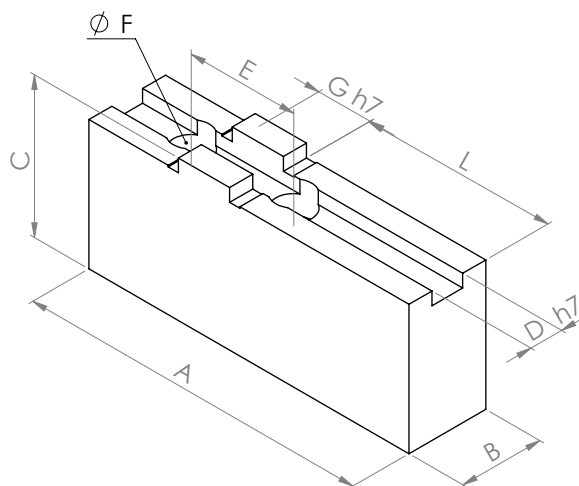
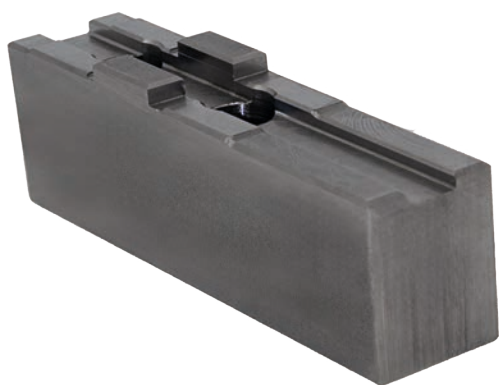
Morsetti incastro a croce

Tongue & groove jaws

Autoblok - Smw - Pinto - Forkardt FNC, F, KTNC
- Duro Hard Rohm - Berg - Shunk - Samchully

► MORSETTI STANDARD

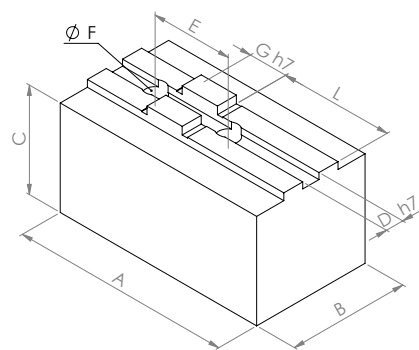
► STANDARD JAWS



ART.	Autocentrante Chuck Ø	A	B	C	Dh7	E	Ø F	Gh7	L	Peso Kg CAD.PZ. Weight Kg per piece
3510	140	63	20	40	8	32	9-15	18	25	0,25
3511	160-175	85	20	40	8	32	9-15	18	42	0,40
3512	200-210	105	25	50	10	40	9-15	20	50	0,80
3513	250-260	125	30	55	12	40	13-19	20	70	1,20
3514	315-400	145	40	60	12	54	13-19	26	75	2,20
3515	400-500-630	180	50	80	18	60	17-25	30	100	4,60
3516	500-630	260	60	120	24	82	21-31	40	158	11,00
4000-HC32	800	165	80	80	12,7	76,2	21-31	19,03	95	6,60
4001-HC32	800	165	80	100	12,7	76,2	21-31	19,03	95	8,20
4002-HC32	800	165	80	120	12,7	76,2	21-31	19,03	95	9,70
4003-HC40/50	1000-1250	270	80	100	30	76,2	25-38	19,03	160	12,30
4004-HC40/50	1000-1250	270	80	140	30	76,2	25-38	19,03	160	15,20

MORSETTI LARGHI

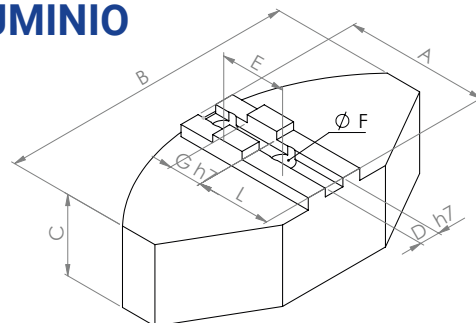
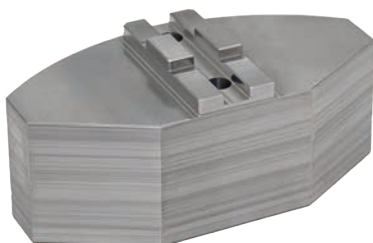
WIDE JAWS



ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	GH7	L	Peso Kg CAD.PZ. Weight Kg per piece
3520	140	63	40	40	8	32	9-15	18	25	0,65
3521	160-175	85	30	55	8	32	9-15	18	42	0,90
3522	200-210	105	30	80	10	40	9-15	20	50	1,65
3523	200-210	105	40	40	10	40	9-15	20	70	1,10
3524	250-260	125	40	60	12	40	13-19	20	70	1,85
3525	250-260	125	40	80	12	40	13-19	20	70	2,55
3526	250-260	125	40	100	12	40	13-19	20	70	3,20
3527	250-260	90	60	60	12	40	13-19	20	43	2,00
3528	250-260	90	80	60	12	40	13-19	20	43	2,70
3529	315-400	145	80	80	12	54	13-19	30	75	6,20
3530	315-400	120	80	80	12	54	13-19	30	50	5,10

MORSETTI AVVOLGENTI IN ACCIAIO E ALLUMINIO

STEEL AND ALUMINUM PIE JAWS



ART.	Materiale Material	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	Gh7	Ø H	L	Peso Kg per serie 3pz Weight Kg 3-piece set
3540	Acciaio Steel	160-175	60	120	50	8	32	9-15	18	165	20,5	1,80
3540-A	Alluminio Aluminum											1,60
3541	Acciaio Steel	200-210	70	140	60	10	40	9-15	20	200	25	8,40
3541-A	Alluminio Aluminum											1,00
3542	Acciaio Steel	250	90	180	60	12	40	13-19	20	250	45	4,50
3542-A	Alluminio Aluminum											4,30
3543	Acciaio Steel	315	110	240	80	12	54	13-19	26	315	32	10,60
3543-A	Alluminio Aluminum											3,70

► MORSETTI TEMPRATI REVERSIBILI ► HARD REVERSIBLE TOP JAWS

FIG.1

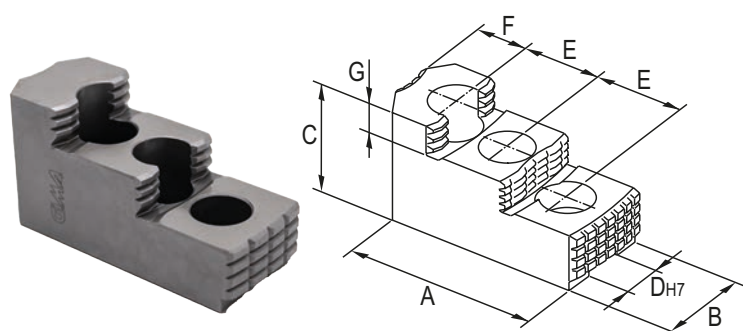
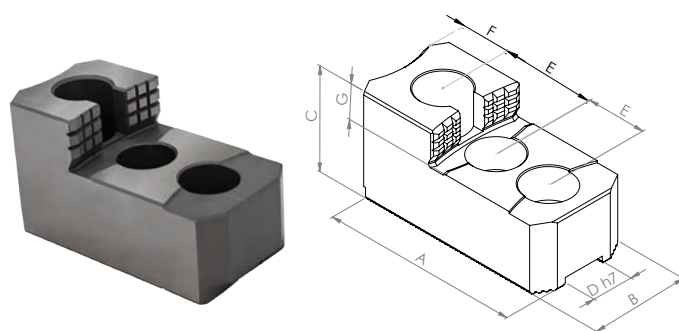


FIG.2



ART.	Gradino Step	Autocentrante Chuck Ø	A	B	C	DH7	E	F	G	P	Peso Kg per serie 3pz Weight Kg 3-piece set
2661	FIG.1	125-130	58	30	38	12	16	13	8,5	1/16"x90°	0,80
2662	FIG.1	165-175	65	34	45	14	16,5	18	10		1,10
2663	FIG.1	180-200	75	34	45	14	20	21	10,5		1,40
2664	FIG.1	210-225	90	40	49	17	23	27	12		2,20
2665	FIG.1	250	110	50	63	21	30	29	17		4,10
2665-L	FIG.1	315-350	125	50	65	21	30	40	17		5,00
2666	FIG.1	400	130	60	73	21	30	42	20	3/32"x90°	6,90
2669	FIG.2	400-500	140	60	73	25,5*	38	38	35		8,00
2670	FIG.2	630-800	145	70	75	25,5*	38	46	35		8,10

* Questi morsetti temprati reversibili possono essere forniti anche con la quota DH7= 28mm

* Also available in DH7= 28mm

MORSETTI TEMPRATI REVERSIBILI P=1,5x60°

HARD REVERSIBLE TOP JAWS P=1,5x60°

FIG.1

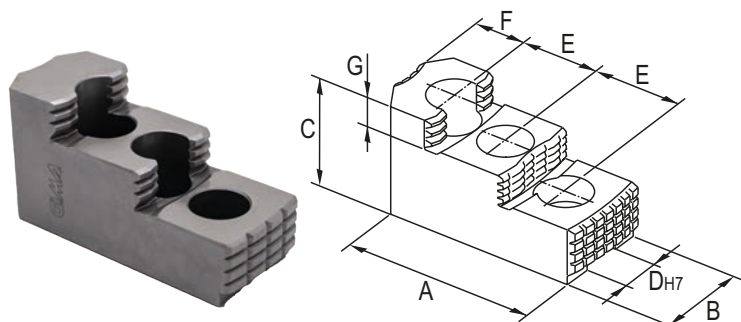
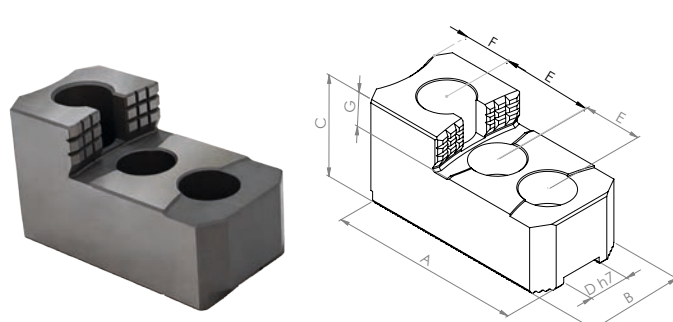


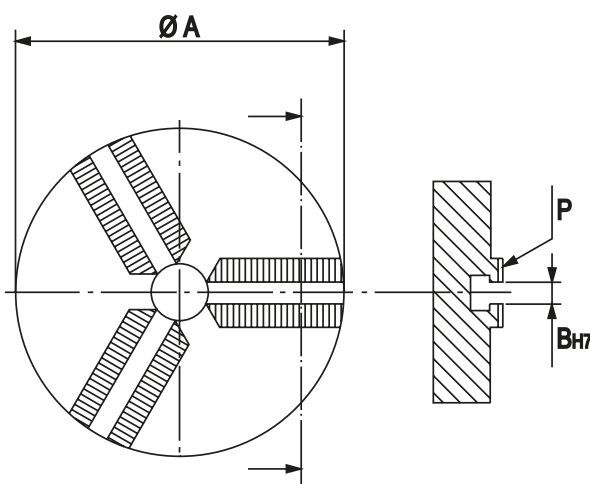
FIG.2



ART.	Gradino Step	Autocentrante Chuck Ø	A	B	C	DH7	E	F	G	P	Peso Kg per serie 3pz Weight Kg 3-piece set
26610-M	FIG.1	125-130	58	30	38	12	16	13	8,5	1,5x60°	0,80
HB06A1G	FIG.2	165-175	66,6	31	36	12	20	15	12		0,90
HB08A1G	FIG.1	210	86	35	51	14	25	15	12		1,90
HB10A1G	FIG.1	250	99,5	40	54	16	30	23	13		2,80
HB12N1G	FIG.2	305-315	103	50	52	21	30	22	17		3,70
HB15A1G	FIG.1	400	149	62	86	25,5	43	27	21		9,60

FLANGE PER SAGOMATURA DELLE GRIFFE FUORI MACCHINA

JAW TURNING FIXTURES



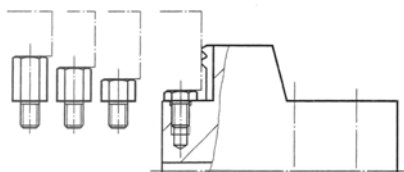
ART.	Ø Flangia Flange	A	BH7	P	Peso Kg CAD.PZ. Weight Kg per piece
2590	125	125	12	1/16"x90°	2,10
2591	200	200	14		6,50
2592	210	210	17		6,80
2593	250	250	21		12,80
2594	315	315	21		19,00

SMW – Autoblok

Griffe temprate per pezzi grezzi Hard top gripper jaws for workpieces

Esempi e caratteristiche di bloccaggio con griffe per pezzi grezzi Technical specifications and clamping with hard top gripper jaws

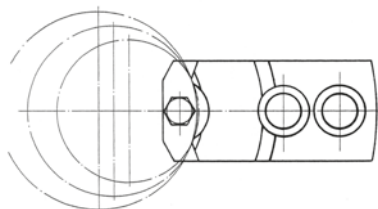
FIG.1



Esempio di bloccaggio con possibilità di regolazione dell'altezza di presa mediante gli appoggi.

Clamping height adjustment by means of insert screws.

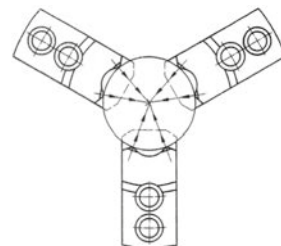
FIG.2



Esempio di bloccaggio di una griffa su vari diametri.

Gripper jaw clamping on various diameters.

FIG.3

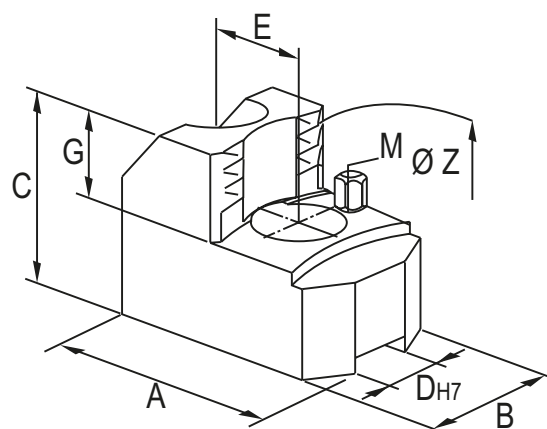


Esempio di assoluta sicurezza di presa grazie al serraggio in sei punti.

The six-point clamping system ensures absolute safe workpiece clamping.

► SMW - AUTOBLOK

APPOGGI PAG. 25 INSERT SCREWS PAGE 25



► AUTOBLOK Ø165 AL-D / IN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3001	30-50	65	35	40	14	16,5	11-18	1/16"x90°	25	M 6	1,25
3002	50-70	63	35	40							1,10
3003	70-90	58	35	49							1,20
3004	90-110	58	40	52							1,50
3005	110-130	63	40	52							1,44
3006	130-150	66	40	54							1,90
3007	150-170	78	40	54							2,10

AUTOBLOK Ø200-210 AL-D / IN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3010	30-60	85	35	48	17	22	13-19	1/16"x90	25	6 MA	2,10
3011	60-90	80	40	48							2,00
3012	90-120	68	40	50							1,80
3013	120-150	65	40	56							1,80
3014	150-180	70	40	58							2,20
3015	180-230	80	50	58						M8	3,30

AUTOBLOK Ø250 AL-D / IN-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3020	40-70	105	45	48	21	30	17-25	1/16"x90°	25	M6	3,10
3021	70-120	90	45	50						M8	2,50
3022	120-170	75	50	58							2,90
3023	170-230	85	60	58							3,30
3024	230-280	108	60	65					30	M10	4,90

AUTOBLOK Ø250 BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
4020	40-75	107	45	49	21	30	17-25	1/16"x90°	25	M6	3,30
4021	75-110	92	45	49						M8	2,80
4022	110-145	77	50	58							3,00
4023	145-180	82	60	58							4,20
4024	180-215	86	60	65					4,40		
4025	215-250	104	60	65					5,50		
4026	250-285	122	60	65					6,20		

AUTOBLOK Ø250 BB-D

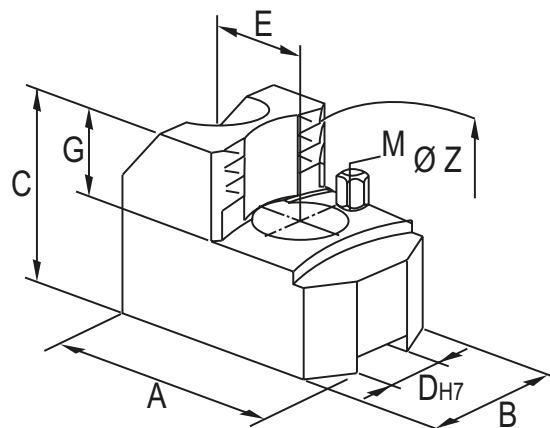
ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
4027	40/70	112	45	48	21	30	17-25	1/16X90	25	M6	3,60
4028	70/100	98	45	48						M8	3,20
4029	100/130	83	45	48							2,60
4030	130/160	75	50	58							3,10
4031	160/190	72	58	58					3,05		
4032	190/220	87	58	65					4,60		
4033	220/250	102	58	65					5,50		

SMW – Autoblok

Griffe temprate per pezzi grezzi
Hard top gripper jaws for workpieces

► SMW - AUTOBLOK

APPOGGI PAG. 25
INSERT SCREWS PAGE 25



► AUTOBLOK Ø315 AL-D / IN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3030	50-100	125	50	49	21	30	17-25	1/16"x90°	25	M6	4,80
3031	100-150	105	50	49						M8	3,90
3032	150-200	88	50	65							4,20
3033	200-250	85	60	65					30	M10	4,50
3034	250-330	115	60	68							5,70

► AUTOBLOK Ø315 BB-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
4035	50-85	130	50	50	21	30	17-25	1/16x90	25	M6	5,30
4036	85-120	115	50	50							4,60
4037	120-155	98	50	55							4,00
4038	155-190	82	50	55					30	M8	3,20
4039	190-225	80	58	65							4,50
4040	225-260	79	58	65							4,20
4041	260/295	97	58	65							5,20
4042	295/330	115	58	65							6,10

AUTOBLOK Ø400 IN-D / AN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3016	100-190	142	50	50	21	30	17-25	1/16"x90°	30	M10	4,90
3017	190-280	100	59	59							4,80
3018	280-370	110	70	65							7,50
3019	370-450	155	80	75							12,00
3016 - 25,5	100-170	163	55	67	*25,5	38	21-31	3-32"x90°	35		8,00
3017 - 25,5	170-240	131	60	67					6,70		
3018 - 25,5	240-310	125	70	85					40		10,20
3019 - 25,5	310-430	165	80	85							12,00

AUTOBLOK Ø500 AL-D / IN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3025	100-175	195	60	60	*25,5	38	21-31	3/32"x90°	40	M8	11,00
3026	175-275	163	60	60						M10	8,30
3027	275-375	113	80	78							9,40
3028	375-475	130	80	85					45		11,00
3029	475-550	179	90	85							13,50

AUTOBLOK Ø630 AL-D / IN-D / BH-D

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3035	210-290	195	68	65	*25,5	38	21-31	3/32"x90°	40	M10	12,60
3036	290-390	163	68	65							10,40
3037	390-490	120	78	80							9,20
3038	490-590	135	78	85					45		11,00
3039	590-660	180	90	90							15,00

*Possono anche essere forniti con quota DH7=28 mm

*Available also in size DH7=28 mm

SMW – Autoblok

Griffe temprate per bloccare pezzi grezzi di piccoli diametri
Hard top gripper jaws for small diameters

► SMW - AUTOBLOK

FIG.1

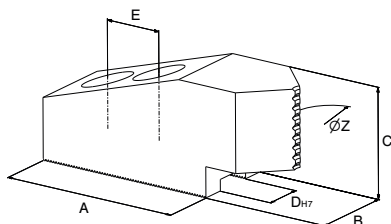
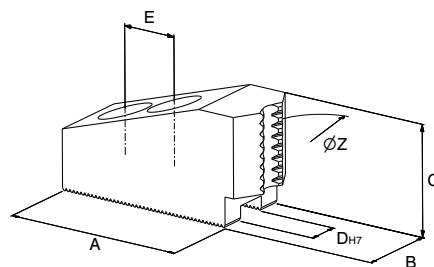


FIG.2



► AUTOBLOK Ø165 BH-D / IL-D / AN-D - AUTOBLOK Ø175 BB-D

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	Peso Kg per serie 3pz Weight Kg 3-piece set
3084	FIG.1	4-15	80	30	40	14	16,5	11-18	1/16X90	1,30
4080	FIG.2	15-30	74	30	40	14	16,5	11-18	1/16X90	1,10

► AUTOBLOK Ø210 BB-D / BH-D / IL-D / AN-D

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	Peso Kg per serie 3pz Weight Kg 3-piece set
3085	FIG.1	4-15	100	35	46	17	23	13-19	1/16X90	2,50
3081	FIG.2	15-35	92	40	49	17	23	13-19	1/16X90	2,90

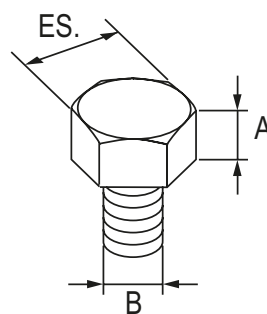
► AUTOBLOK Ø250 BB-D / BH-D / AN-D / IL-D

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	Peso Kg per serie 3pz Weight Kg 3-piece set
4086	FIG.1	4-20	119	45	55	21	30	17-25	1/16X90	3,95
4082	FIG.2	20-45	110	50	50	21	30	17-25	1/16X90	3,8

► AUTOBLOK Ø315 BB-D / BH-D / IL-D / AN-D

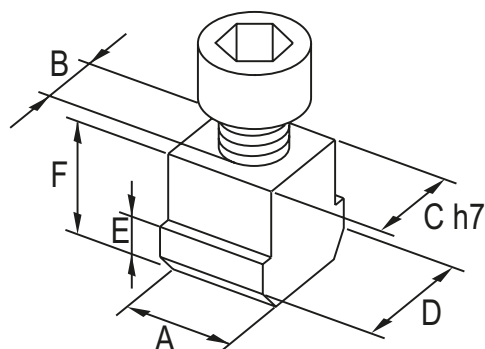
ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	Peso Kg per serie 3pz Weight Kg 3-piece set
4087	FIG.1	5-30	148	45	57	21	30	17-25	1/16X90	5,5
4083	FIG.2	30-60	133	45	57	21	30	17-25	1/16X90	5,3

► **APPOGGI PER GRIFFE TEMPRATE**
 ► **INSERT SCREWS FOR HARD TOP GRIPPER JAWS**



	ART.	ES.	A	Peso Kg per serie 3pz Weight Kg 3-piece set
M6	2750	10	5	0,025
	2751		10	0,035
	2752		15	0,040
	2753		20	0,055
M8	2760	13	5	0,035
	2761		10	0,055
	2762		15	0,070
	2763		20	0,080
M10	2770	17	5	0,050
	2771		10	0,080
	2772		15	0,110
	2773		20	0,135
	2774		25	0,140
	2775		30	0,145
	2776		35	0,150
	2777		40	0,180

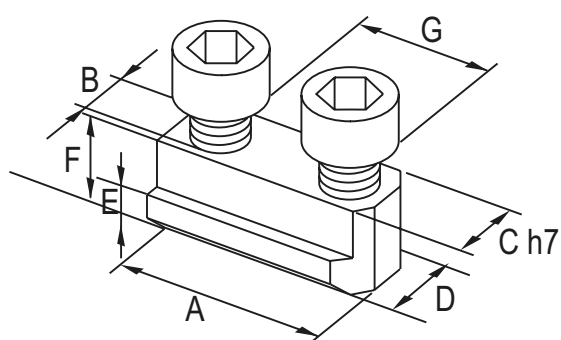
► TASSELLO SINGOLO ► SINGLE T-NUTS



ART.	Autocentrante Chuck Ø	A	B	Ch7	D	E	F	Peso Kg CAD.PZ. Weight Kg per piece
2118	165-170	18	M10	14	20	7,5	20	0,050
2119	200-210-220	18	M12	17	22	8	22	0,045
2120	250-315-400	24	M16	21	29	11	25	0,090
2121	500-630	30	M20	28	35	15	35	0,120
2780	800	32		28	40	15,5	40	0,350
2121-25,5	400-500-630	30		25,5	35	15	35	0,160
2780-25,5	610-630-800	32		25,5	40	15,5	40	0,240

Attenzione! Le viti vengono vendute a parte
Please note: insert screws are sold separately

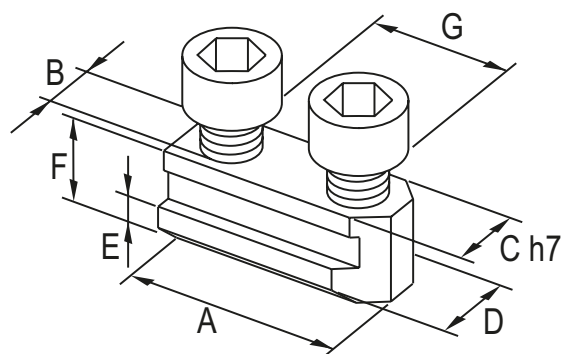
► TASSELLO DOPPIO ► DOUBLE T-NUTS



ART.	Autocentrante Chuck Ø	A	B	Ch7	D	E	F	G	Peso Kg CAD.PZ. Weight Kg per piece
2117	125	30	M 8	12	17	6,5	15	16	0,040
2791	165-170	35	M 10	14	20	7,5	20	16,5	0,065
2792	200-210-220	42	M 12	17	22	8	22	23	0,095
2793	250-315-400	54	M 16	21	29	11	25	30	0,180

Attenzione! Le viti vengono vendute a parte
Please note: insert screws are sold separately

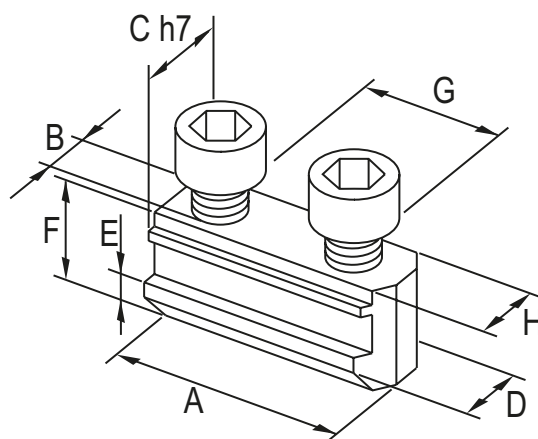
► TASSELLO TIPO BH ► BH T-NUT



ART.	Autocentrante Chuck Ø	A	B	Ch7	D	E	F	G	Peso Kg CAD. PZ. Weight Kg per piece
2790-BH	125	32	M 10	12	15	6,5	15	16	0,035
2791-BH	165-175	32	M 10	14	17	6	18	16,5	0,045
2792-BH	210	43	M 12	17	19	7	20	23	0,080
2793-BH	250-305-315	56	M 16	21	25	10	26,5	30	0,145
2794-BH	400	60	M 16	21	30	14,5	33	34	0,145
2795-BH	400-500	70	M 20	25,5	30	14,5	33	38	

Attenzione! Le viti vengono vendute a parte
Please note: insert screws are sold separately

► TASSELLO TIPO BH RIBASSATO PER AUTOCENTRANTE PASSO METRICO ► BH LOWERED METRIC SERRATION T-NUT FOR CHUCKS



ART.	Autocentrante Chuck Ø	A	B	Ch7	D	E	F	G	H7	Peso Kg CAD. PZ. Weight Kg per piece
2796	165-175	36	M 10	14	17	6	18	20	12	0,040
2797	210	45	M 12	17	19	7	20	25	14	0,065
2798	250	56	M 12	21	25	10	26,5	30	16	0,130

Attenzione! Le viti vengono vendute a parte
Please note: insert screws are sold separately

MORSETTI STANDARD STANDARD JAWS

FIG.1

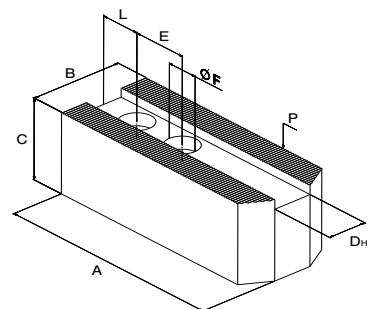


con smusso
with chamfer

FIG.2



senza smusso
without chamfer



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2636	FIG.1	110	50	20	25	8	15	7-11	8	1,5 x 60°	0,20
2637	FIG.1	110-135	55	25	30	10	14	8,5-14	13		0,20
2638	FIG.1	135	60	25	30	10	18	8,5-14	14		0,20
2583	FIG.1	165	72	30	30	12	20	11-18	20		0,35
2584	FIG.1	210	95	35	35	14	25	13-19	24		0,65
2586	FIG.1	254	110	40	40	16	30	13-19	30		1,10
2586-P20	FIG.1	254	110	40	40	16	30	13-19	20		1,10
2587	FIG.2	304	130	50	50	18	30	15-23	39		2,10
2588	FIG.2	304-315	130	50	50	21	30	17-25	39		2,00
2589	FIG.2	381-454	165	60	70	22	43	21-31	37		4,50
2589-25,5	FIG.2	381-454	165	60	70	25,5	43	21-31	37	3 x 60°	4,50
2599	FIG.2	530-610	180	70	70	25	60	21-31	40		5,80

MORSETTI LARGHI WIDE JAWS

FIG.1

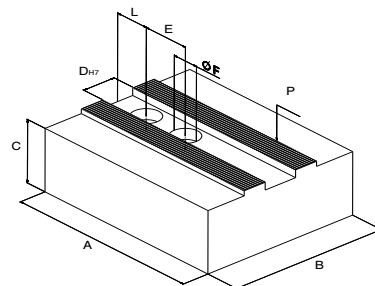


con smusso
with chamfer

FIG.2



senza smusso
without chamfer



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2583-35x35	FIG.1	165	72	35	35	12	20	11-18	20	1,5 X 60°	0,50
2583-50x50	FIG.1	165	72	50	50	12	20	11-18	20		1,00
2584-40x40	FIG.1	210	95	40	40	14	25	13-19	24		0,80
2584-50x50	FIG.1	210	95	50	50	14	25	13-19	24		1,40
2584-60x40	FIG.2	210	95	60	40	14	25	13-19	24		1,40
2584-80x40	FIG.2	210	95	80	40	14	25	13-19	24		4,20
2586-45x45	FIG.1	254	110	45	45	16	30	13-19	30		1,40
2586-50x50	FIG.2	254	110	50	50	16	30	13-19	30		1,80
2586-60x60	FIG.2	254	110	60	60	16	30	13-19	30		2,60
2586-60x40	FIG.2	254	110	60	40	16	30	13-19	30		1,70
2586-80x40	FIG.2	254	110	80	40	16	30	13-19	30		2,30
2586-70x70	FIG.2	254	110	70	70	16	30	13-19	30		4,00
2586-80x80	FIG.2	254	110	80	80	16	30	13-19	30		4,80
2587-80x50	FIG.2	304	130	80	50	18	30	15-23	39		3,50
2588-80x50	FIG.2	304-315	130	80	50	21	30	17-25	39		3,50
2588-80x80	FIG.2	304-315	130	80	80	21	30	17-25	39		5,70
2588-100x100	FIG.2	304	130	100	100	21	30	17-25	39		9,00
2589-80x80	FIG.2	381-454	165	80	80	22	43	21-31	37		7,00

MORSETTI ALTI E LUNGH WIDE AND LONG JAWS

FIG.1

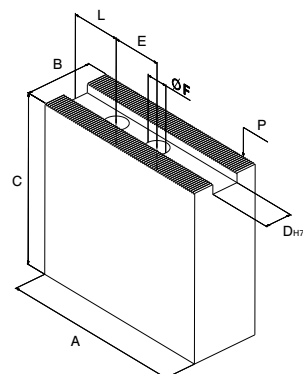


con smusso
with chamfer

FIG.2

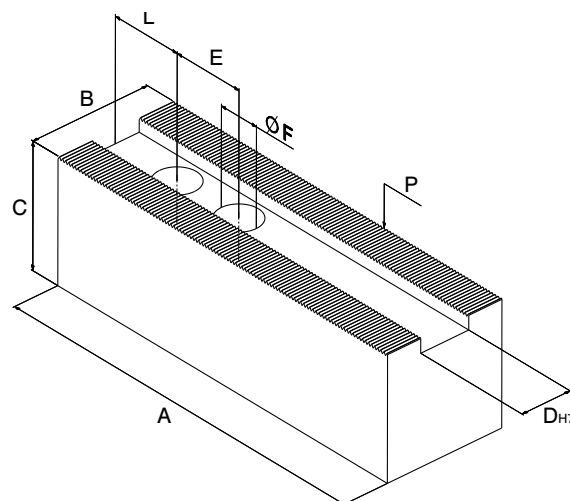
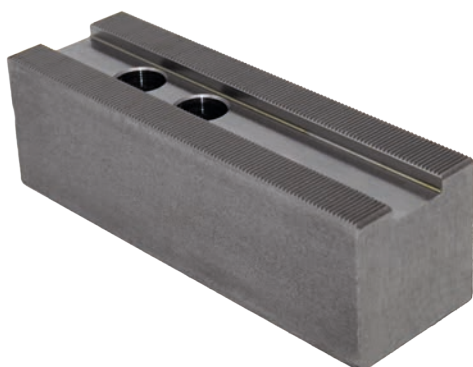


senza smusso
without chamfer



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2639	FIG.1	110	50	25	50	8	15	7-11	12	1,5 x 60°	0,40
2640	FIG.1	110-135	55	25	50	10	14	8,5-14	12		0,40
2641	FIG.1	135	60	25	50	10	18	8,5-14	12		0,45
2642	FIG.1	165	72	30	50	12	20	11-18	20		0,60
2642-C60	FIG.1	165	72	30	60	12	20	11-18	20		0,75
2642-C80	FIG.2	165	72	30	80	12	20	11-18	20		1,00
2642-C100	FIG.2	165	72	30	100	12	20	11-18	24		1,25
2643	FIG.1	210	95	35	50	14	25	13-19	24		1,00
2643-C60	FIG.1	210	95	35	60	14	25	13-19	24		1,20
2644	FIG.2	210	95	35	80	14	25	13-19	24		1,70
3000	FIG.2	210	95	35	100	14	25	13-19	24		2,10
3000-C120	FIG.2	210	95	35	120	14	25	13-19	24		2,50
2645	FIG.2	254	110	40	60	16	30	13-19	30		1,70
2646	FIG.2	254	110	40	80	16	30	13-19	30		2,30
2645-L	FIG.1	254	125	40	60	16	30	13-19	30		1,90
2646-L	FIG.2	254	125	40	80	16	30	13-19	30		2,60
2647	FIG.2	254	110	40	100	16	30	13-19	30		2,80
2647-C120	FIG.2	254	110	40	120	16	30	13-19	30		3,40
2648	FIG.2	304	130	50	80	18	30	15-23	39		3,30
2649	FIG.2	304	130	50	100	18	30	15-23	39		4,20
2649-C120	FIG.2	304	130	50	120	18	30	15-23	39		5,10
2649-C140	FIG.2	304	130	50	140	18	30	15-23	39		6,00
2650	FIG.2	304-315	130	50	80	21	30	17-25	39		3,30
2651	FIG.2	304-315	130	50	100	21	30	17-25	39		4,10
2651-C120	FIG.2	304-315	130	50	120	21	30	17-25	39		5,00
2651-C140	FIG.2	304-315	130	50	140	21	30	17-25	39		5,90
2652	FIG.2	381-454	165	60	80	22	43	21-31	37		5,00
2653	FIG.2	381-454	165	60	100	22	43	21-31	37		6,30
2653-C120	FIG.2	381-454	165	60	120	22	43	21-31	37		7,60
2653-C140	FIG.2	381-454	165	60	140	22	43	21-31	37		8,90
2652-25,5	FIG.2	381-454	165	60	140	25,5	43	21-31	37		5,00
2653-25,5	FIG.2	381-454	165	60	140	25,5	43	21-31	37		6,30
2653-C120-25,5	FIG.2	381-454	165	60	140	25,5	43	21-31	37		7,60
2653-C140-25,5	FIG.2	381-454	165	60	140	25,5	43	21-31	37		8,90
2671	FIG.2	530-610	180	80	100	25	60	21-31	40	3 x 60°	9,70
2672	FIG.2	530-610	180	80	120	25	60	21-31	40		11,70
2674	FIG.2	530-610	180	80	140	25	60	21-31	40		13,00

MORSETTI LUNGH LONG JAWS



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD.PZ. Weight Kg per piece
2583L	FIG.1	165	81	30	30	12	20	11-18	20	1,5 x 60°	0,40
2584L	FIG.1	210	102	35	40	14	25	13-19	24		0,85
2584L-120	FIG.2	210	120	40	40	14	25	13-19	24		1,50
2584L-140	FIG.2	210	140	40	40	14	25	13-19	24		1,40
2586L	FIG.1	254	125	40	40	16	30	13-19	30		1,20
2586L-150	FIG.2	254	150	50	50	16	30	13-19	30		2,50
2586L-180	FIG.2	254	180	50	50	16	30	13-19	30		3,00
2587L	FIG.1	304	145	50	50	18	30	15-23	39		2,30
2587L-160	FIG.2	304	160	50	50	18	30	15-23	39		2,60
2587L-180	FIG.2	304	180	50	50	18	30	15-23	39		2,90
2587L-200	FIG.2	304	200	50	50	18	30	15-23	39		3,30
2588L	FIG.1	304-315	145	50	50	21	30	17-25	39		2,30
2588L-160	FIG.2	304-315	160	50	50	21	30	17-25	39		2,60
2588L-180	FIG.2	304-315	180	50	50	21	30	17-25	39		2,90
2588L-200	FIG.2	304-315	200	50	50	21	30	17-25	39		3,30
2589L-200	FIG.2	381-454	200	70	70	22	43	21-31	37	3 x 60°	6,50
2589L-230	FIG.2	381-454	230	70	70	22	43	21-31	37		7,60
2673	FIG.2	530-610	230	80	80	25	60	21-31	40	3 x 60°	10,30

FIG.1



con smusso
with chamfer

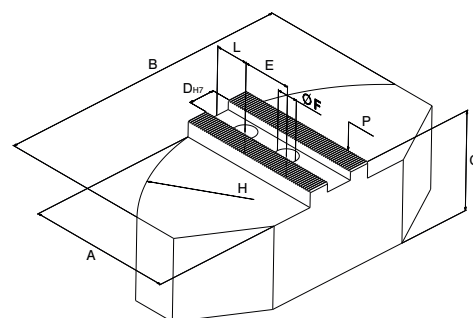
FIG.2



senza smusso
without chamfer

MORSETTI AVVOLGENTI IN ACCIAIO E ALLUMINIO

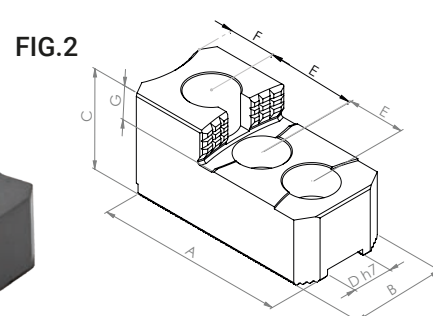
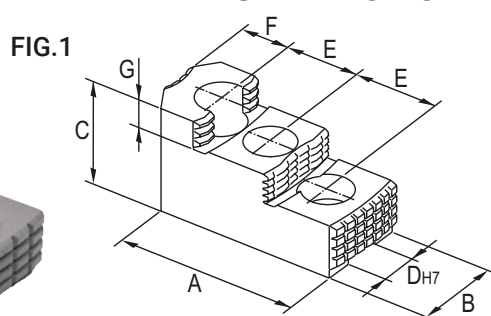
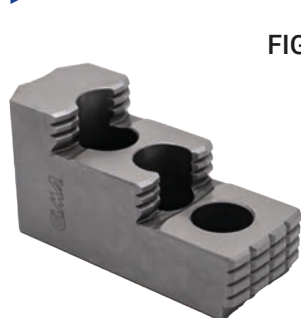
STEEL AND ALUMINUM JAWS



ART.	Materiale Material	Autocentrante Chuck Ø	A	B	C	DH7	E	F	Ø H	L	P	Peso Kg per serie 3pz Weight Kg 3-piece set
3580	Acciaio Steel	165	60	120	40	12	20	11-18	165	15	1,5 x 60°	3,30
3580-A	Alluminio Aluminum				49							1,65
3581	Acciaio Steel	210	75	140	50	14	25	13-19	210	15		7,80
3581-A	Alluminio Aluminum				59							3,30
3582	Acciaio Steel	254	90	180	60	16	30	13-19	250	24		14,70
3582-A	Alluminio Aluminum				78							7,10
3583	Acciaio Steel	304	110	240	60	21	30	17-25	315	25		22,50
3583-A	Alluminio Aluminum				78							10,80
3584	Acciaio Steel	381	120	280	80	22	43	21-31	380	28,5		37,20
3584-A	Alluminio Aluminum				78							13,20

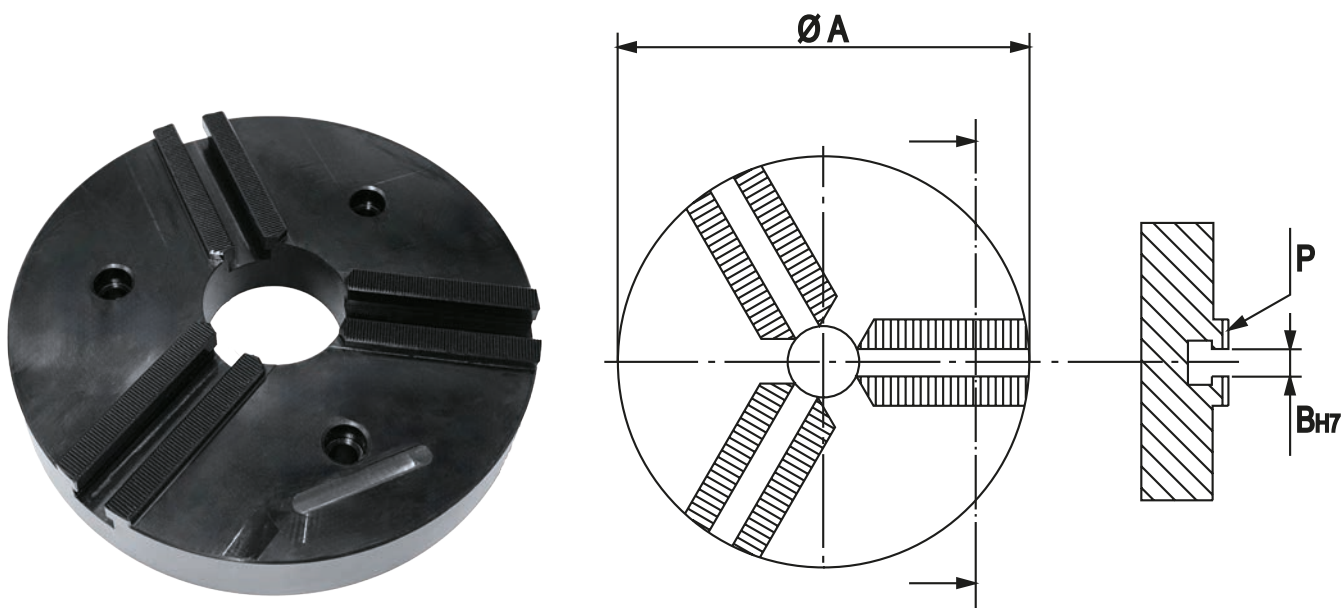
MORSETTI TEMPRATI REVERSIBILI TIPO KITAGAWA

KITAGAWA HARD REVERSIBLE TOP JAWS



ART.	Gradino Step	Autocentrante Chuck Ø	A	B	C	DH7	E	F	P	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB04N1-G	FIG.2	110-135	53	23	27,5	10	14	16	1,5 x 60°	10	0,40
HB06A1-G	FIG.2	165	66,6	31	36	12	20	15		12	0,90
HB08A1-G	FIG.1	210	86	35	51	14	25	15		12	1,90
HB10A1-G	FIG.1	254	99,5	40	54	16	30	23		13	2,80
HB12B1-G	FIG.2	304	97,5	50	55	18	30	19		17	3,75
HB12N1-G	FIG.2	304	103	50	52	21	30	22		17	3,65
HB15A1-G	FIG.2	381-454	143	62	86	22	43	27		20	9,60
HB15N1-G	FIG.2	381-454	149	62	86	25,5	43	28		20	9,60
HB18B2-G	FIG.2	530-610	159,5	90	90	25	50	30	3 x 60°	40	14,50

► FLANGE PER SAGOMATURA DELLE GRIFFE FUORI MACCHINA ► JAW TURNING FLANGES



ART.	Flangia Flange Ø	A	BH7	P	Peso Kg CAD. PZ Weight Kg per piece
2740	135	135	10	1,5 x 60°	2,20
2741	165	165	12		6,00
2742	210	210	14		6,80
2743	250	254	16		12,80
2744	300	304	18		19,80
2745	300	304	21		19,65
2746	380	380	22		31,00

► GRIFFE TEMPRATE PER PEZZI GREZZI ► HARD TOP GRIPPER JAWS

Esempi di bloccaggio con griffe per pezzi grezzi Gripper jaw clamping examples

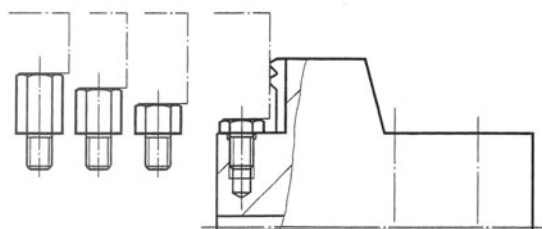


Fig.1

Esempio di bloccaggio con possibilità di regolazione dell'altezza di presa mediante gli appoggi.

Clamping height adjustment by means of insert screws.

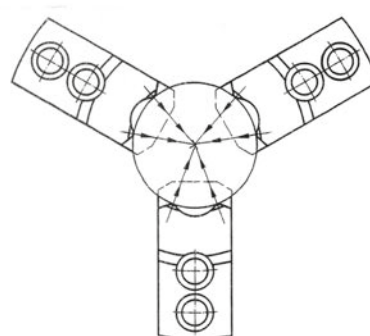


Fig.2

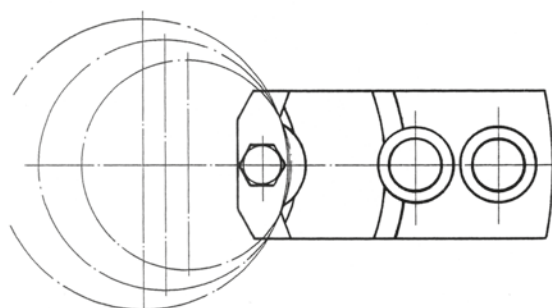
Esempio di assoluta sicurezza di presa grazie al serraggio in sei punti.

The six-point clamping system ensures absolute safe workpiece clamping.

Fig.3

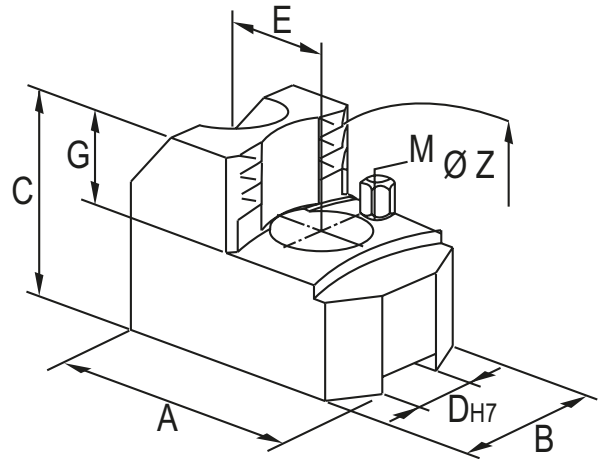
Esempio di bloccaggio di una griffa su vari diametri.

Gripper jaw clamping on various diameters.



GRIFFE TEMPRATE PER PEZZI GREZZI HARD TOP GRIPPER JAWS

APPOGGI PAG. 25
INSERT SCREWS PAGE 25



KITAGAWA Ø165-6" B / BB / BR

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3040	30-50	76	30	40	12	20	11-18	1,5 x 60°	25	M6	1,30
3041	50-70	68	30	40							1,30
3042	70-90	63	35	50							1,40
3043	90-110	58	40	50							1,60
3044	110-130	63	40	50							1,60

KITAGAWA Ø210-8" B / BB / BR

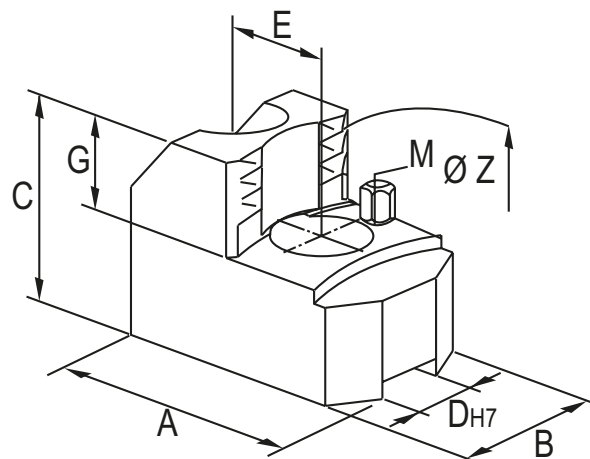
ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3051	30-60	91	35	49	14	25	13-19	1,5 x 60°	25	M6	2,30
3052	60-90	80	35	49							1,90
3053	90-120	68	40	58							2,20
3054	120-150	65	40	58							2,00
3055-1	150-210	72	45	58							2,80
3055-2	180-210	88	45	58							2,80

KITAGAWA Ø254-10" B / BB / BR

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3060	40-80	105	40	49	16	30	13-19	1,5 x 60°	25	M8	3,10
3061	80-120	90	40	49							2,30
3062	120-160	80	45	58							2,65
3063	160-200	80	50	58							3,10
3064	200-280	108	60	65					30	M10	5,40

GRIFFE TEMPRATE PER PEZZI GREZZI HARD TOP GRIPPER JAWS

APPOGGI PAG. 25
INSERT SCREWS PAGE 25



KITAGAWA Ø304-12" B / BB / BR

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3070	50-100	120	50	49	18	30	15-23	1,5 x 60°	25	M8	4,60
3071	100-150	102	50	49					30	M10	3,60
3072	150-200	90	60	65					25	M8	4,80
3073	200-300	115	60	65					30	M10	5,40
3074	50-100	117	50	49	21	30	17-25	1,5 x 60°	25	M8	4,60
3075	100-150	102	50	49					30	M10	3,50
3076	150-200	90	60	65					25	M8	4,70
3077	200-300	115	60	65					30	M10	5,30

KITAGAWA Ø381-15" B15

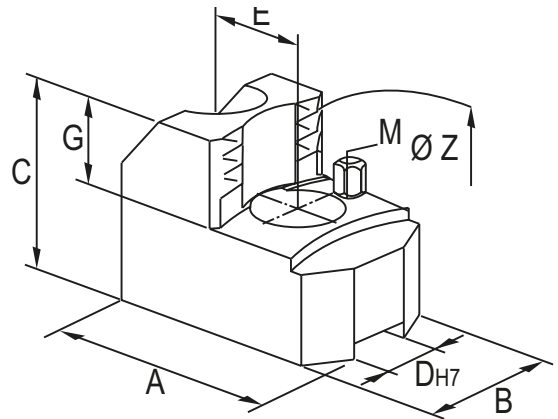
ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3045	100-150	148	60	68	22	43	21-31	1,5 x 60°	45	M8	8,00
3046	150-200	125	60	68						M10	6,50
3047	200-275	108	65	90						M10	8,80
3048	275-350	123	70	90						M10	9,80
3049	350-425	158	80	95						M10	15,20
3050	425-540	240	90	95						M10	27,00

KITAGAWA Ø454-18" B18

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3056	150-250	128	60	68	22	43	21-31	1,5 x 60°	45	M10	6,50
3057	250-350	120	70	90							9,70
3058	350-450	160	80	90							14,20
3059	450-550	210	90	90							21,50
3008	550-650	290	90	95							30,50

GRIFFE TEMPRATE PER PEZZI GREZZI HARD TOP GRIPPER JAWS

APPOGGI PAG. 25
INSERT SCREWS PAGE 25



KITAGAWA Ø454 BB-218 Ø166 open center

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3056 BB218	150-225	150	60	68	25,5	43	21-31	1,5X60	45	M10	8,70
3057 BB218	225-300	120	70	90							10,60
3058 BB218	300-375	118	70	90							10,30
3059 BB218	375-450	160	80	90							15,30
3008 BB218	450-525	205	90	93							21,90

KITAGAWA Ø530-21" B-21

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3065	250-380	130	70	100	25	60	21-31	3 x 60°	50	M10	29,90
3066	380-510	160	80	100					14,60		
3067	510-640	235	90	115					29,50		
3068	640-760	310	100	115					43,00		

KITAGAWA Ø530 BB-221 Ø166 open center

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3065 BB221	230-350	135	70	100	25,5	43	21-31	1,5 x 60°	45	M10	12,30
3066 BB221	350-470	142	80	100							16,00
3067 BB221	470-590	217	90	115							29,20
3068 BB221	590-710	280	90	120							38,60

KITAGAWA Ø610-24" B/BB/BR

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3101	300-460	130	80	95	25	60	21-31	3 x 60°	50	M10	13,90
3102	460-620	200	90	110					24,30		
3103	620-780	290	100	115					39,70		
3104	750-900	365	100	120					52,00		

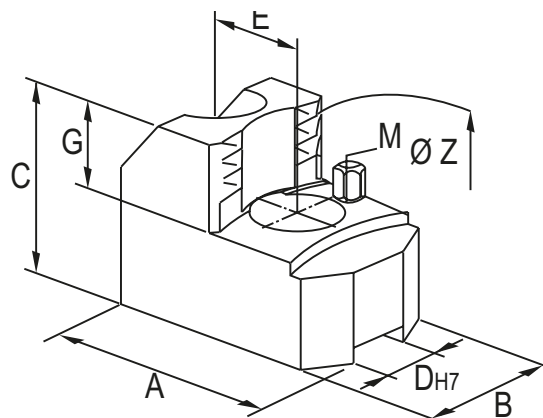
GRIFFE TEMPRATE PER PEZZI GREZZI

Samchully MH con grande passaggio barra

HARD TOP GRIPPER JAWS

Samchully MH with large open center

APPOGGI PAG. 25
INSERT SCREWS PAGE 25



SAMCHULLY Ø450 MH-218

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	D _{H7}	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3056 S218	150-225	15	60	68	22	50	21-31	1,5X60	45	M10	8,70
3057 S218	225-300	120	70	90	22	50	21-31	1,5X60	45	M10	10,90
3058 S218	300-375	113	70	90	22	50	21-31	1,5X60	45	M10	10,40
3059 S218	375-450	158	80	90	22	50	21-31	1,5X60	45	M10	15,40
3008 S218	450-525	203	90	93	22	50	21-31	1,5X60	45	M10	22,00

SAMCHULLY Ø530 MH-221

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	D _{H7}	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3065 S221	250-350	135	70	100	25	60	21-31	3X60°	50	M10	15,50
3066 S221	350-450	140	80	100	25	60	21-31	3X60°	50	M10	15,20
3067 S221	450-550	200	90	115	25	60	21-31	3X60°	60	M10	27,30
3068 S221	550-650	250	90	115	25	60	21-31	3X60°	60	M10	32,50

SAMCHULLY Ø610 MH-224

ART.	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	D _{H7}	E	Ø F	P	G	M	Peso Kg per serie 3pz Weight Kg 3-piece set
3101 S224	250-390	150	78	95	25	60	21-31	3X60°	50	M10	15,30
3102 S224	390-530	145	90	110	25	60	21-31	3X60°	60	M10	19,10
3103 S224	530-670	220	100	115	25	60	21-31	3X60°	60	M10	31,80
3104 S224	670-810	305	100	115	25	60	21-31	3X60°	60	M10	41,50

► GRIFFE TEMPRATE PER PEZZI GREZZI DI PICCOLI DIAMETRI

► HARD TOP GRIPPER JAWS FOR SMALL DIAMETER WORKPIECES

FIG.1

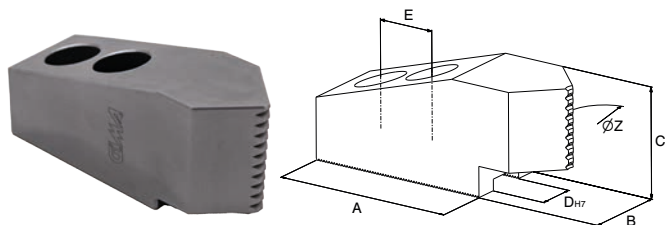
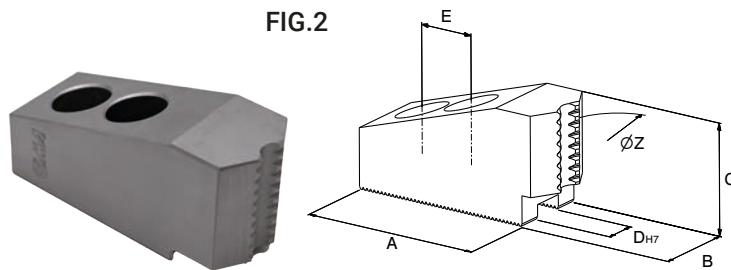


FIG.2



► KITAGAWA Ø165-6" BB-BR

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	Peso Kg per serie 3pz Weight Kg 3-piece set
3095	FIG.1	4-15	79	30	40	12	20	11-18	1,50
3090	FIG.2	15-30	75	30	40	12	20		2,40

► KITAGAWA Ø210-8" BB-BR

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	Peso Kg per serie 3pz Weight Kg 3-piece set
3096	FIG.1	4-15	94	35	46	14	25	13-19	2,40
3091	FIG.2	15-35	90	35	49	14	25		2,50
4051	FIG.2	35-65	81	35	49	14	25		2,00

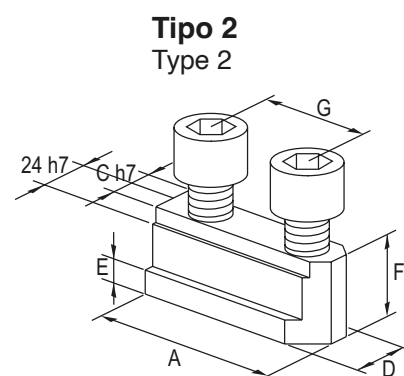
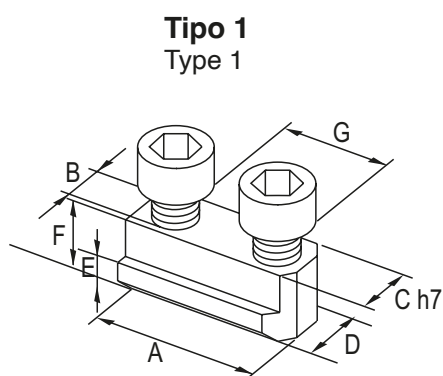
► KITAGAWA Ø254-10" BB-BR

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	Peso Kg per serie 3pz Weight Kg 3-piece set
3097	FIG.1	4-20	111	40	50	16	30	13-19	3,90
3092	FIG.2	20-45	105	40	50	16	30		3,50
4060	FIG.2	40-80	94	40	49	16	30		3,00

► KITAGAWA Ø304-12" BB-BR

ART.	Denti Serration	Campo di bloccaggio Ø Z Clamping area Ø Z	A	B	C	DH7	E	Ø F	Peso Kg per serie 3pz Weight Kg 3-piece set
3098	FIG.1	5-30	124	45	59	18	30	15-23	5,20
3093	FIG.2	30-50	112	45	57	18	30		4,70
3099	FIG.1	5-30	128	45	59	21	30	17-25	4,20
3094	FIG.2	30-50	118	45	57	21	30		4,50
4074	FIG.2	50-100	108	50	60	21	30		4,80

TASSELLI DOPPI DOUBLE T-NUTS



ART.	Ø Autocentrante Chuck Ø	Tipo Type	A	B	Ch7	D	E	F	G	Peso Kg CAD. PZ Weight Kg per piece
3100	110-135	1	26	M8	10	15	5,5	15	14	0,030
2122	165		36	M10	12	17,5	7,5	18,5	20	0,050
2122-H	165		36	M10	12	17,5	7,5	22,5	20	0,060
2123	210		46,5	M12	14	20,5	8,5	20,5	25	0,080
2123-H	210		48	M12	14	20,5	9,5	25,5	25	0,010
2124	254		51	M12	16	22,5	8,5	21,5	30	0,120
2124-H	254		55	M12	16	22,5	9,5	25,5	30	0,140
2125	304		55,5	M14	18	26,5	13,5	33,5	30	0,220
2654	304		55,5	M16	21	29,5	11,5	27,75	30	0,200
2654/BB212	304		58	M16	21	29,5	11,5	22,5	30	0,15
2655	381-454	2	80	M20	22	33,5	16,5	45,5	43	0,520
2655-A	530-610	1	90	M20	25	37,5	19	45	50	0,570
2655-B	530-610		100	M20	25	37,5	19	45	60	0,570
2655-C	381-454		80	M20	25,5	35	19	39,25	43	0,560

Attenzione! Le viti vengono vendute a parte
Please note: screws are sold separately

MORSETTI STANDARD STANDARD JAWS

FIG.1

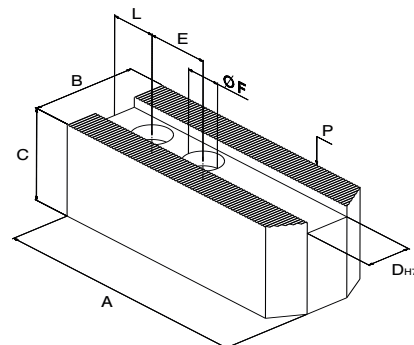


con smusso
with chamfer

FIG.2



senza smusso
without chamfer



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2637	FIG.1	110-135	55	25	30	10	14	9-15	10	1,5 x 60°	0,20
2546	FIG.1	110-135	55	25	25	11	16	9-15	10		0,20
2583	FIG.1	165	72	30	30	12	20	11-18	20		0,35
2584	FIG.1	210	95	35	35	14	25	13-19	24		0,65
2549	FIG.1	210	95	40	40	16	25	13-19	24		1,00
2586	FIG.1	254	110	40	40	16	30	13-19	30		1,10
2551	FIG.1	254	110	45	45	18	30	15-23	30		1,40
2587	FIG.2	304	130	50	50	18	30	15-23	39		2,10
2619	FIG.2	304	130	50	50	21	35	17-25	39	3 x 60°	2,10
2544	FIG.2	381	160	70	70	26	50	21-31	37		5,20

MORSETTI ALTI HIGH JAWS

FIG.1

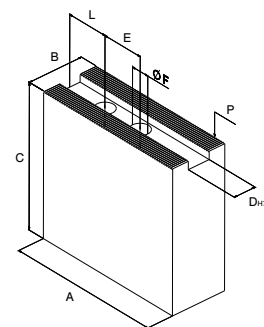


con smusso
with chamfer

FIG.2



senza smusso
without chamfer



ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2640	FIG.1	110-135	55	25	50	10	14	9-15	10	1,5 x 60°	0,40
2621	FIG.1	110-135	55	25	50	11	16	9-15	10		0,40
2642	FIG.1	165	72	30	50	12	20	11-18	20		0,60
2643-C60	FIG.1	210	95	35	60	14	25	13-19	24		1,00
2644	FIG.2	210	95	35	80	14	25	13-19	24		1,70
2625	FIG.2	210	95	40	60	16	25	13-19	24		1,40
2626	FIG.2	210	95	40	80	16	25	13-19	30		2,00
2645	FIG.2	254	110	40	60	16	30	13-19	30		1,70
2646	FIG.2	254	110	40	80	16	30	13-19	30		2,30
2647	FIG.2	254	110	40	100	16	30	13-19	30		2,80
2630	FIG.2	254	110	40	60	18	30	15-23	30		1,70
2631	FIG.2	254	110	40	80	18	30	15-23	30		2,00
2648	FIG.2	304	130	50	80	18	30	15-23	39		3,30
2649	FIG.2	304	130	50	100	18	30	15-23	39		4,20
2649 - C120	FIG.2	304	130	50	100	18	30	15-23	39		5,10
2649 - C140	FIG.2	304	130	50	100	18	30	15-23	39		6,00
2650	FIG.2	304	130	50	80	21	35	17-25	39		3,30
2651	FIG.2	304	130	50	100	21	35	17-25	39		4,10
2651 - C120	FIG.2	304	130	50	100	21	35	17-25	39		5,00
2651 - C140	FIG.2	304	130	50	100	21	35	17-25	39		5,90

MORSETTI TEMPRATI REVERSIBILI HOWA - KITAGAWA

HOWA - KITAGAWA HARD REVERSIBLE TOP JAWS

FIG.1

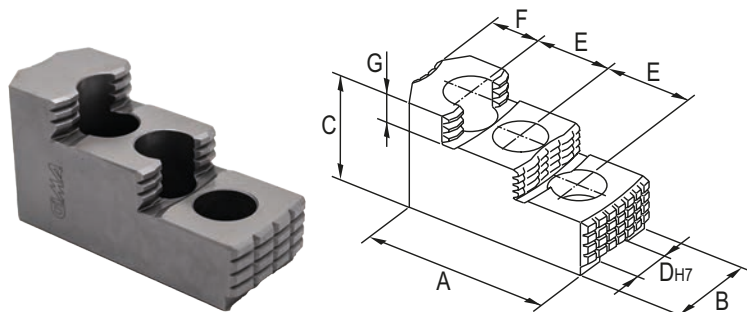
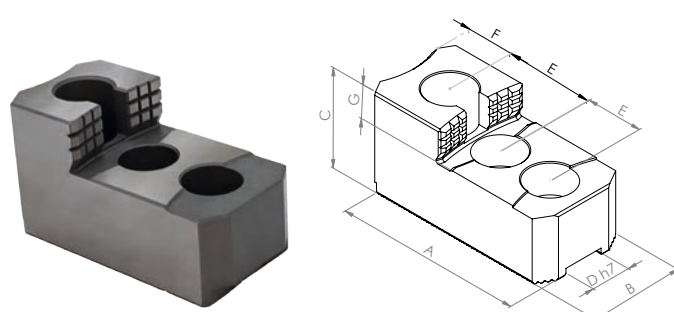


FIG.2



ART.	Gradino Step	Autocentrante Chuck Ø	A	B	C	DH7	E	F	P	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB04N1-G	FIG.2	110-135	53	23	27,5	10	14	9-15	1,5 x 60°	10	0,40
HB06A1-G	FIG.2	165	66,6	31	36	12	20	11-18		12	0,90
HB08A1-G	FIG.1	210	86	35	51	14	25	13-19		12	1,90
HB10A1-G	FIG.1	254	99,5	40	54	16	30	13-19		13	2,80
HB12B1-G	FIG.2	304	97,5	50	55	18	30	15-23		17	3,75
HB12N1-G	FIG.2	304	103	50	52	21	30	17-25		17	3,65
HB15A1-G	FIG.2	381-454	143	62	86	22	43	21-31		20	9,60
HB15N1-G	FIG.2	381-454	149	62	86	25,5	43	21-31	3 x 60°	20	9,80
HB18B2-G	FIG.2	530-610	159,5	90	90	25	50	21-31		40	14,50

Kitagawa JN..T Leave MCA NBK

Autocentranti manuali Manual chucks

FIG.1

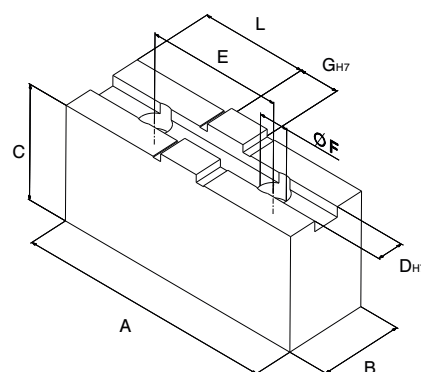


FIG.2



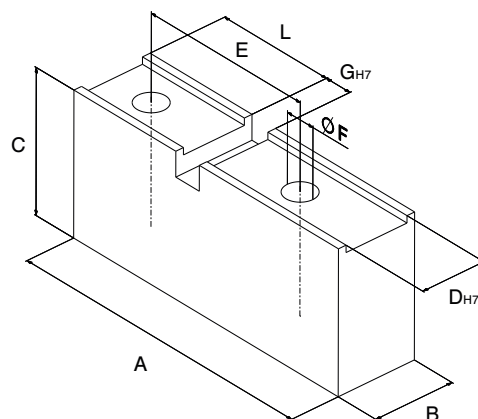
con smusso
with chamfer

senza smusso
without chamfer



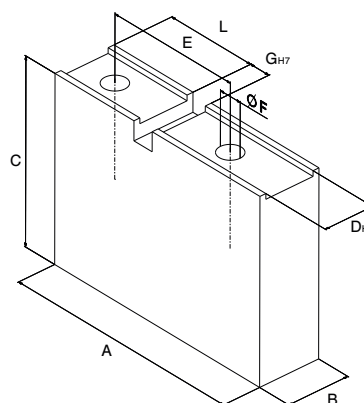
ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2077	FIG.2	165 - 6"	74	30	45	7,95	12,7	38	9-15	30,5	0,60
2077L	FIG.1		84								0,70
2721	FIG.2	190 - 7"/8"	87	30	45	7,95	12,7	44,5	11-18	37	0,70
2721L	FIG.1		97								0,80
2079	FIG.2	232 - 270 9"-10"	103	35	50	12,7	19,05	54	13-19	42	1,10
2079L	FIG.1		115								1,20
2080	FIG.2	310 - 12"	120	40	60	12,7	19,05	63,5	13-19	59	1,90
2080L	FIG.1		135								2,10

► PINTO MANUALE ► PINTO MANUAL



ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	GH7	L	Peso Kg CAD. PZ Weight Kg per piece
2011	105	50	20	20	14	25	7-11	9	16,5	0,10
2012	130	60	20	25	16	36	7-11	9	21,5	0,30
2013	160	70	25	30	18	40	7-11	9	25,5	0,35
2014	180-200	95	30	40	20	53	9-15	10	34,5	0,70
2015	230-250	110	30	40	22	62	9-15	11	42	0,85
2016	270	120	35	50	25	68	11-18	12	45	1,35
2017	310	135	35	60	28	76	13-19	12	52	1,85
2018	350-380	160	40	60	30	92	13-19	12	58	2,60
2019	430	190	50	70	36	120	13-19	12	79	4,70
2020	510	220	60	90	40	120	13-19	12	83	9,60
2021	600	220	60	90	46	130	13-19	12	94	9,50

MORSETTI ALTI HIGH JAWS



ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	GH7	L	Peso Kg CAD. PZ Weight Kg per piece
2014 C50	180-200	95	30	50	20	53	9-15	10	34,5	0,90
2014 C60	180-200	95	30	60	20	53	9-15	10	34,5	1,10
2014 C80	180-200	95	30	80	20	53	9-15	10	34,5	1,70
2015 C50	230-250	110	30	50	22	62	9-15	11	42	1,00
2015 C60	230-250	110	30	60	22	62	9-15	11	42	1,30
2015 C80	230-250	110	30	80	22	62	9-15	11	42	1,70
2015 C100	230-250	110	30	100	22	62	9-15	11	42	2,20
2017 C80	310	135	35	80	28	76	13-19	12	52	2,50
2017 C100	310	135	35	100	28	76	13-19	12	52	3,50
2017 C120	310	135	35	120	28	76	13-19	12	52	3,80

PINTO IDRAULICO/PNEUMATICO PASSO 1/16"x 90° PINTO HYDRAULIC/PNEUMATIC SERRATION 1/16" x 90°

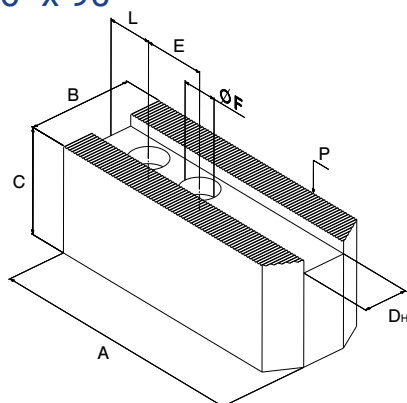


FIG.1

FIG.2

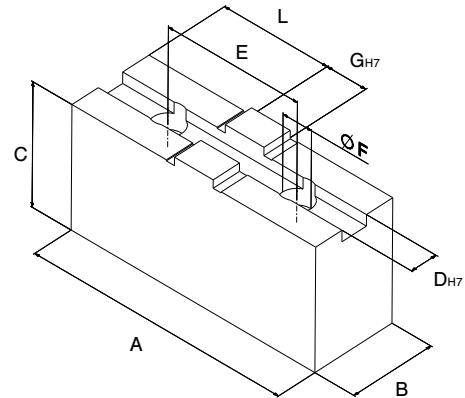
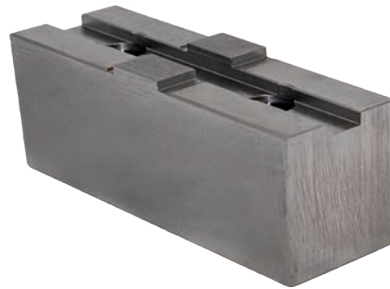


con smusso
with chamfer

senza smusso
without chamfer

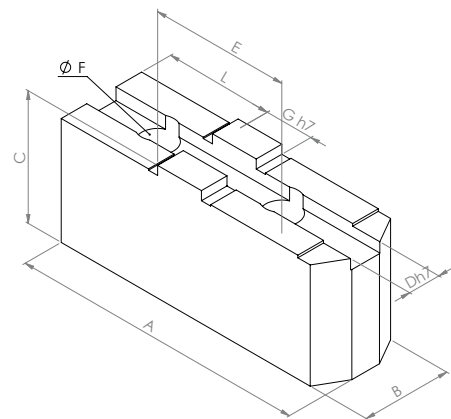
ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2575	FIG.2	125	60	30	30	12	13	9-15	15	1/16"x90°	0,25
2002	FIG.1	160	70	35	35	14	16,5	11-18	16		0,50
2577	FIG.1	200-210-220	90	40	50	17	22	13-19	20		1,10
2578	FIG.1	250	110	50	50	21	28	17-25	22		1,60
2579	FIG.2	315	140	50	60	21	30	17-25	22		2,60
2008L-160	FIG.2	400	160	60	60	21	30	17-25	27	3/32"x90°	3,80
2581	FIG.2	500	170	70	70	28	38	21-31	27		5,80
2582	FIG.2	630	250	70	70	28	38	21-31	27		8,40

► FIAL (SOGIMUT) - WESSEL - PINTO DG.SG. - BISON - Manuale Manual Standard



ART.	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2720	160	74	30	45	7,95	12,7	38	11-18	30	0,50
2721	200	87	30	45			44,5	11-18	37	0,65
2722	250	103	35	50	12,7	19,03	54	14-20	42	1,00
2723	315	120	40	60			63,5	14-20	50	1,80
2724	400	137	40	60			76	17-25	59	1,90
2800	500-630	160	50	70			76	21-31	70	4,80

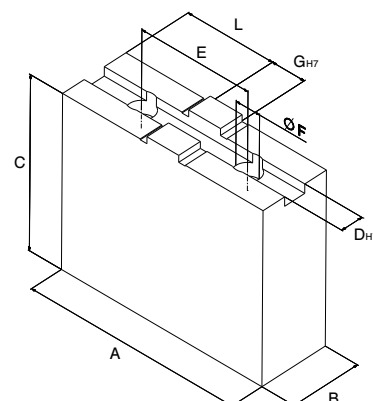
► FIAL (SOGIMUT) - WESSEL - PINTO DG.SG. - BISON - Manuale Manual Lunghi Long



ART.	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2720L	160	87	30	45	7,95	12,7	38	11-18	30	0,70
2721L	200	97	30	45			44,5	11-18	37	0,80
2722L	250	115	35	50	12,7	19,03	54	14-20	42	1,20
2723L	315	135	40	60			63,5	14-20	50	2,00
2724L	400	155	40	60			76	17-25	59	2,20

► FIAL (SOGIMUT) - WESSEL - PINTO DG.SG. - BISON - Manuale Manual

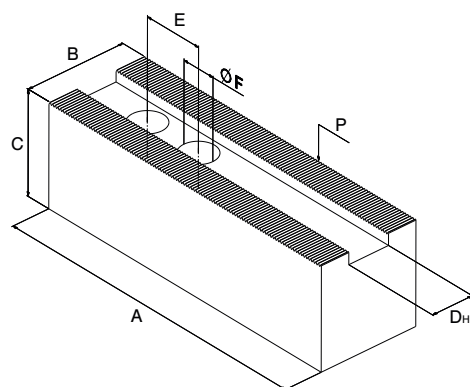
Alti High



ART.	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2720-C60	160	74	30	60	7,95	12,7	38	11-18	30	0,80
2720-C80	160	74	30	80			38	11-18	30	1,00
2720-C100	160	74	30	100			38	11-18	30	1,30
2721-C60	200	87	30	60			44,5	11-18	37	0,95
2721-C80	200	87	30	80			44,5	11-18	37	1,30
2721-C100	200	87	30	100			44,5	11-18	37	1,60
2722-C60	250	103	35	60	12,7	19,03	54	14-20	42	1,30
2722-C80	250	103	35	80			54	14-20	42	1,80
2722-C100	250	103	35	100			54	14-20	42	2,30
2723-C80	315	120	40	80			63,5	14-20	50	2,50
2723-C100	315	120	40	100			63,5	14-20	50	3,20
2724-C80	400	137	40	80			76	17-25	59	2,70
2724-C100	400	137	40	100			76	17-25	59	3,40
2800-C100	500-630	160	50	100			76	17-25	59	5,00
2800-C120	500-630	160	50	120			76	21-31	59	6,00

► FIAL - MANUALE PASSO 1/16" x 90°

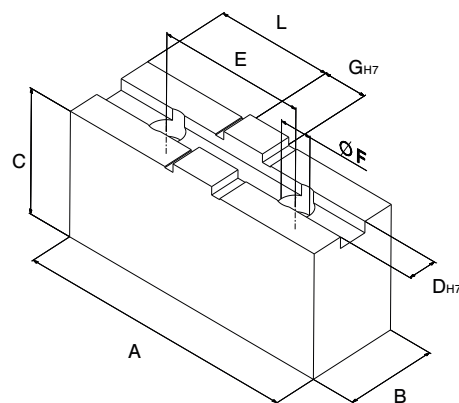
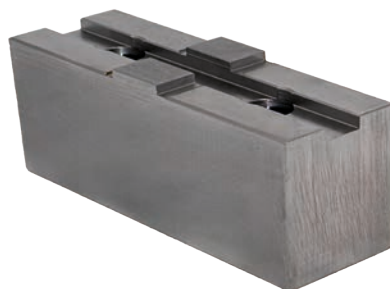
► FIAL - MANUAL SERRATION 1/16" x 90°



ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	P	Peso Kg CAD. PZ Weight Kg per piece
2536	160	73	20	35	8	19,05	7-11	1/16"x90°	0,30
2537	180-200	87,3	25	40	10	23,81	9-15		0,50
2538	230	103,2	25	40	10	28,57	9-15		0,60
2539	250-270	117,5	30	50	12	33,34	11-18		1,10
2540	310-350	136,5	30	60	14	36,5	13-19		1,60

► MANUALE - Standard

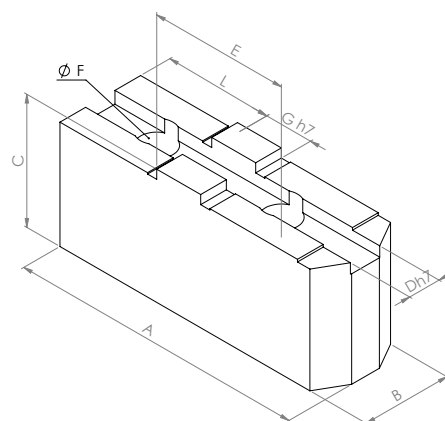
► MANUAL - Standard



ART.	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2075	100	53	20	30	7,95	9,5	24	7-11	21	0,20
2076	125	62	25	35	7,95	12,7	32	9-15	25	0,30
2077	160	74	30	45	7,95	12,7	38	9-15	30	0,55
2078	200	87	30	45	7,95	12,7	44,5	9-15	37	0,70
2079	250	103	35	50	12,7	19,05	54	13-19	42	1,10
2080	315	120	40	60	12,7	19,05	63,5	13-19	59	1,90
2081	350-400	137	40	60	12,7	19,05	76	13-19	64	2,10

► MANUALE - Lunghi

► MANUAL - Long



ART.	Autocentrante Chuck Ø	A	B	C	DH7	Gh7	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2077-L	160	84	30	45	7,95	12,7	38	9	30	0,60
2078-L	200	97	30	45	7,95	12,7	44,5	9	37	0,80
2079-L	250	115	35	50	12,7	19,05	54	13	42	1,30
2080-L	315	135	40	60	12,7	19,05	63,5	13	59	2,10

PNEUMATICO IDRAULICO PASSO 1/16" x 90°

PNEUMATIC HYDRAULIC SERRATION 1/16" x 90°

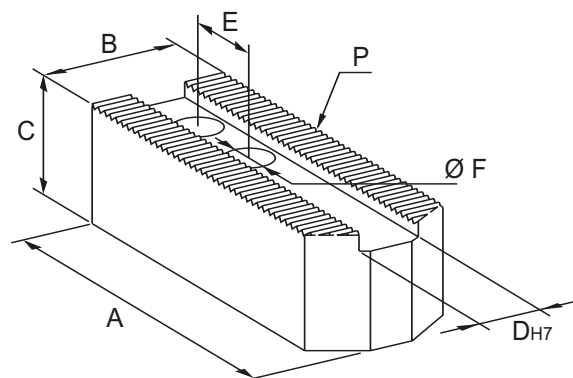


FIG.1

FIG.2



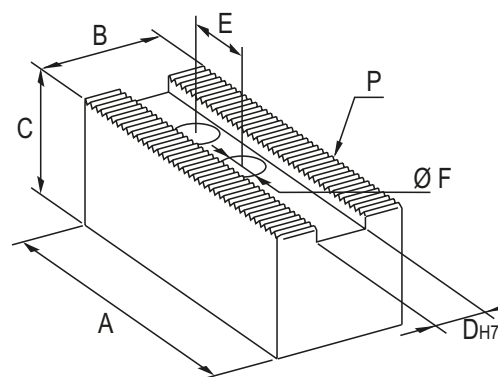
con smusso
with chamfer

senza smusso
without chamfer

ART.	Smusso Chamfer	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	P	Peso Kg CAD. PZ Weight Kg per piece
2601	FIG.2	110	53	25	30	10	13	7	1/16" x 90°	0,60
2001	FIG.1	130-140	60	30	30	12	16	9		0,30
2082	FIG.2	160-170	70	35	40	12	15	8,5		0,65
2083	FIG.2	200	90	40	50	17	19	13		1,10
2578	FIG.1	250	110	50	50	21	28	17		1,60
2007	FIG.1	315	125	50	50	21	30	17		1,90
2074	FIG.2	400-500	155	60	80	25,5	35	21	3/32" x 90°	4,80

PNEUMATICO IDRAULICO PASSO 1,5" x 60°

PNEUMATIC HYDRAULIC SERRATION 1/5" x 60°

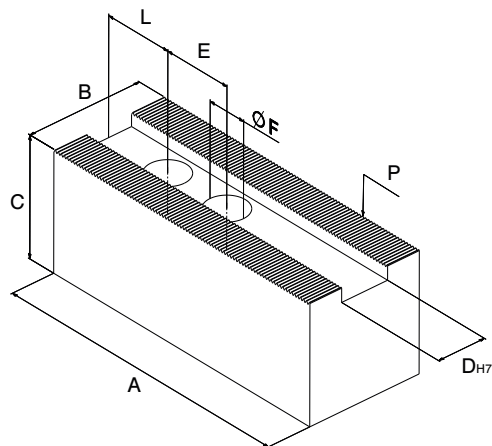


ART.	Autocentrante Chuck Ø	A	B	C	DH7	E	Ø F	P	Peso Kg CAD. PZ Weight Kg per piece
2604	105	53	20	30	10	15	9	1,5 x 60°	0,20
2605	130	53	25	30	11	15	9		0,25
2606	160	67	30	45	11	20	9		0,50
2607	215	90	40	50	14	26	11		1,20
2608	250	90	50	60	20	26	13		1,80
2609	280	90	50	60	20	26	13		1,80
2610	315	120	50	80	21	28	15		3,00
2611	350	120	50	80	21	28	17		3,00

► FORKARDT

Pneumatico idraulico

Pneumatic hydraulic



► FORKARDT - pneumatico idraulico ► FORKARDT - pneumatic hydraulic

ART.	Ø Aut. Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2069	160	70	40	60	17	22	13-19	20	1/16" x 90°	1,00
2070	200	90	40	60	17	22	13-19	20		1,40
2071	250-315	120	50	80	21	30	17-25	30		3,10
2074	400-500	155	60	80	25,5	35	21-31	30	3/32" x 90°	4,80

► GFB - autocentranti manuali ► GFB - manual chuck

ART.	Ø Aut. Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2041	105	50	15	25	5,3	12	5-8,5	11	2,5 x 60°	0,10
2042	130	60	20	25	6,2	15	6-10	15		0,20
2043	160	80	20	30	7,5	18	7-11	25		0,30
2044-2045	190-200	95	25	40	10	25	9-15	25		0,60
2046	230-250	110	25	40	10	25	9-15	25		0,70
2047	270	120	30	50	11	30	11-18	25		1,20
2048	310	140	30	50	12	30	11-18	26		1,40

► BERG - pneumatico idraulico ► BERG - pneumatic hydraulic

ART.	Ø Aut. Chuck Ø	A	B	C	DH7	E	Ø F	L	P	Peso Kg CAD. PZ Weight Kg per piece
2086	140-160	70	30	40	10	19	11-18	15	1/16" x 90°	0,45
2087	175-200	85	30	50	12	21	13-19	18		0,60
2088	200	90	30	60	12	21	13-19	15		1,00
2089	250	110	40	60	16	29	17-25	18		1,60
2071	315-360	120	50	80	21	28	17-25	22		3,10
2091	400-500	140	60	90	25,5	36	21-31	26	3/32" x 90°	3,80
2092	630	180	60	60	25,5	36	21-31	30		4,90

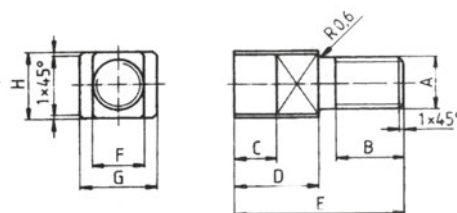
► BERG

Tasselli per mandrini tipo "KH"

T-nuts for KH chucks

Tirante TS

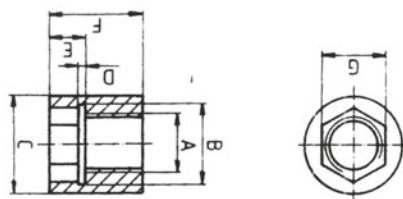
TS stud



ART.	Tipo Type	Ø Mandrino Chuck	A	B	C	D	E	Fg6	G	H	Peso Kg CAD. PZ Weight Kg per piece
2801	TS 10	140-160	M 10	12	10	21,2	36	10	16	13	0,025
2802	TS 12	175-200	M 12	14	9	23,2	40,5	12	18	14	0,045
2803	TS 16	250-315	M 16	18	12	27,2	50	16	24	18	0,100
2804	TS 20	400-500-630	M 20	23	16	33,2	62	20	30	25	0,125

Dado TM

TM screw nut

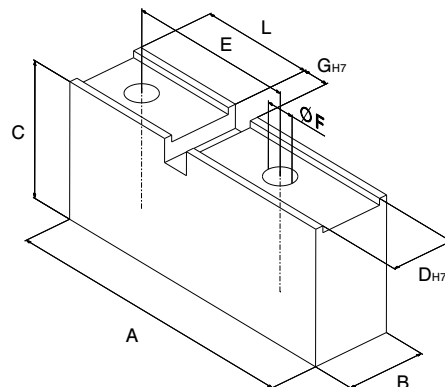


ART.	Tipo Type	Ø Mandrino Chuck	A	B	C	D	E	F	GE	Peso Kg CAD. PZ Weight Kg per piece
2805	TM 10	140-160	M 10	12	16	2	7	16	SW 10	0,010
2806	TM 12	175-200	M 12	14	17,8	2	8	19	SW 12	0,025
2807	TM 16	250-315	M 16	20	24,5	2	10	25	SW 17	0,035
2808	TM 20	400-500-630	M 20	26	32	2,5	12,5	32	SW 22	0,053

Omap Triblok

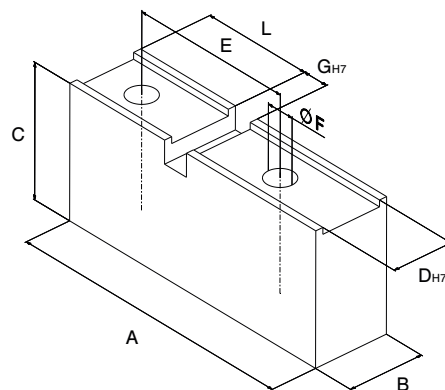
Manuale
Manual

► TRIBLOK MANUALE - Nuovo ► TRIBLOK MANUAL - New



ART.	Autocentrante Chuck Ø	A	B	C	D _{H7}	G _{H7}	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2552/N	85	50	20	30	12	6	20	7-11	13	0,20
2553/N	100	50	20	30	12	6	20	7-11	13	0,20
2554/N	125	70	25	40	16	6	20	9-15	20	0,35
2555/N	160	70	25	40	16	6	20	9-15	23	0,35
2556	175-200	90	30	40	19	8	26	9-15	28	0,70
2556/N	200-225	90	30	40	20	10	26	9-15	28	0,70
2557	225-250	110	35	50	22	10	32	11-18	33	1,30
2558/N	280	130	40	60	25	12	32	13-19	38	2,10
2558	315	130	40	60	27	12	38	13-19	38	2,10
2559/N	350-400	160	50	70	32	16	48	17-25	45	3,70
2560/N	450	200	50	80	38	19	60	17-25	56	5,40

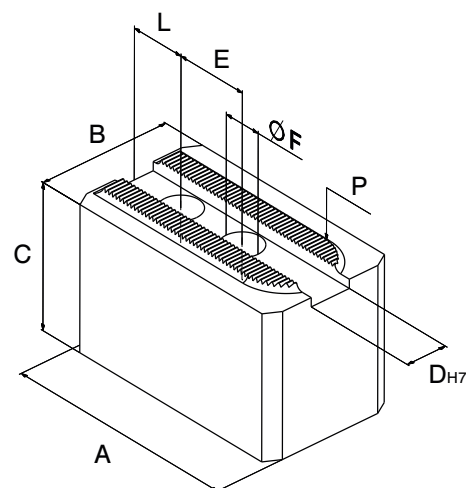
► TRIBLOK MANUALE ► TRIBLOK MANUAL



ART.	Autocentrante Chuck Ø	A	B	C	D _{H7}	G _{H7}	E	Ø F	L	Peso Kg CAD. PZ Weight Kg per piece
2552	80-85	42	20	25	12	6	20	7-11	13	0,20
2553	100	50	20	30	12	6	20	7-11	13	0,20
2554	125-130	65	25	35	15	6	20	7-11	20	0,35
2555	160	70	25	35	16	6	20	9-15	23	0,35
2556	175-200	90	30	40	19	8	26	9-15	28	0,70
2557	225-250	110	35	50	22	10	32	11-18	33	1,30
2558	315	130	40	60	27	12	38	13-19	38	2,10
2559	400	160	50	70	32	16	48	17-25	45	3,70
2560	450	200	50	80	38	16	60	17-25	56	5,40

Morsetti Hainbuch

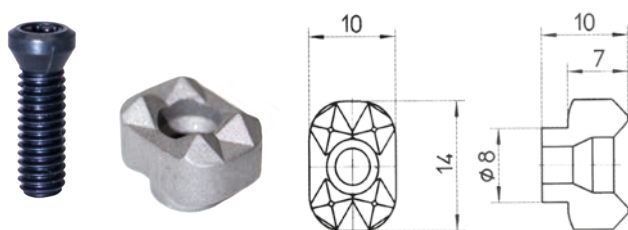
Hainbuch jaws



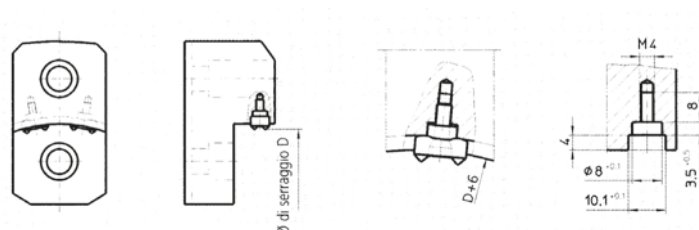
ART.	A	B	C	D	E	Ø F	L	P	Peso Kg CAD. PZ Weight Kg per piece
5001	66	45	40	14	25	13-19	19	1,5x60°	0,7
5002	66	45	50	14	25	13-19	19		0,9
5003	80	45	50	14	25	13-19	19		1,15
5004	95	45	50	14	25	13-19	19		1,4
5005	110	40	40	16	30	13-19	25		1,1

CUSPIDI TEMPRATI PER GRIFFE HARD INSERTS

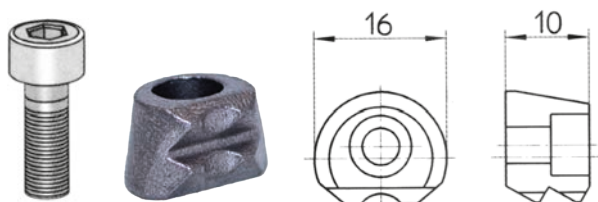
► UGE 10 - ART. 3585



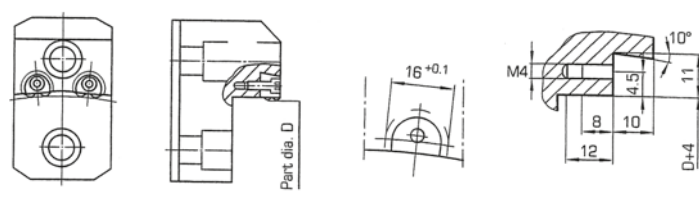
Esempio d'impiego Usage example



► UGE 20 - ART. 3586



Esempio d'impiego Usage example



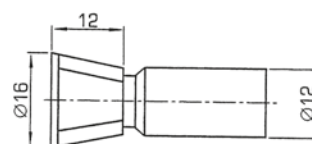
► ART. 3588

Fresa necessaria per creare sede
per inserimento UGE 20

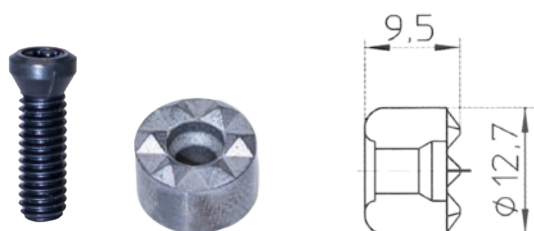
Milling cutter required to create a
suitable recess to install UGE 20



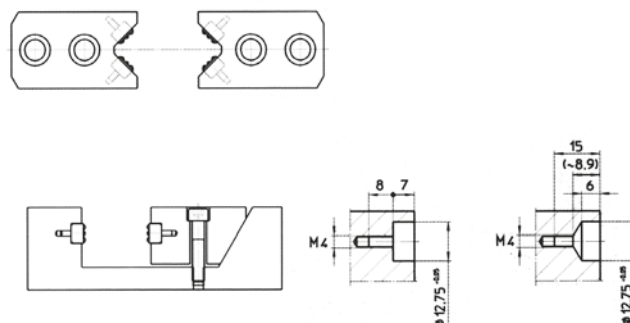
Disegno tecnico Technical drawing



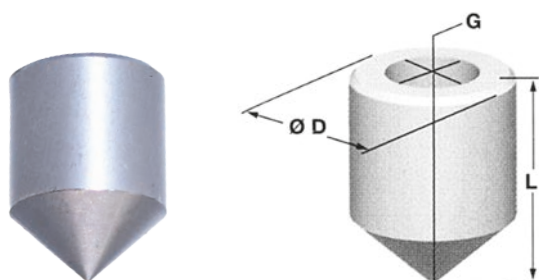
► UGE 30 - ART. 3587



Esempio d'impiego Usage example

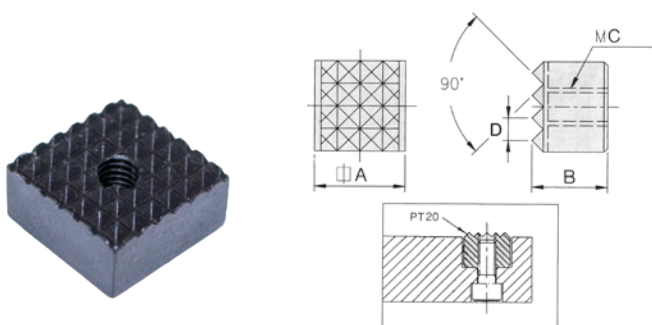


► UGE 40



ART.	Ø D	L	G	Peso Kg CAD. PZ Weight Kg per piece
3531	6	10	M 3	0,016
3532	8	12	M 4	0,038
3533	10	14	M 5	0,036
3534	12	16	M 6	0,036
3535	12,7	16	M 6	0,075

► UGE 50



ART.	Ø A	B	C	D	Peso Kg CAD. PZ Weight Kg per piece
PT20-1010	10	10	M5	2,3	0,008
PT20-1210	12	10	M6	3	0,010
PT20-2010	20	10	M6	3	0,030
PT20-2510	25	10	M6	3	0,043

ANELLI PER LA TORNITURA DELLE GRIFFE JAW BORING RINGS

► **ART. 2000** - Peso Weight 25 Kg



CARATTERISTICHE FEATURES

COMPLETA
COMPLETE

Serie completa di 67 anelli cementati e temperati crescenti di 2mm da Ø14 a Ø146

Complete set of 67 hardened rings with diameters ranging mm from Ø14 to Ø146, with 2 mm increments

PRECISA
PRECISE

Assoluta precisione nella tornitura delle griffe
Absolute boring precision

PRATICA
PRATICAL

Molto pratica per la scelta dell'anello
Very practical for ring selection

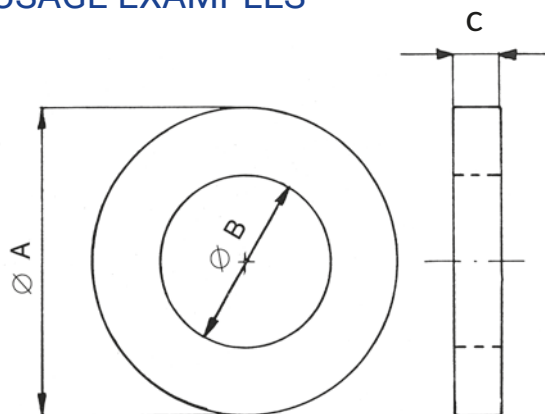
VELOCE
FAST

Riduzione dei tempi di avviamento
Reduced startup time

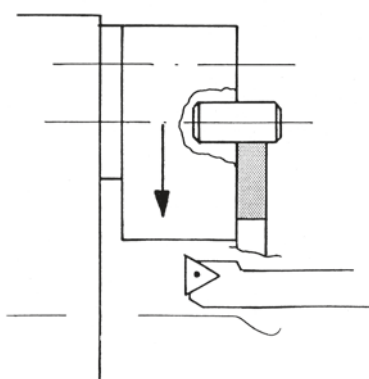
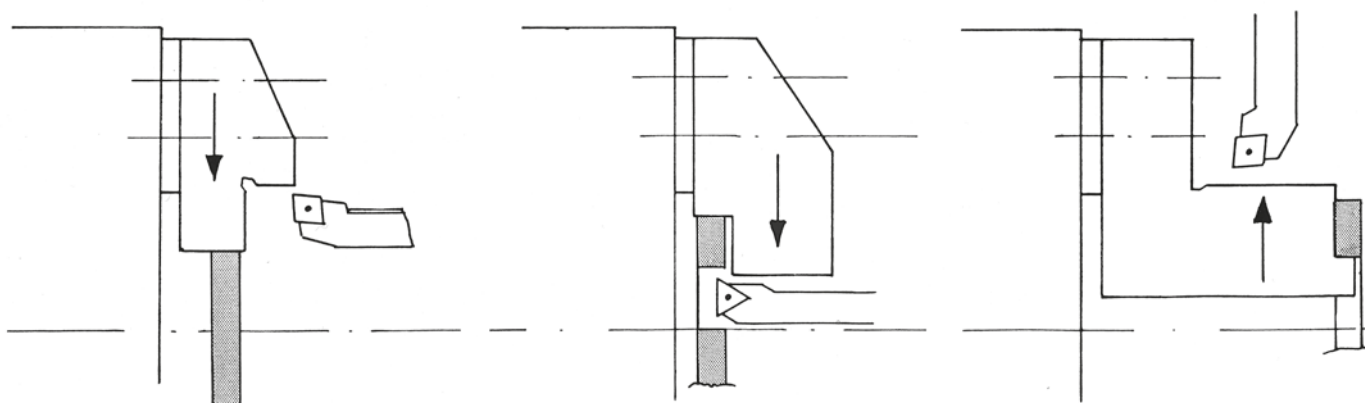
ECONOMICA
LOW-COST

Minimo investimento facilmente ammortizzabile
Minimum and easily depreciable investment

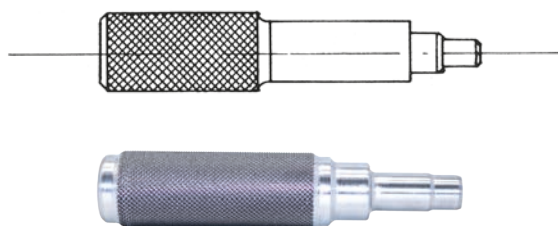
► ESEMPIO D'IMPIEGO ► USAGE EXAMPLES



Ø A	Ø B	C
14-22	7	7
24-40	12	7
42-58	22	9
60-66	30	9
68-86	40	9
88-106	50	9
108-126	60	9
128-146	80	9



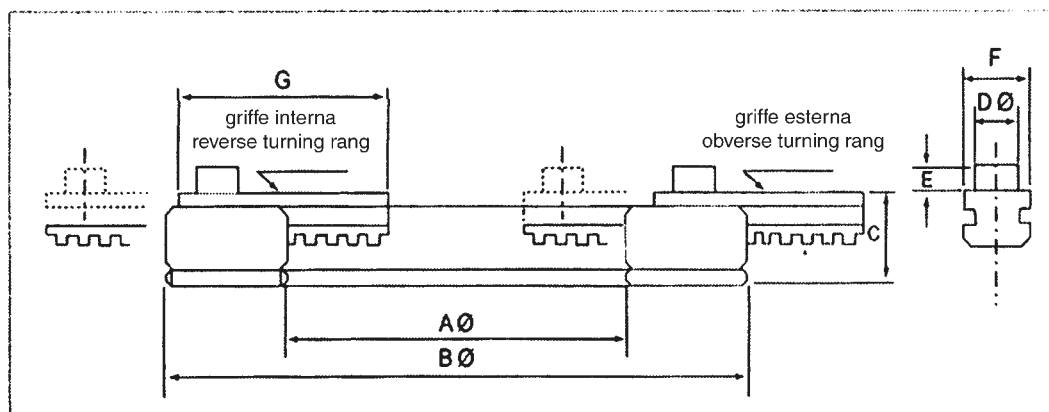
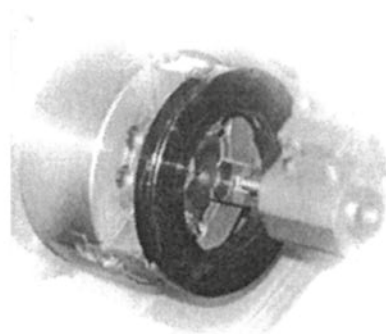
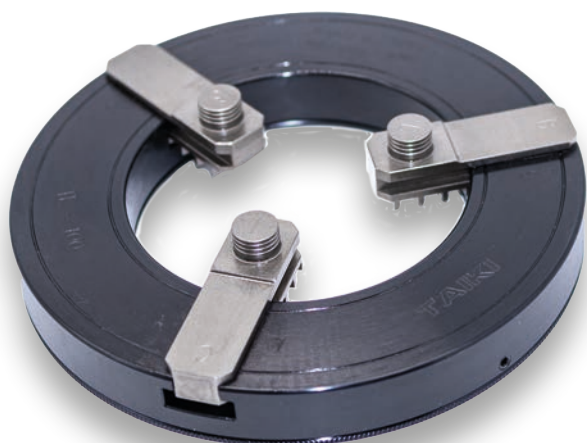
**SPINA ATTA A POSIZIONARE GLI ANELLI
PICCOLI SULL'AUTOCENTRANTE**
PIN TO POSITION SMALL RINGS ON THE CHUCK



è compresa nella serie di anelli
included in the ring set

► ATTREZZO PER TORNITURA DELLE GRIFFE

► JAW BORING RING



Model	A	B	C	D	E	F	G	corsa griffa Jaw stroke	max. forza di chiusura in kgf max. clamping force in kgf	max. velocità rpm max. speed rpm	peso Kg Weight Kg	diametri autocentranti Chuck diameters
TL-100	100	170	26	13	7	19	61	187,96	1500	800	2.7	125-160-200
TL-125	125	200	26	16.3	8	19	61	187,96	1500	700	3.5	160-200-250
TL-160	160	248	31	18.3	8	24	80	215,90	1750	600	5.6	200-250-315

POMPA E CARTUCCIA PER INGRASSARE LE GRIFFE GREASE CARTRIDGE AND GUN FOR JAWS



ART.	DESCRIZIONE DESCRIPTION	Peso Kg CAD. PZ Weight Kg per piece
3502	Grasso ad alto rendimento pasta 35 cartuccia da gr.400, adatte per ingrassatore a siringa PASTA 35 high performance grease, 400 gr cartridge for syringe-type grease gun	0,45

ART.	DESCRIZIONE DESCRIPTION	Peso Kg CAD. PZ Weight Kg per piece
3501	Ingrassatore a siringa con leva a mano per mandrini Kitagawa Pistol grip, syringe-type manual grease gun for Kitagawa chucks	1,20
RICAMBI SPARE PARTS		
3502-T	Tubo termoplastico Thermoplastic tube	0,50
3502-U	Testina excellent per tubo ingrassatore Excellent grease tube head	0,50
3502 - RIC	Ugello per autocentranti Kitagawa Nipple for Kitagawa chucks	0,1



*Indicare all'ordinazione il modello mandrino
*When ordering, please specify chuck type

RACCOMANDAZIONI PER LA MANUTENZIONE TIPS FOR EFFECTIVE MAINTENANCE

Per un perfetto funzionamento di un mandrino autocentrante è essenziale una lubrificazione accurata di tutte le superfici di scorrimento così si evita la riduzione della forza di serraggio e di un'usura precoce, per la lubrificazione dei vostri autocentranti vi raccomandiamo l'utilizzo del nostro grasso ad alto rendimento "PASTA 35".

For a smooth functioning of the chuck, all contact surfaces should be properly lubricated to avoid reduction of the clamping force and premature wear of the chuck. To lubricate the self-centering chucks, we recommend our "PASTA 35" high performance grease.

► STOPBAR



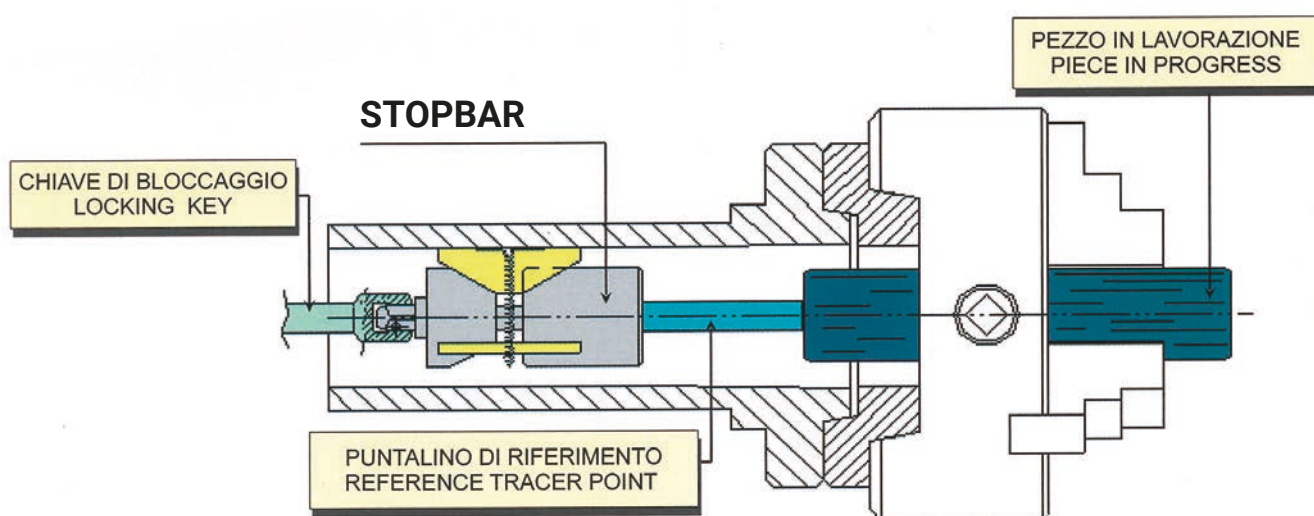
Lo **STOPBAR** è un accessorio indispensabile per mantenere costanti i riferimenti relativi a tutte le operazioni di **tornitura o fresatura** (quando di usa il divisore con autocentrante) nelle lavorazioni di pezzi di piccole e grandi serie, senza ulteriori misurazioni e con notevole risparmio di tempo.

The **STOPBAR** ensures the precise positioning of set points in turning and milling operations of small or large workpieces (when using a divider with a self-centering chuck). It does not require additional measurements and is a time-saving tool.

ART.	(mm)	Campo di regolazione (pollici)	
		Adjustment field (inches)	
3504	24÷33	da 15/16"	a 1 5/16"
3505	32÷41	da 1 1/4"	a 1 5/8"
3506	41÷52	da 1 5/8"	a 2 1/16"
3507	51÷62	da 2"	a 2 7/16"
3508	62÷82	da 2 7/16"	a 3 1/4"
3509	73÷93	da 2 7/8"	a 3 11/16"
4510	93÷120	da 3 11/16"	a 4 23/32"
4511	117÷146	da 4 5/8"	a 5 3/4"

COME FUNZIONA?

INSTRUCTIONS FOR USE



ISTRUZIONI D'USO

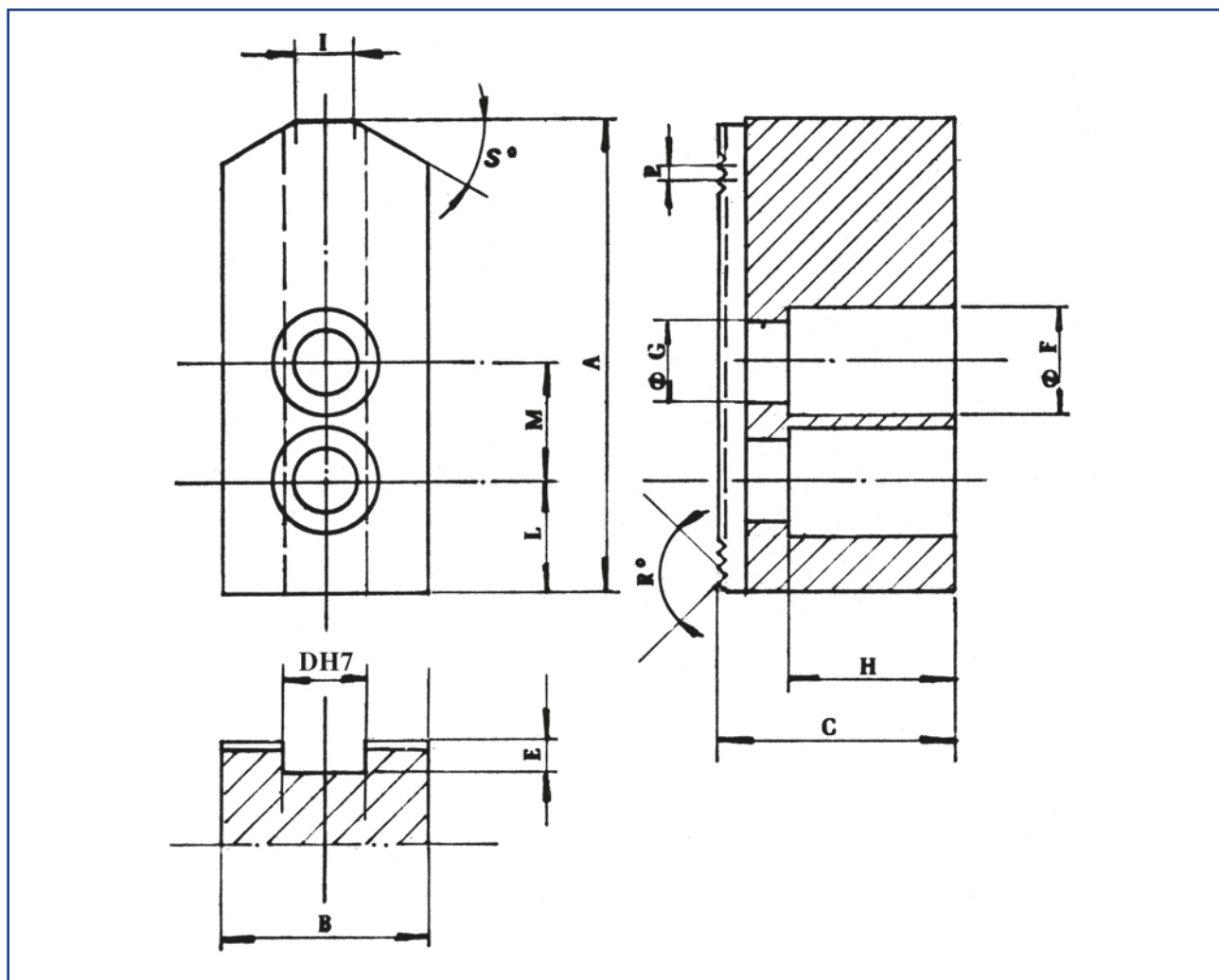
OPERATING INSTRUCTIONS

Per montare l'accessorio STOPBAR è necessario introdurlo nell'albero cavo del mandrino del tornio o del divisore, sistemarlo nella posizione desiderata e ruotare in senso orario con la chiave speciale in dotazione fino a bloccarlo saldamente all'albero stesso.

Introduce the STOPBARR in the spindle shaft hole of the lathe or the divider, lock it into the desired position and turn it clockwise with the special wrench included in the kit, until it is firmly locked to the shaft.

► IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ

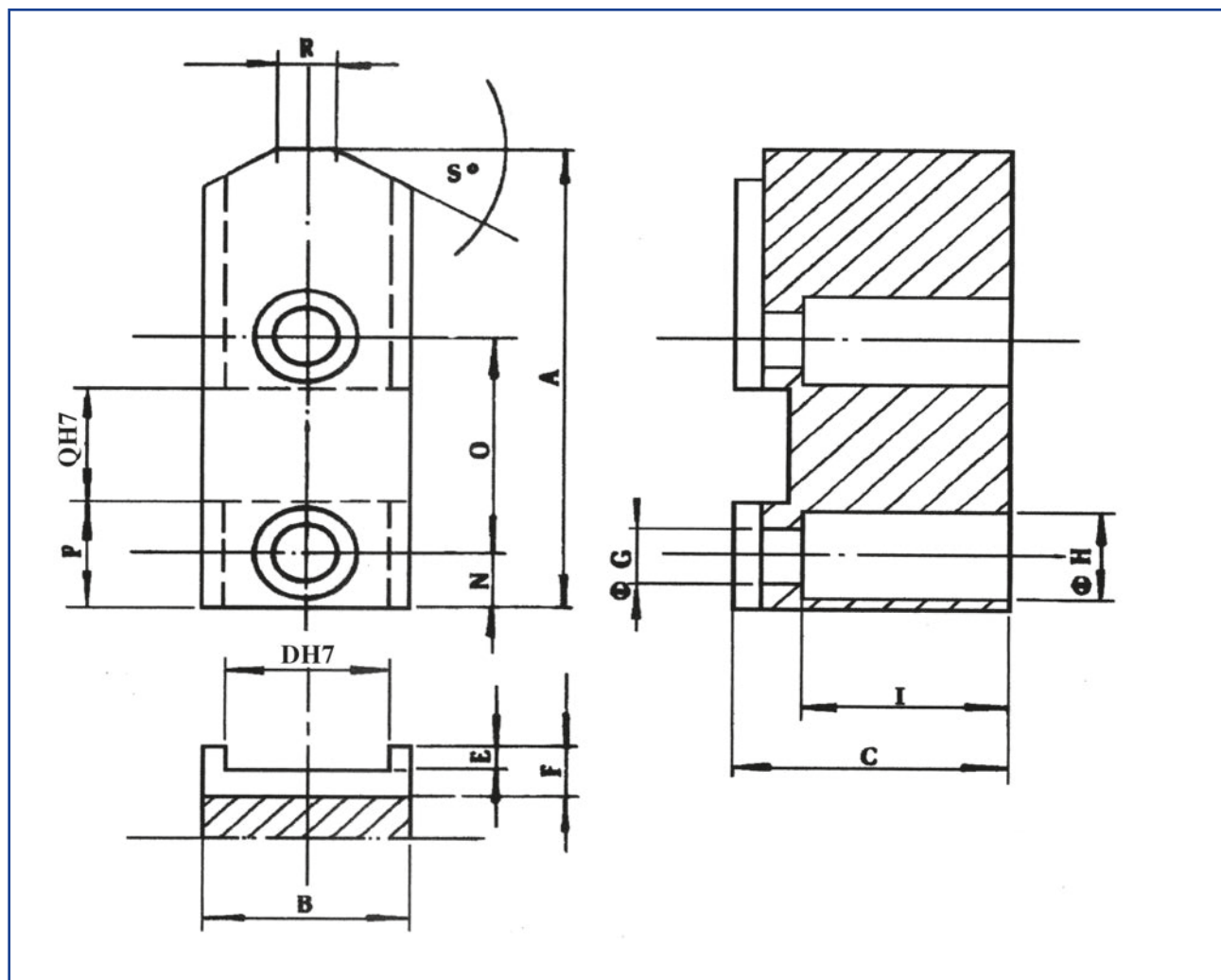
THIS PAGE IS FOR SPECIAL JAW ORDERS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED



A	B	C	DH7	E	Ø F	Ø G	H	I	L	M	R°	S°	P
MATERIALE / MATERIAL				CLIENTE / CLIENT				QUANTITÀ / QUANTITY					

► IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ

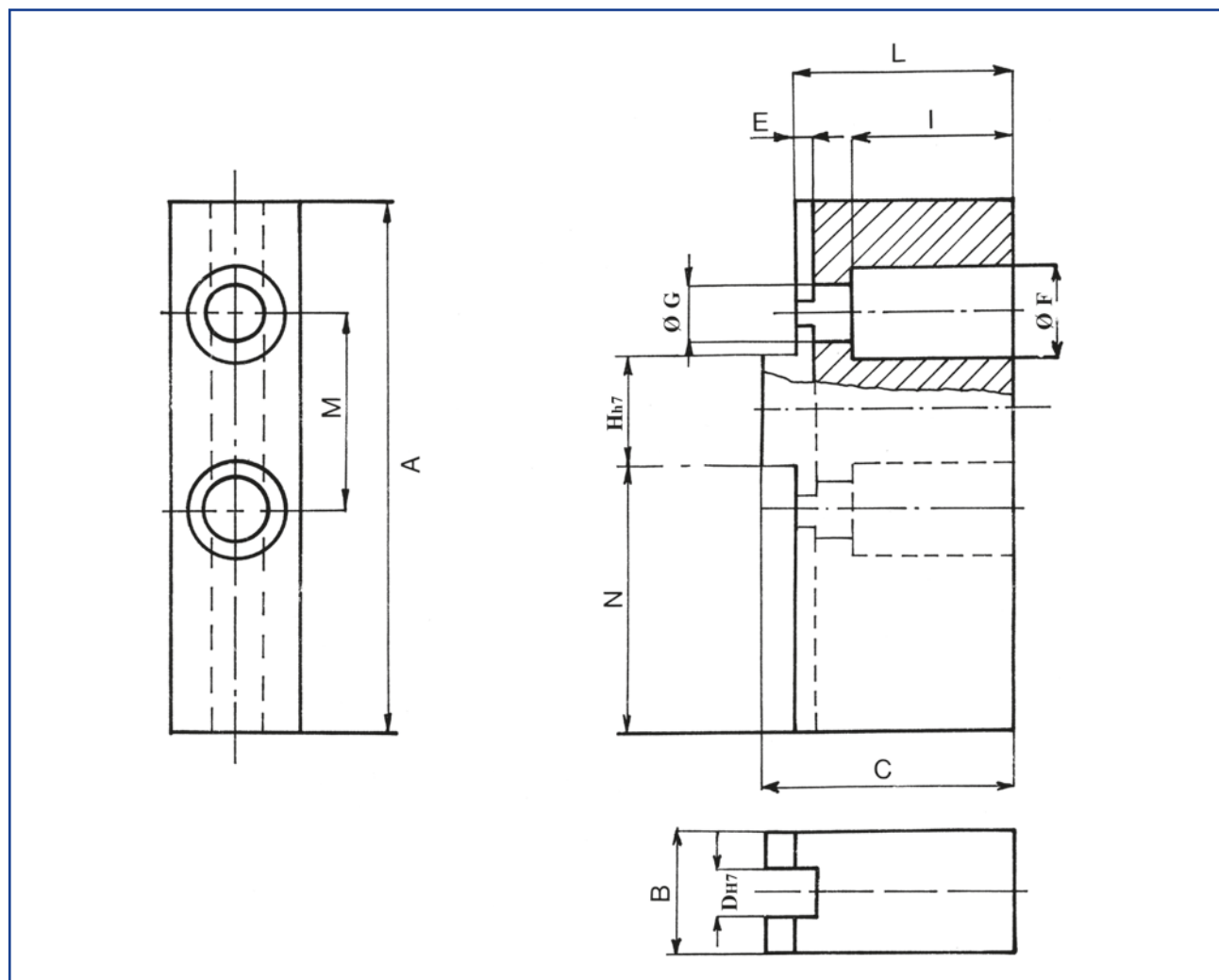
THIS PAGE IS FOR SPECIAL JAW ORDERS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED



A	B	C	DH7	E	F	ØG	ØH	I	L	M	N	O	P	QH7	R	S°
MATERIALE / MATERIAL						CLIENTE / CLIENT						QUANTITÀ / QUANTITY				

► IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ

THIS PAGE IS FOR SPECIAL JAW ORDERS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED

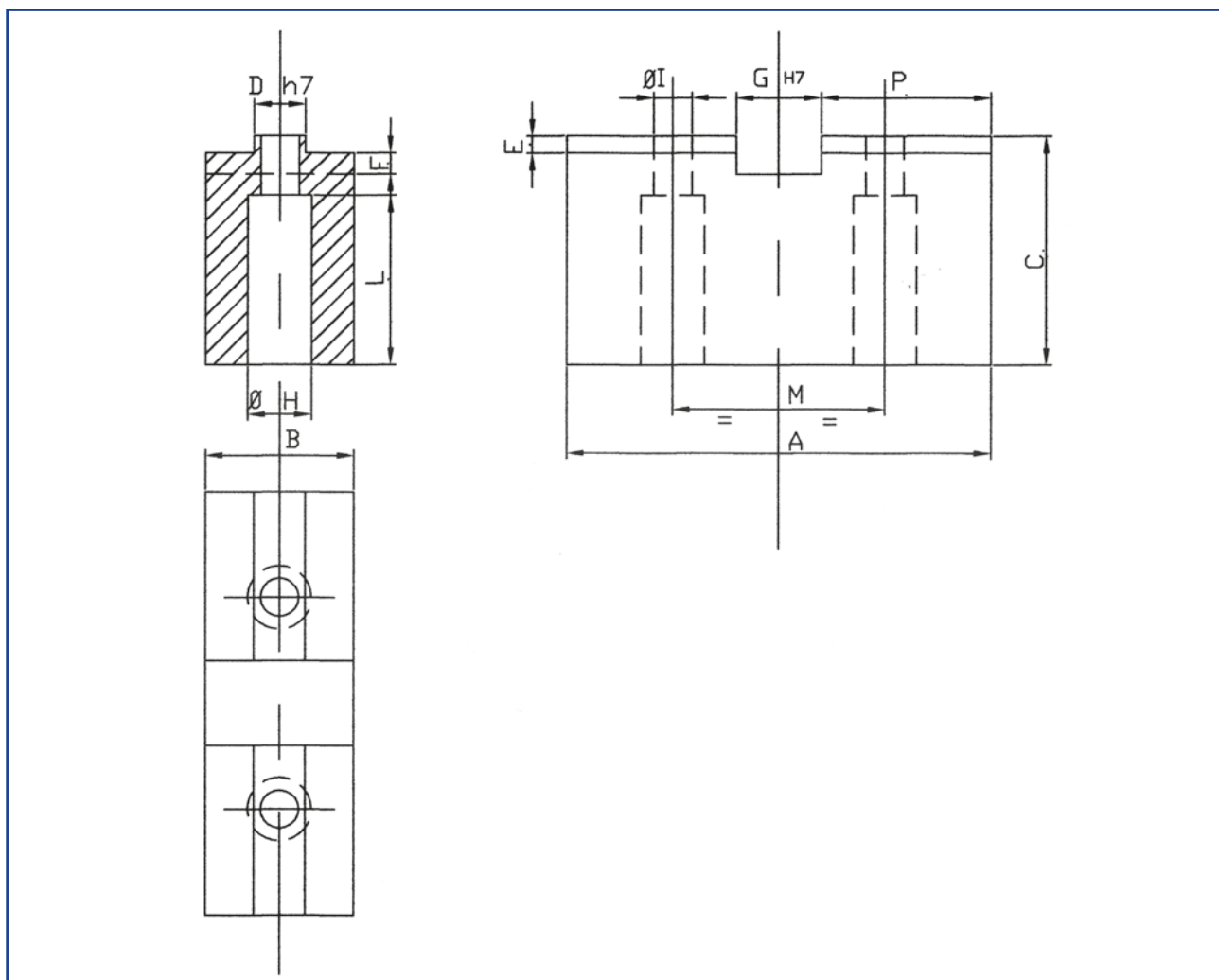


A	B	C	Dh7	E	Ø F	Ø G	Hh7	I	L	M	N					

MATERIALE / MATERIAL	CLIENTE / CLIENT	QUANTITÀ / QUANTITY

► **IN CASO DI ORDINAZIONE DI MORSETTI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ**

THIS PAGE IS FOR SPECIAL JAW ORDERS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED



A	B	C	DH7	E	F	GH7	$\emptyset H$	$\emptyset I$	L	M						
MATERIALE / MATERIAL							CLIENTE / CLIENT					QUANTITÀ / QUANTITY				

► IN CASO DI ORDINAZIONE DI TASSELLI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ

THIS PAGE IS FOR SPECIAL T-NUTS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED

FIG.1

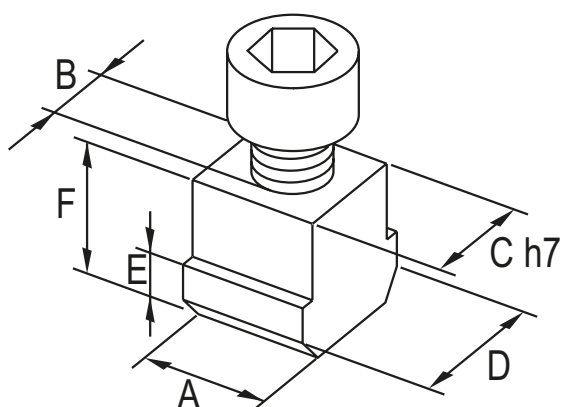
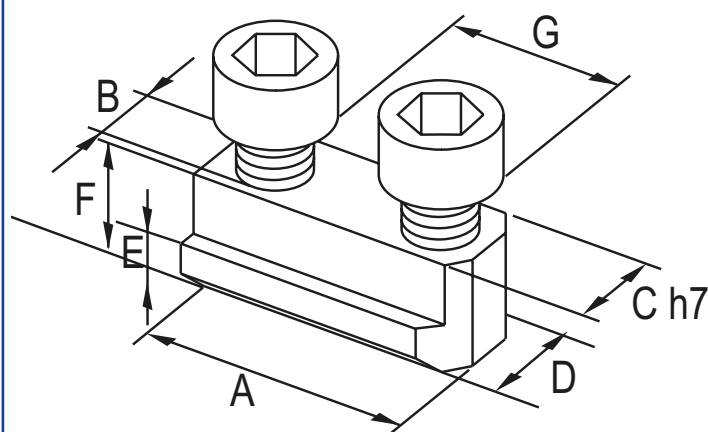


FIG.2



A	B	Ch7	D	E	F	G	Hh7

MATERIALE / MATERIAL	CLIENTE / CLIENT	QUANTITÀ / QUANTITY

► IN CASO DI ORDINAZIONE DI TASSELLI SPECIALI ABBIAMO REDATTO LA PRESENTE PAGINA CHE ANDRETE A COMPLETARE COMPILANDO LA SOTTOSTANTE TABELLA CON LE MISURE DI VOSTRA NECESSITÀ

THIS PAGE IS FOR SPECIAL T-NUTS – PLEASE FILL IN THE TABLE BELOW WITH THE DIMENSIONS REQUIRED

FIG.3

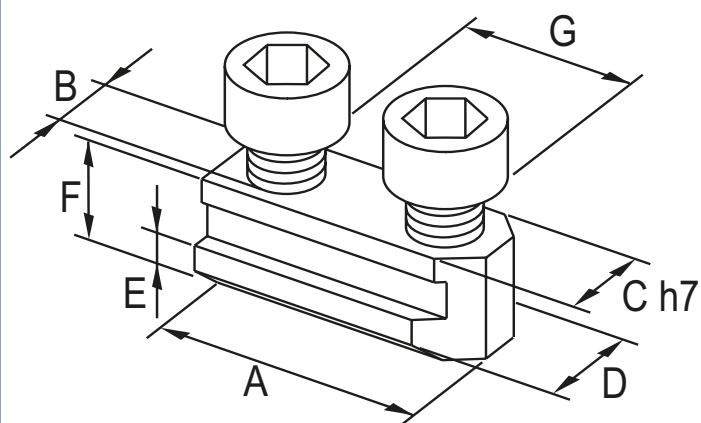
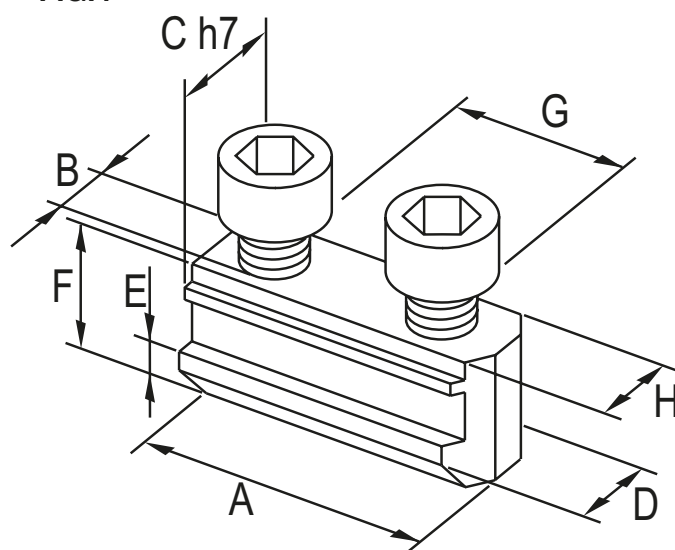


FIG.4



A	B	Ch7	D	E	F	G	Hh7

MATERIALE / MATERIAL	CLIENTE / CLIENT	QUANTITÀ / QUANTITY

The background image shows industrial machinery components. In the foreground, there's a large, light-colored metal jaw box with two circular ports. Behind it, a smaller, dark-colored component with a grid-like texture is visible. In the upper left, a blurred sign with the word 'AUTOMATIO' in red letters is partially visible. The entire image has a diagonal orange overlay.

GRUPPI PORTA GRIFFA **JAW BOXES**



GRUPPI PORTA GRIFTA PER PIATTAFORME
MANUALI PER TORRI VERTICALI
TIPO 1200-2000
CON BLOCCAGGIO A VITE

CARATTERISTICHE

Supporto in
Griffa in
Acciaio

GRUPPI PORTA GRIFTA PER
MANUALI PER TORRI
TIPO 1200-2000
CON BLOCCAGGIO A VITE

CARATTERISTICHE TECNICHE

Supporto in acciaio brunito
Griffa base Cent. Torz. HRC 60-62
Griffa base Cent. Torz. HRC 60-62
Mancro in acciaio Cent. Torz. con passo 6 qd

Gruppi porta griffa

Jaw boxes

► GRUPPI PORTA GRIFFA

gruppi a griffe indipendenti per plateau di grosse dimensioni

► JAW BOXES

Independent jaw boxes for large-sized platforms



CARATTERISTICHE TECNICHE TECHNICAL SPECIFICATIONS

- Corpo porta griffa in acciaio bonificato
Body made of tempered steel
- Griffa base Cem. Temp. HRC 60:62
Hard top jaw box base HRC 60:62
- Morsetto temprato Cem. Temp. HRC 60:62
Hard top jaw HRC 60:62
- Vite in acciaio Cem. Temp. HRC 60:62 con passo 6 quadro sinistro
#6 screw made of cemented and hardened steel HRC 60:62 pitch 6 counterclockwise

Si possono costruire di varie dimensioni e tipologie.

Jaw boxes come in different sizes and types.

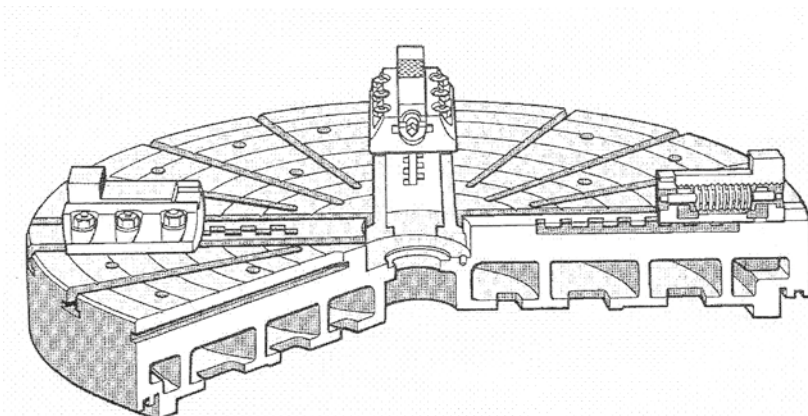


Chiave
Wrench

VANTAGGI BENEFITS

Vengono utilizzate per bloccare pezzi fucinati, stampati e irregolari, dove fosse necessaria una centratura dei pezzi e una grande forza di serraggio.

Used to clamp forged, molded and irregular workpieces that require piece centering and a high clamping force.

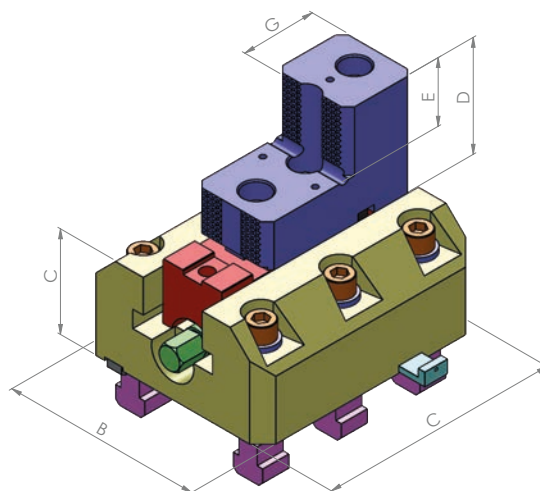
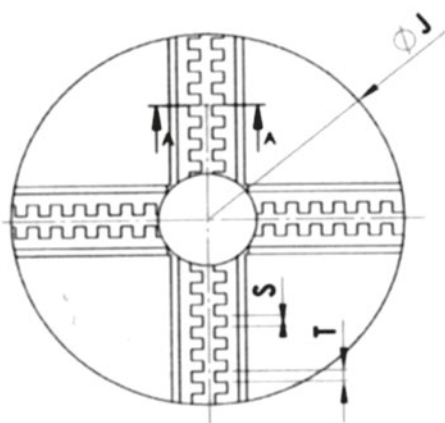
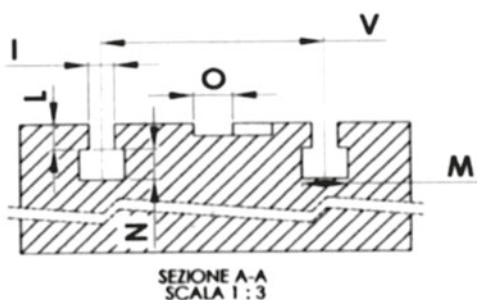
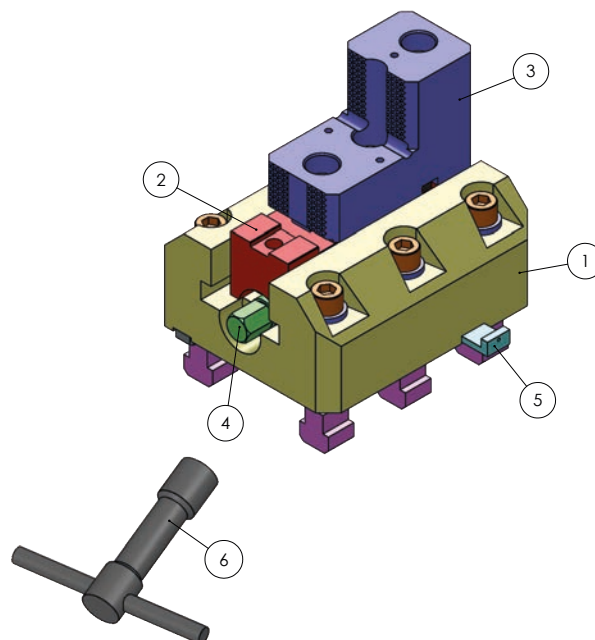


CARATTERISTICHE TECNICHE TECHNICAL SPECIFICATIONS

Ogni gruppo è così composto:

Each jaw box consists of:

1. Corpo porta griffa Body made of quenched and tempered steel
2. Base porta griffa temprata Hard top jaw box base
3. Griffa temprata Hard top jaw
4. Vite Screw
5. Chiavetta selettore Selector switch
6. Chiave di serraggio a tubo esagonale Hex clamping wrench



TIPO TYPE	A	B	C	D	E	F	G	ES.	I	L	M	N	O	JØ	S	T	Vmin / Vmax	da from N
800	185	155	85	96	50	75	60	22									100 / 125	6000
1200	225	185	105	114	65	80	80	24									120 / 150	8000
2000	260	235	115	145	85	95	90	27									150 / 190	10000
3000	330	275	140	155	94	125	105	32									180 / 220	11000

A close-up photograph of a mechanical assembly. A large, semi-circular red plastic cover is in the foreground, partially obscuring a metallic component. The red cover has a small circular hole and some faint markings. The metallic component is silver-colored and has a complex, curved shape. It features a series of small, rectangular protrusions or teeth along one edge. There are also some markings on the metal, including "ON" and "OFF" with arrows, and a small diagram. The background is a light-colored, textured surface.

GUIDA ALLA SCELTA DI MORSETTI E TASSELLI

GUIDE TO SELECTING THE RIGHT JAWS AND T-NUTS



77-1 MOTOMACHI FUCHU-SHI
HIROSHIMA-228-8810 JAPAN
STANDARD CHUCK

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

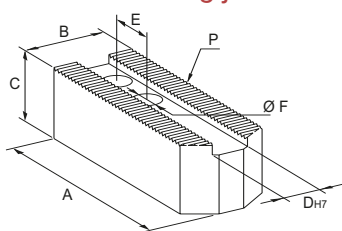
► TIPO TYPE AN-D AL-D BH-D BB-D

Diametro Diameter 125-130-140



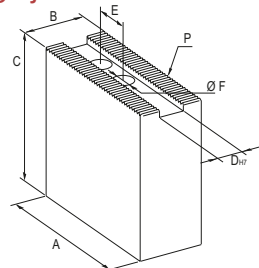
Cava Through-hole	12
Interasse Center-to-center distance	16
Passo Serration	1/16"x90

Morsetto standard e lungo
Standard and long jaw



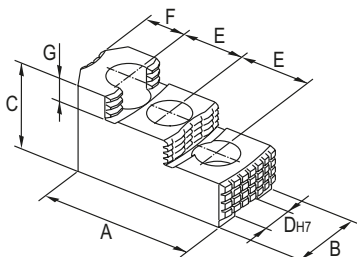
Art.	A	B	C	Peso Kg Weight Kg
2001	60	30	30	0,50
2001-L	70	30	20	0,60

Morsetto alto
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2001 - C50	60	30	50	0,5

Griffa temprata reversibile
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2661	58	30	38	12	13	8,5	1,2

Tasselli doppi
T-nuts

FIG.1

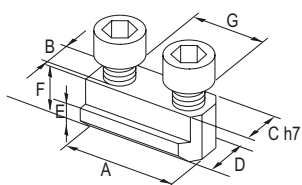
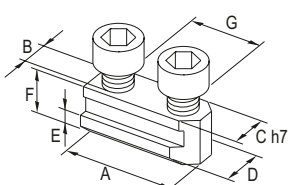


FIG. 2



	Art.	A	B	C	D	E	F	G	Peso Kg Weight Kg
FIG.1	2117	30	M8	12	17	6,5	15	16	0,04
FIG.2	2790-BH	32	M10	12	15	6,5	15	16	0,035

► TIPO TYPE AN-D AL-D AP-D BB-D BH-D

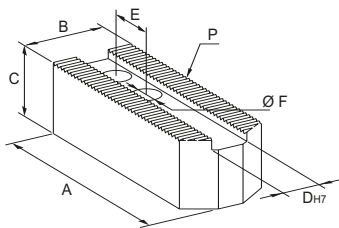
Diametro Diameter 165-170-175



Cava Through-hole	14
Interasse Center-to-center distance	16,5
Passo Serration	1/16"x90

Morsetto standard

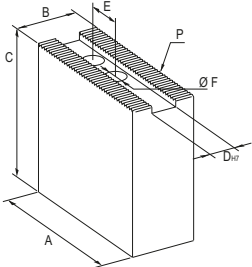
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2002	70	35	35	0,5
2002-B50	70	50	35	1,25
2002-50x50	70	50	50	1,35

Morsetto alto

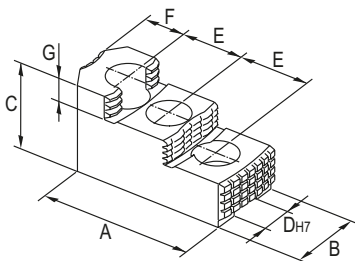
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2002-C50	70	35	50	0,8
2002-C60	70	35	60	1
2002-C80	70	35	80	1,2
2002-C100	70	35	100	1,5

Griffa temprata reversibile

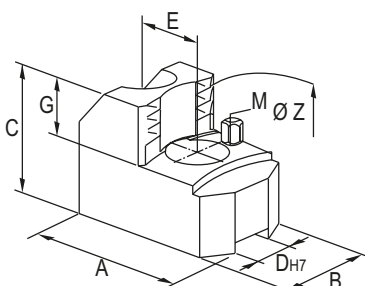
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2662	65	34	45	14	18	10	1,1

Griffa temprata per bloccare pezzi grezzi

Hard top jaw to clamp workpieces



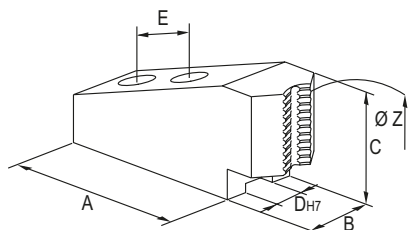
Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3001	65	35	40	30-50	1,25
3002	63	35	40	50-70	1,05
3003	58	35	49	70-90	1,115
3004	58	40	52	90-110	1,32
3005	63	40	52	110-130	1,44
3006	66	40	54	130-150	1,55
3007	78	40	50	150-170	1,65

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

Griffa temprata per presa diametri piccoli

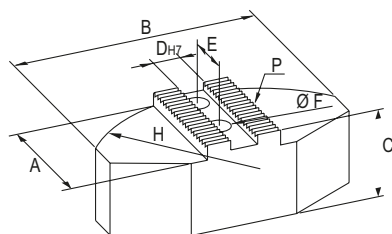
Hard reversible top jaws for small diameter workpiece



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3084	80	30	40	4-15	1,3
4080	70	30	40	15-30	1,1

3 morsetti avvolgenti diam.165

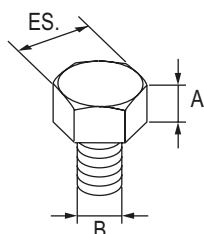
n. 3 pie jaws diam.165



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3550	60	120	40	Acciao Steel	3,7
3550-A	60	120	49	Alluminio Aluminum	1,7

Appoggi M6

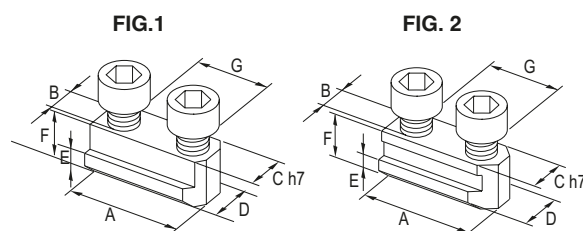
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Tasselli doppi

Double T-nuts



	Art.	A	B	C	D	E	F	G	Peso Kg Weight Kg
FIG.1	2791	35	M10	14	20	7,5	20	16,5	0,065
FIG.2	2791-BH	32	M10	14	17	6	18	16,5	0,045

▶ TIPO TYPE GHD

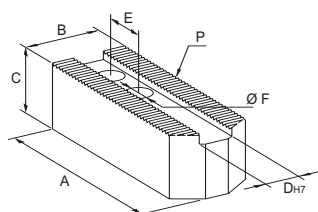
Diametro Diameter 200



Cava Through-hole	20
Interasse Center-to-center distance	14
Passo Serration	1/16"x90

Morsetto standard

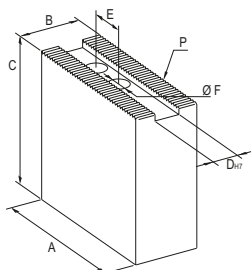
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2003	80	35	40	0,7
2004	90	35	40	0,9

Morsetto alto

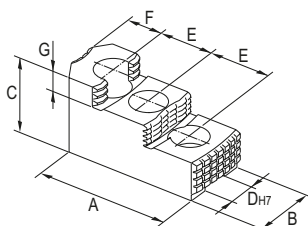
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2518	90	40	60	1,5
2519	90	40	80	1,9
2520	90	40	100	2,4

Griffa temprata reversibile

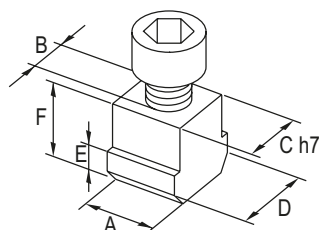
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2663	75	34	45	14	21	10,5	1,6

Tassello singolo

Single T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
2118	18	M10	14	20	7,5	20	16,5	0,05

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE AN-D AL-D AP-D APL-D NT-D NTL-D BH-D BB-D

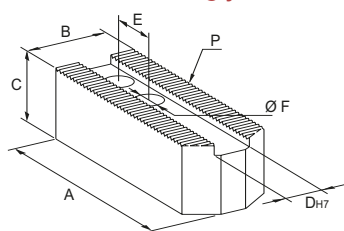
Diametro Diameter 210-225



Cava Through-hole	17
Interasse Center-to-center distance	23
Passo Serration	1/16"x90

Morsetto standard e larghi

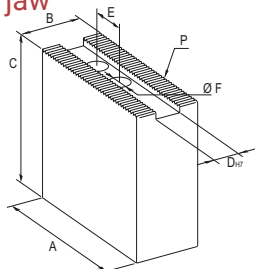
Standard and long jaw



Art.	A	B	C	Peso Kg Weight Kg
2005/2595	90/105	40	40	0,9
2595	105	40	40	1,3
2005-50x40	90	50	40	1,25
2005-50x50	90	50	50	1,4
2005-60x60	90	60	60	1,85
2005-60x40	90	60	40	1,45

Morsetto alto

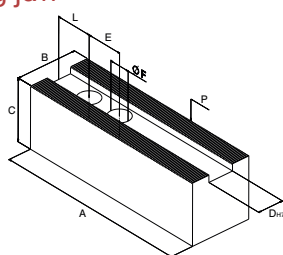
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2521	90	40	60	1,5
2522	90	40	80	1,8
2523	90	40	100	2,3
2005-C120	90	40	120	2,9

Morsetto lungo

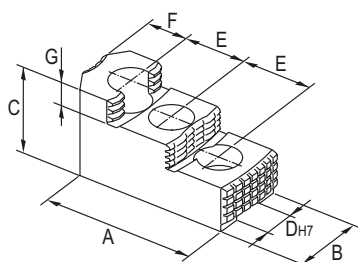
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2595	105	40	40	1,1
2005-L140	140	40	40	1,7

Griffa temprata reversibile

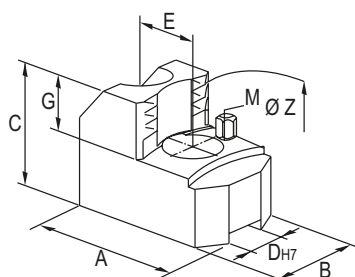
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2664	90	40	49	17	27	12	1,8

Griffa temprata per bloccare pezzi grezzi

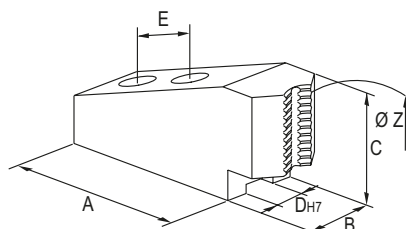
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3010	85	35	48	30-60	2
3011	80	40	48	60-90	1,8
3012	68	40	50	90-120	1,65
3013	65	40	56	120-150	1,94
3014	70	40	58	150-180	2
3015	80	50	58	180-230	2,75

Griffa temprata per presa diametri piccoli

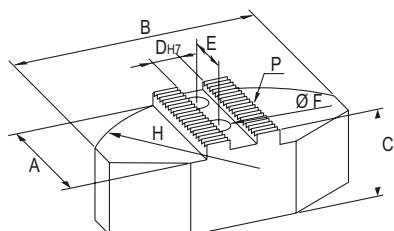
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3085	100	35	46	4-15	2,5
3081	92	40	49	15-35	2,9

3 morsetti avvolgenti diam.210

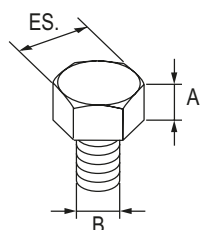
n. 3 pie jaws diam.210



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3551	70	140	50	Acciao Steel	6,9
3551-H	75	140	59	Alluminio Aluminum	3

Appoggi M6

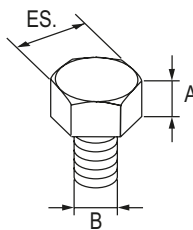
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

M8 insert screws



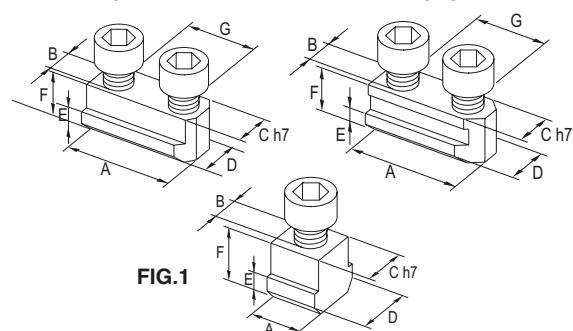
Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Tasselli doppi e singoli

Single and double T-nuts

FIG. 2

FIG. 3



	Art.	A	B	C	DH7	E	F	G	Peso Kg Weight Kg
FIG.1	2119	18	M12	17	22	8	22	-	0,045
FIG.2	2792-BH	43	M12	17	19	7	20	23	0,08
FIG.3	2792	42	M12	17	22	8	22	23	0,095

AUTOBLOK – Mandrini

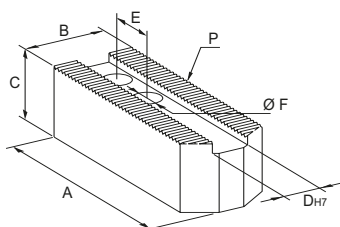
AUTOBLOK – Chucks

► TIPO TYPE AN-D AL-D BH-D

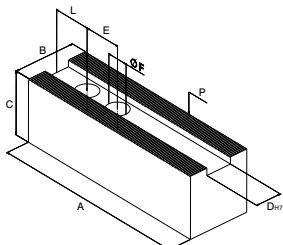
Diametro Diameter 250



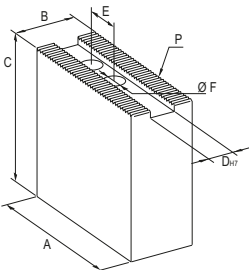
Morsetto standard
Standard jaw



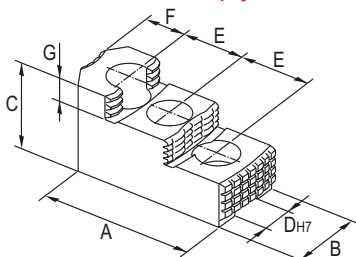
Morsetto lungo
Long jaw



Morsetto alto
High jaw



Griffa temprata reversibile
Hard reversible top jaw



Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1/16"x90

Art.	A	B	C	Peso Kg Weight Kg
2006	110	45	45	1,3
2007	125	50	50	1,95
2617-C60	110	50	60	2,5
2617	110	50	50	1,5
2617-80x50	110	80	50	3,1
2617-80x80	110	80	80	5,4
2617-100x50	110	100	50	3,9
2617-100x100	110	100	100	8,5
2007-B80x50	125	80	50	3,35
2007-80x80	125	80	80	5,5
2007-B100x50	125	100	50	4,2
2007-100x100	125	100	100	8,8

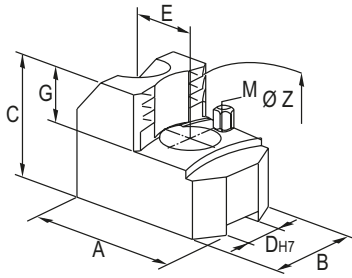
Art.	A	B	C	Peso Kg Weight Kg
2007-L140	140	50	50	2,20
2007-L150	150	50	50	2,45
2007-L160	160	50	50	2,65
2007-L180	180	50	50	3,00
2007-L200	200	50	50	3,35
2007-L220	220	50	50	3,75

Art.	A	B	C	Peso Kg Weight Kg
2524	110	50	80	2,5
2525	110	50	100	3,45
2526	110	50	120	4,1
2527	110	50	140	4,9
2528	125	50	80	3,2
2529	125	50	100	4
2530	125	50	120	4,9
2531	125	50	140	5,7

Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2665	110	50	63	21	29	17	3,9

Griffa temprata per bloccare pezzi grezzi

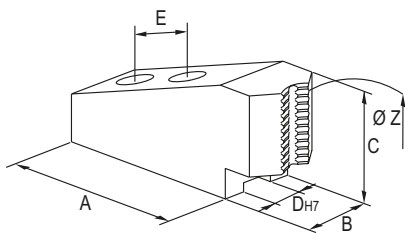
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3020	105	45	48	40-70	2,2
3021	90	45	50	70-120	2,65
3022	75	50	58	120-170	2,7
3023	85	60	58	170-230	3,7
3024	108	60	65	230-280	4,6

Griffa temprata per presa diametri piccoli

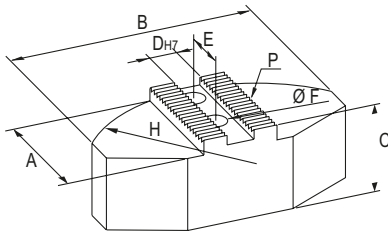
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4086	119	45	55	4-20	3,95
4082	110	45	50	20-45	3,8

3 morsetti avvolgenti diam.250

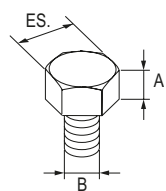
n. 3 pie jaws diam.210



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3552	80	180	60	Acciaio Steel	12,3
3552-A	90	180	78	Alluminio Aluminum	6,7

Appoggi M6

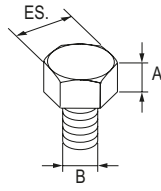
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

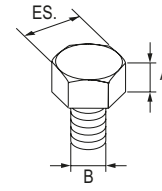
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

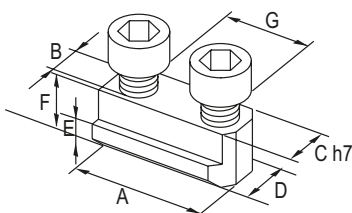
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi

Double T-nuts



Art.	A	B	C	D	E	F	G	Peso Kg Weight Kg
2793	54	M16	21	29	11	25	30	0,18

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

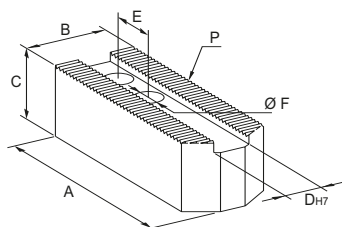
► TIPO TYPE BH-D

Diametro Diameter 250



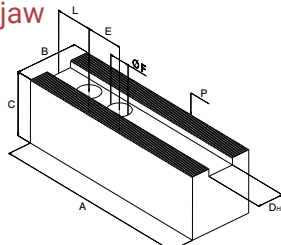
Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1/16"x90

Morsetto standard Standard jaw



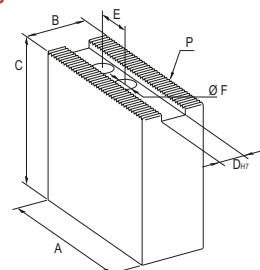
Art.	A	B	C	Peso Kg Weight Kg
2006	110	45	45	1,3
2007	125	50	50	1,95
2617-C60	110	50	60	2,5
2617	110	50	50	1,5
2617-80x50	110	80	50	3,1
2617-80x80	110	80	80	5,4
2617-100x50	110	100	50	3,9
2617-100x100	110	100	100	8,5
2007-B80x50	125	80	50	3,35
2007-80x80	125	80	80	5,5
2007-B100x50	125	100	50	4,2
2007-100x100	125	100	100	8,8

Morsetto lungo Long jaw



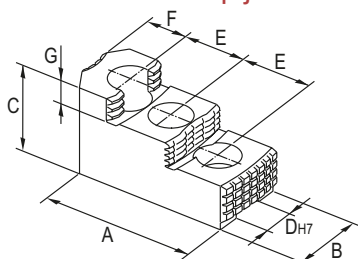
Art.	A	B	C	Peso Kg Weight Kg
2007-L140	140	50	50	2,20
2007-L150	150	50	50	2,45
2007-L160	160	50	50	2,65
2007-L180	180	50	50	3,00
2007-L200	200	50	50	3,35
2007-L220	220	50	50	3,75

Morsetto alto High jaw



Art.	A	B	C	Peso Kg Weight Kg
2524	110	50	80	2,5
2525	110	50	100	3,45
2526	110	50	120	4,1
2527	110	50	140	4,9
2528	125	50	80	3,2
2529	125	50	100	4
2530	125	50	120	4,9
2531	125	50	140	5,7

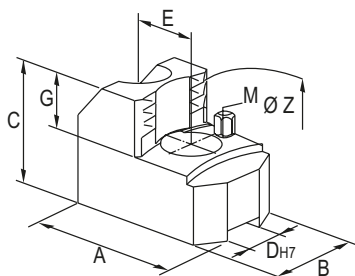
Griffa temprata reversibile Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2665	110	50	63	21	29	17	3,9

Griffa temprata per bloccare pezzi grezzi

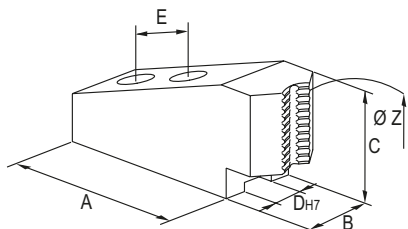
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4020	107	45	49	40-75	3,3
4021	92	45	49	75-110	2,8
4022	77	50	58	110-145	3
4023	82	60	58	145-180	4,2
4024	86	60	65	180-215	4,4
4025	104	60	65	215-250	5,5
4026	122	60	65	250-285	6,2

Griffa temprata per presa diametri piccoli

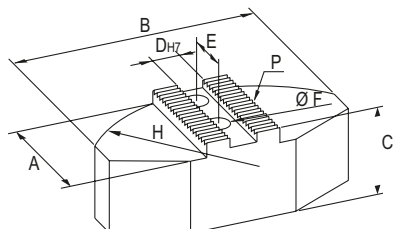
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4086	119	45	55	4-20	3,95
4082	110	45	50	20-45	3,8

3 morsetti avvolgenti diam.250

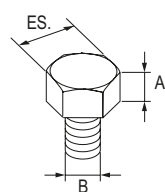
n. 3 pie jaws diam.210



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3552	80	180	60	Acciao Steel	12,3
3552-A	90	180	78	Alluminio Aluminum	6,7

Appoggi M6

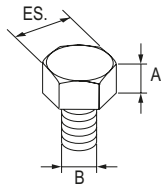
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

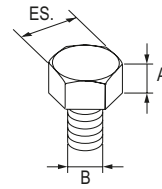
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

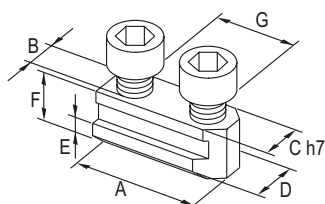
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi

Double T-nuts



Art.	A	B	C	D	E	F	G	Peso Kg Weight Kg
2793-BH	56	M16	21	29	10	26,5	30	0,145

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE BB-D

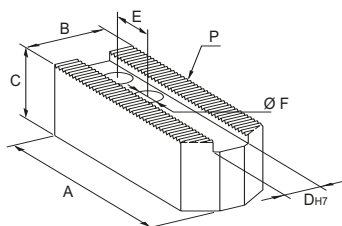
Diametro Diameter 250



Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1/16"x90

Morsetto standard e largo

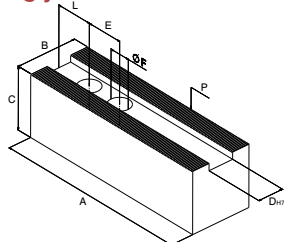
Standard and long jaw



Art.	A	B	C	Peso Kg Weight Kg
2007	125	50	50	1,8
2007-B80x50	125	80	50	3,4
2007-80x80	125	80	80	5,6
2007-100x100	125	100	100	8,7
2007-B100x50	125	100	50	3,6
2007-C60	125	50	60	2,9

Morsetto lungo

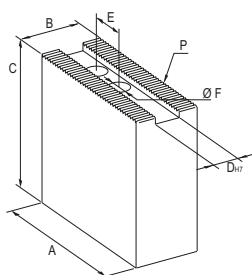
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2007-L140	140	50	50	2,20
2007-L150	150	50	50	2,45
2007-L160	160	50	50	2,65
2007-L180	180	50	50	3,00
2007-L200	200	50	50	3,35
2007-L220	220	50	50	3,75

Morsetto alto

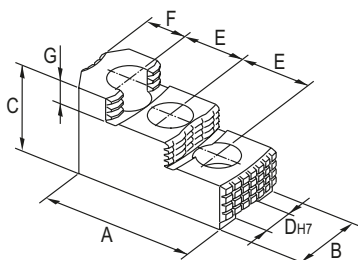
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2524	110	50	80	2,5
2525	110	50	100	3,45
2526	110	50	120	4,1
2527	110	50	140	4,9
2528	125	50	80	3,2
2529	125	50	100	4
2530	125	50	120	4,9
2531	125	50	140	5,7

Griffa temprata reversibile

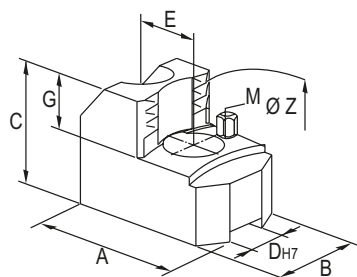
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2665L	125	50	65	21	40	17	4,2

Griffa temprata per bloccare pezzi grezzi

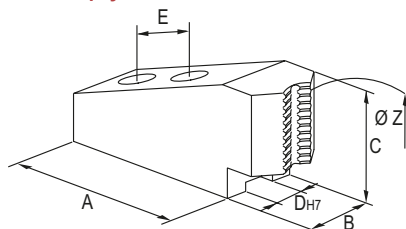
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4027	112	45	48	40-70	1,15
4028	98	45	49	70-100	0,98
4029	83	45	49	100-130	0,77
4030	75	50	58	130-160	0,96
4031	72	60	58	160-190	1,11
4032	87	60	65	190-220	1,45
4033	102	60	65	220-250	1,76

Griffa temprata per presa diametri piccoli

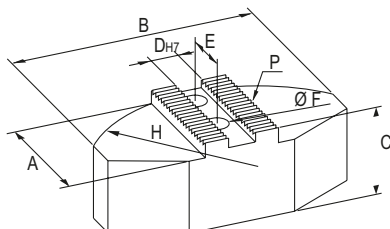
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4086	119	45	55	4-20	3,95
4082	110	45	50	20-45	3,8

3 morsetti avvolgenti diam.250

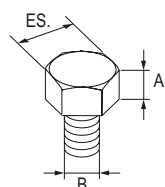
n. 3 pie jaws diam.210



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3552	80	180	60	Acciaio Steel	12,3
3552-A	90	180	78	Alluminio Aluminum	6,7

Appoggi M6

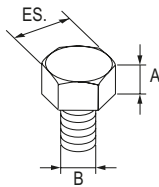
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

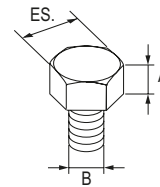
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

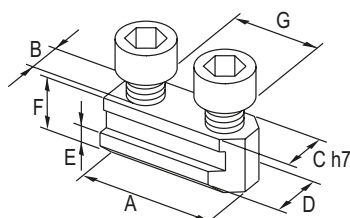
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi

Double T-nuts



Art.	A	B	C	DH7	E	F	G	Peso Kg Weight Kg
2793-BH	56	M16	21	25	10	26,5	30	0,145

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE AN-D AL-D AP-D APL-D BH-D BHD-FC

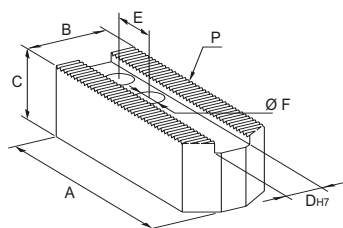
Diametro Diameter 315



Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1/16"x90

Morsetto standard

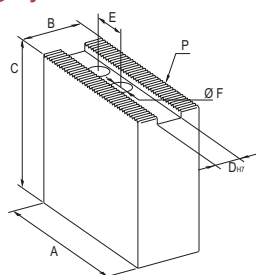
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2007	125	50	50	1,8
2007-B80x50	125	80	50	3,4
2007-80x80	125	80	80	5,6
2007-100x100	125	100	100	8,7
2007-B100x50	125	100	50	3,6
2007-C60	125	50	60	2,9

Morsetto alto

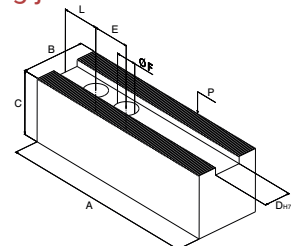
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2528	125	50	80	3,1
2529	125	50	100	4
2530	125	50	120	5
2531	125	50	140	5,8

Morsetto lungo

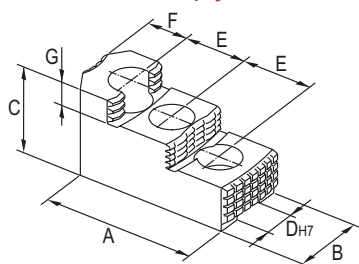
Long jaw



Art.	A	B	C	Dh7	Peso Kg Weight Kg
2007-L140	140	50	50	21	2,2
2007-L150	150	50	50	21	2,25
2007-L160	160	50	50	21	2,6
2007-L180	180	50	50	21	2,8
2007-L200	200	50	50	21	3,3
2007-L220	220	50	50	21	3,5

Griffa temprata reversibile

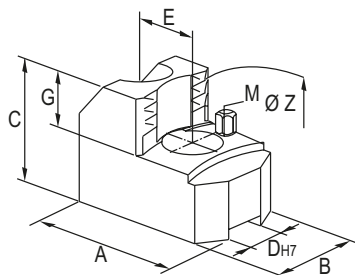
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2665L	125	50	65	21	40	17	4,2

Griffa temprata per bloccare pezzi grezzi

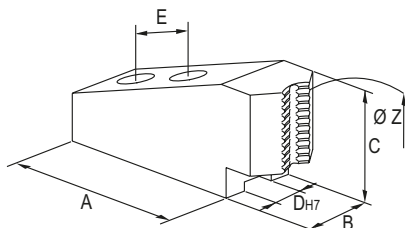
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3030	125	50	49	50-100	4,2
3031	105	50	49	100-150	5,54
3032	88	50	65	150-200	3,6
3033	85	50	65	200-250	4,1
3034	115	60	68	250-330	5,55

Griffa temprata per presa diametri piccoli

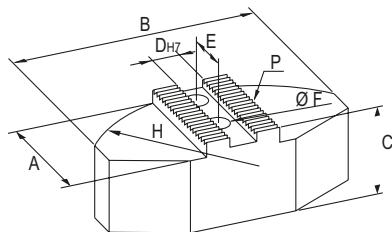
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4087	148	45	57	5-30	5,5
4083	133	45	57	30-60	5,5

3 morsetti avvolgenti diam. 315

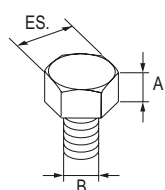
n. 3 pie jaws diam.315



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3553	100	240	60	Acciao Steel	20,5
3553-A	110	240	78	Alluminio Aluminum	10,5

Appoggi M6

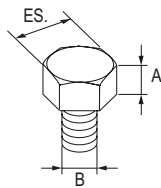
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

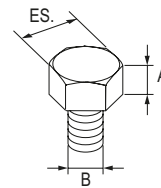
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi e singoli

Single and double T-nuts

FIG.1

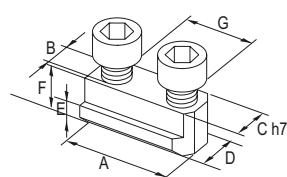


FIG.2

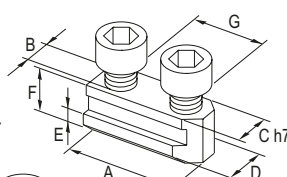
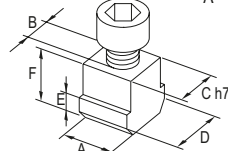


FIG.3



	Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
FIG.1	2120	24	M16	21	29	11	25	-	0,09
FIG.2	2793	54	M16	21	29	11	25	30	0,18
FIG.3	2793-BH	56	M16	21	25	10	26,5	30	0,145

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE BB-D

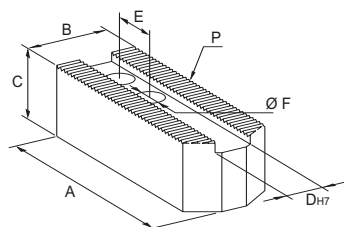
Diametro Diameter 315



Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1/16"x90

Morsetto standard

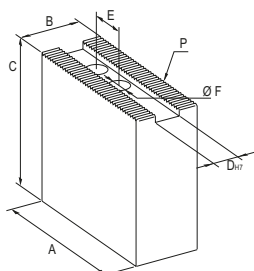
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2007	125	50	50	1,8
2007-B80x50	125	80	50	3,4
2007-80x80	125	80	80	5,6
2007-100x100	125	100	100	8,7
2007-B100x50	125	100	50	3,6
2007-C60	125	50	60	2,9

Morsetto alto

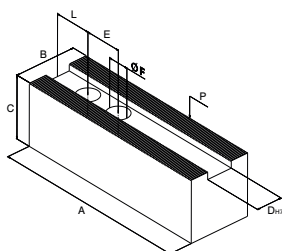
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2528	125	50	80	3,1
2529	125	50	100	4
2530	125	50	120	5
2531	125	50	140	5,8

Morsetto lungo

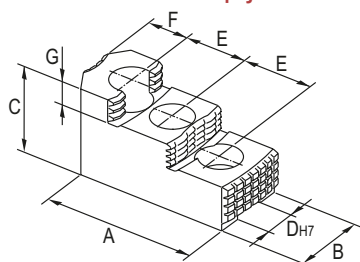
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2007-L140	140	50	50	2,2
2007-L150	150	50	50	2,25
2007-L160	160	50	50	2,6
2007-L180	180	50	50	2,8
2007-L200	200	50	50	3,3
2007-L220	220	50	50	3,5

Griffa temprata reversibile

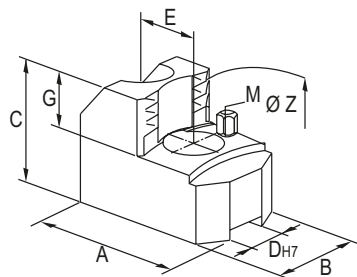
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2665L	125	50	65	21	40	17	4,2

Griffa temprata per bloccare pezzi grezzi

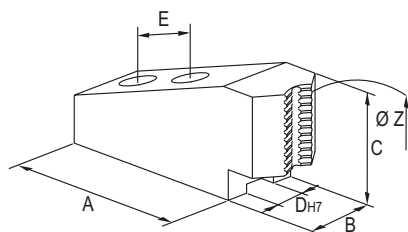
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4035	130	50	50	50-85	1,66
4036	115	50	50	82-120	1,43
4037	98	50	55	120-155	1,25
4038	82	50	55	155-190	0,97
4039	80	60	65	190-225	1,42
4040	79	60	65	225-260	1,33
4041	97	60	65	260-295	1,68
4042	115	60	65	295-330	1,96

Griffa temprata per presa diametri piccoli

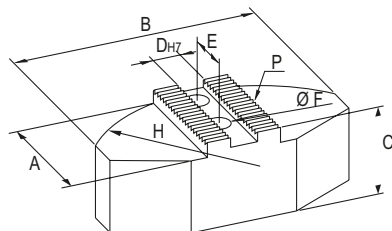
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
4087	148	45	57	5-30	5,5
4083	133	45	57	30-60	5,5

3 morsetti avvolgenti diam. 315

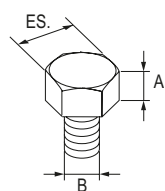
n. 3 pie jaws diam.315



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3553	100	240	60	Acciao/Steel	20,5
3553-A	110	240	78	Alluminio/Aluminum	10,5

Appoggi M6

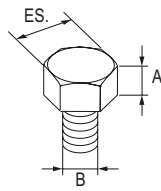
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Appoggi M8

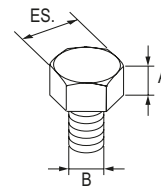
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

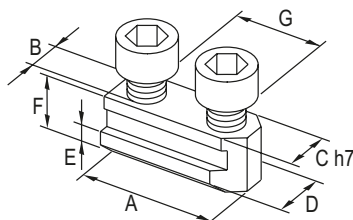
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello doppio

Double T-nuts



Art.	A	B	C	DH7	E	F	G	Peso Kg Weight Kg
2793-BH	56	M16	21	25	10	26,5	30	0,145

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE AN-D AL-D APL-D BH-D BHD-FC NT-D NLT-D

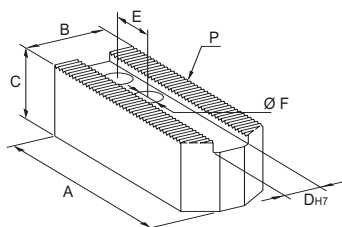
Diametro Diameter 400



Cava Through-hole	25,5
Interasse Center-to-center distance	28
Passo Serration	3/32"x90

Morsetto standard

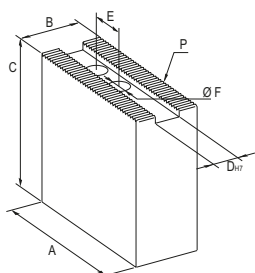
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2008-25,5	140	60	60	3,2
2009-25,5	170	60	60	3,95

Morsetto alto

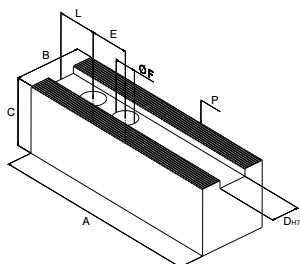
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2613-25,5	160	60	80	4,9
2614-25,5	160	60	100	6,1
2615-25,5	160	60	120	7,2
2616-25,5	160	60	140	8,6

Morsetto lungo

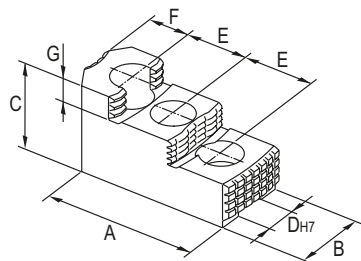
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2010-25,5	180	70	70	5,9
2010-L230/25,5	230	80	80	11,5

Griffa temprata reversibile

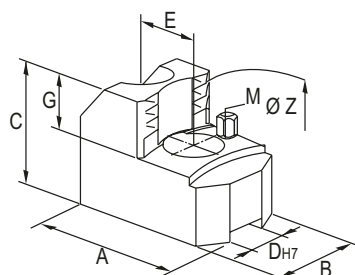
Hard reversible top jaw



Art.	A	B	C	D _{H7}	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2669-25,5	140	60	73	25,5	38	17	8

Griffa temprata per bloccare pezzi grezzi

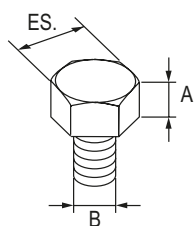
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3016-25,5	163	55	67	100-170	8
3017-25,5	131	60	67	170-240	7,5
3018-25,5	125	70	85	240-310	9
3019-25,5	165	80	85	310-430	12

Appoggi M10

M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli singoli e doppi

Single and double T-nuts

FIG.1

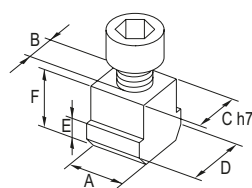
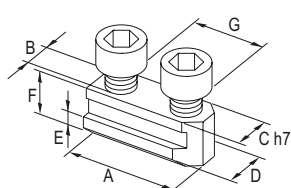


FIG. 2



	Art.	A	B	C _{H7}	D	E	F	G	Peso Kg Weight Kg
FIG.1	2121-25,5	30	M20	25,5	35	15	35		0,16
FIG.2	2795-BH	70	M20	25,5	30	14,9	33	38	1,4

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► TIPO TYPE AN-D AL-D APL-D BH-D BHD-FC NT-D NLT-D

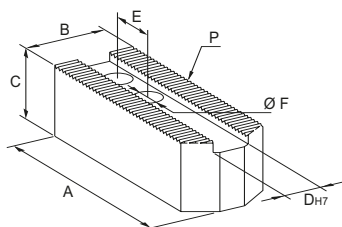
Diametro Diameter 500



Cava Through-hole	25,5
Interasse Center-to-center distance	28
Passo Serration	3/32"x90

Morsetto standard

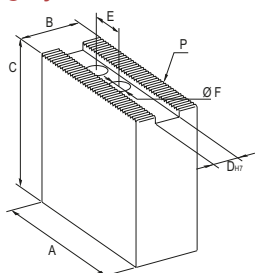
Standard jaw



Art.	A	B	C	Peso Kg Weight Kg
2008-25,5	140	60	60	3,2
2009-25,5	170	60	60	3,95

Morsetto alto

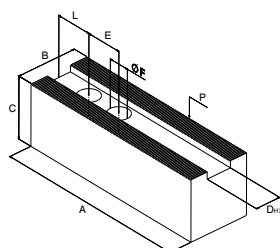
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2613-25,5	160	60	80	4,9
2614-25,5	160	60	100	6,1
2615-25,5	160	60	120	7,2
2616-25,5	160	60	140	8,6

Morsetto lungo

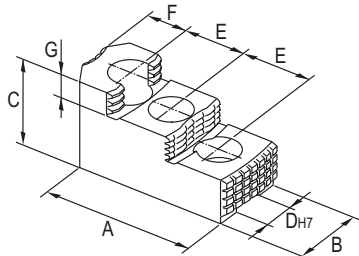
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2010-25,5	180	70	70	5,9
2010-L230/25,5	230	80	80	11,5

Griffa temprata reversibile

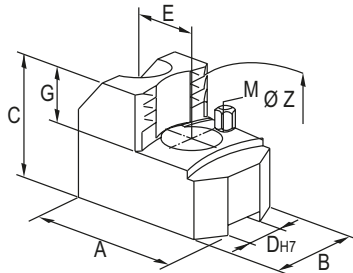
Hard reversible top jaw



Art.	A	B	C	D _{H7}	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2669-25,5	140	60	73	25,5	38	17	8

Griffa temprata per bloccare pezzi grezzi

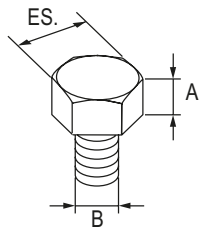
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3025	195	60	60	100-175	11
3026	163	60	60	175-275	8,3
3027	113	80	78	275-375	9,4
3028	130	80	85	375-475	11
3029	179	90	85	475-550	13,5

Appoggi M8

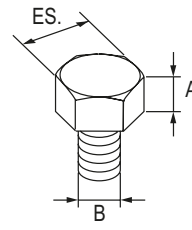
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

M10 insert screws



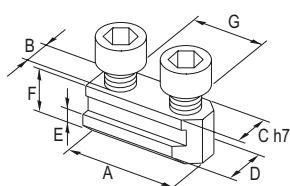
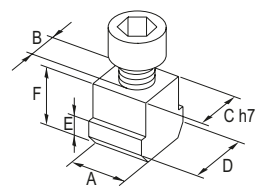
Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli singoli e doppi

Single and double T-nuts

FIG.1

FIG. 2



	Art.	A	B	C _{H7}	D	E	F	G	Peso Kg Weight Kg
FIG.1	2121-25,5	30	M20	25,5	35	15	35		0,16
FIG.2	2795-BH	70	M20	25,5	30	14,9	33	38	1,4

AUTOBLOK – Mandrini

AUTOBLOK – Chucks

► **TIPO TYPE** **AN-D** **AL-D** **APL-D** **BH-D** **BHD-FC** **NT-D** **NLT-D**

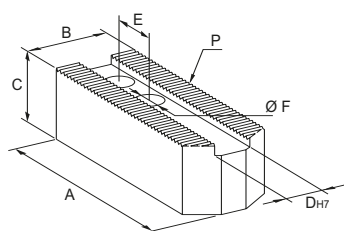
Diametro Diameter 630



Cava Through-hole	25,5
Interasse Center-to-center distance	28
Passo Serration	3/32"x90

Morsetto standard e largo

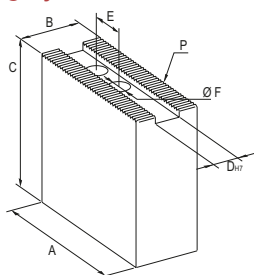
Standard and long jaw



Art.	A	B	C	Peso Kg Weight Kg
2009-25,5	170	60	60	3,95
2010-25,5	180	70	70	5,9

Morsetto alto

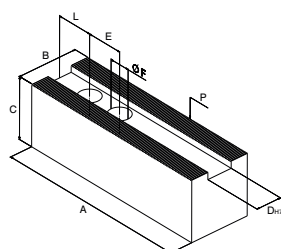
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2613-25,5	160	60	80	4,9
2614-25,5	160	60	100	6,1
2615-25,5	160	60	120	7,2
2616-25,5	160	60	140	8,6

Morsetto lungo

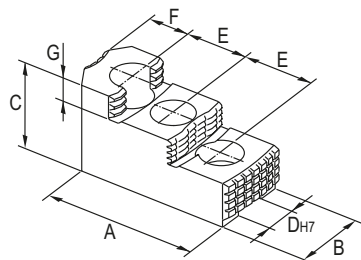
Long jaw



Art.	A	B	C	Peso Kg Weight Kg
2010-L230/25,5	230	80	80	11,5

Griffa temprata reversibile

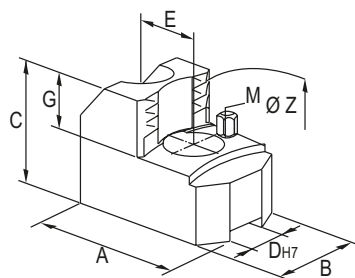
Hard reversible top jaw



Art.	A	B	C	D _{H7}	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
2670-25,5	145	70	75	25,5	38	17	8,1

Griffa temprata per bloccare pezzi grezzi

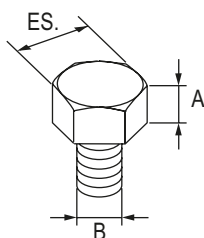
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3035	195	68	65	210-290	12,50
3036	163	68	65	290-390	11,50
3037	120	78	80	390-490	10,00
3038	135	78	85	490-590	11,50
3039	180	90	90	590-660	19,00

Appoggi M10

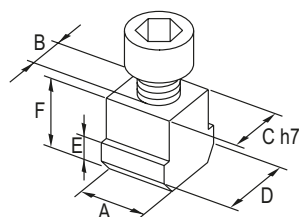
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello singolo

Single T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
2780-25,5	32	M20	25,5	40	155	40		0,24

KITAGAWA – Mandrini

KITAGAWA – Chucks

► TIPO TYPE B-204

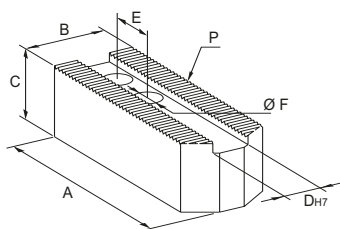
Diametro Diameter 110



Cava Through-hole	10
Interasse Center-to-center distance	14
Passo Serration	1,5x60°

Morsetto standard e alto

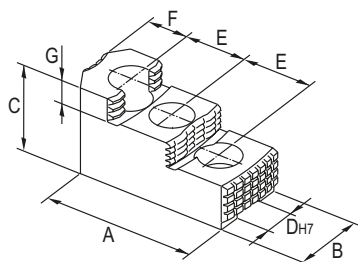
Standard and high jaw



Art.	A	B	C	Peso Kg Weight Kg
2637	55	25	30	0,3
2640	55	25	50	0,4

Griffa temprata reversibile

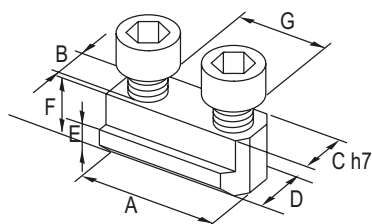
Hard reversible top jaw



Art.	L	B	H	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB04N1	53	23	27,5	10	0,4

Tassello doppio

Double T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
3100	26	M8	10	15	5,5	15	14	0,03

► TIPO TYPE B-205

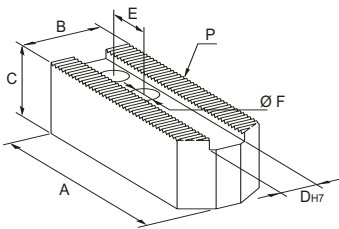
Diametro Diameter 135



Cava Through-hole	10
Interasse Center-to-center distance	14
Passo Serration	1,5x60°

Morsetto standard e alto

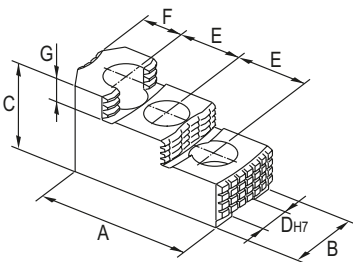
Standard and high jaw



Art.	A	B	C	Peso Kg Weight Kg
2637	55	25	30	0,3
2640	55	25	50	0,4

Griffa temprata reversibile

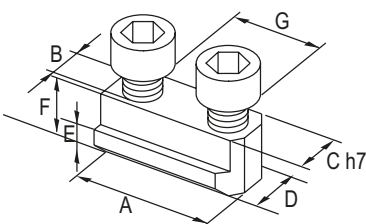
Hard reversible top jaw



Art.	L	B	H	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB04N1	53	23	27,5	10	0,4

Tassello doppio

Double T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
3100	26	M8	10	15	5,5	15	14	0,03

KITAGAWA – Mandrini

KITAGAWA – Chucks

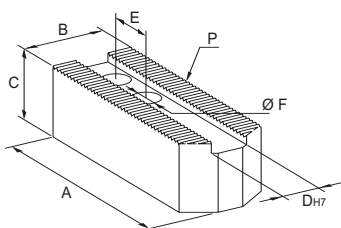
► **TIPO TYPE** **B-206** **BB-206** **BR-06**

Diametro Diameter **165**



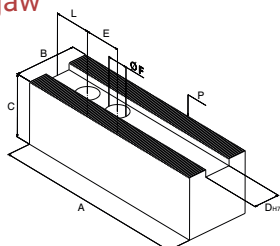
Cava Through-hole	12
Interasse Center-to-center distance	20
Passo Serration	1,5x60°

Morsetto standard e largo
Standard and long jaw



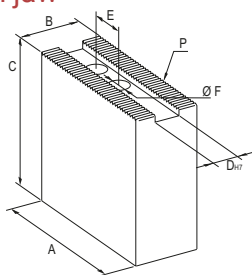
Art.	A	B	C	Peso Kg Weight Kg
2583	72	30	30	0,3
2583-35x35	72	35	35	0,45
2583-50x50	72	50	50	1,2

Morsetto lungo
Long jaw



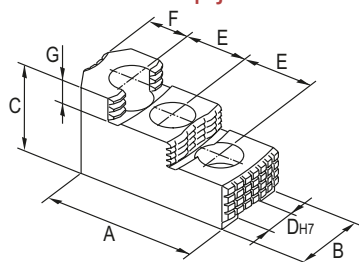
Art.	A	B	C	Peso Kg Weight Kg
2583L	81	30	30	0,4
2642-L81	81	30	50	1,25

Morsetto alto
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2642	72	30	50	0,6
2642-C60	72	30	60	0,65
2642-C80	72	30	80	0,9
2642-C100	72	30	100	1,1

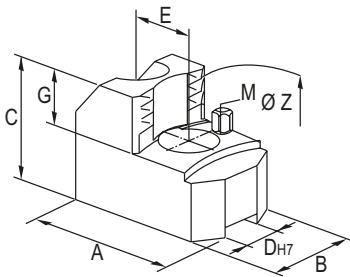
Griffa temprata reversibile
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB06A1	66,6	31	36	12	11	12	0,9

Griffa temprata per bloccare pezzi grezzi

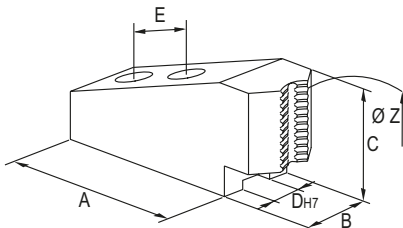
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3040	76	30	40	30-50	1
3041	68	30	40	50-70	0,9
3042	63	35	50	70-90	1,1
3043	58	40	50	90-110	1,5
3044	63	40	50	110-130	1,6

Griffa temprata per presa diametri piccoli

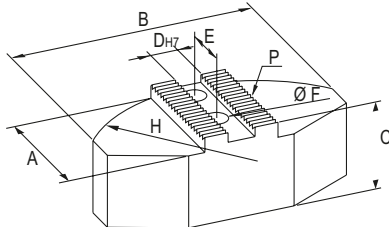
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3095	79	30	40	4-15	1,3
3090	75	30	40	15-30	1,2

3 morsetti avvolgenti diam. 165

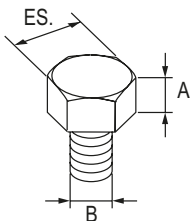
n. 3 pie jaws diam.165



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3580	60	120	40	Acciao Steel	3,2
3580-A	60	120	49	Alluminio Aluminum	1,7

Appoggi M6

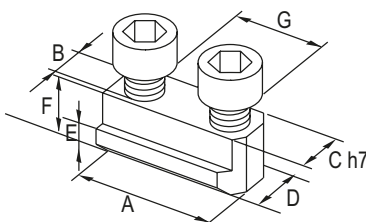
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Tassello doppio

Double T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
2122	36	M10	12	17,5	7,5	18,5	20	0,05

KITAGAWA – Mandrini

KITAGAWA – Chucks

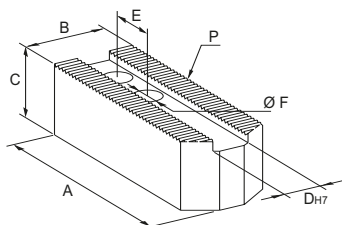
► TIPO TYPE **B-208** **BB-208** **BR-08**

Diametro Diameter **210**



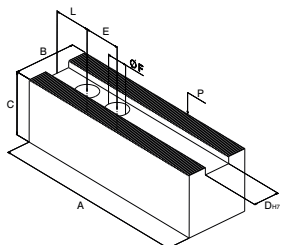
Cava Through-hole	14
Interasse Center-to-center distance	25
Passo Serration	1,5x60°

Morsetto standard e largo
Standard and long jaw



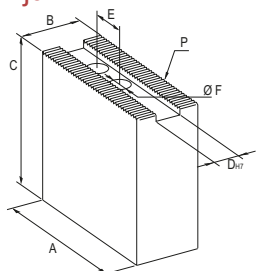
Art.	A	B	C	Peso Kg Weight Kg
2584	95	35	35	0,7
2584-40x40	95	40	40	0,95
2584-50x50	95	50	50	1,5

Morsetto lungo
Long jaw



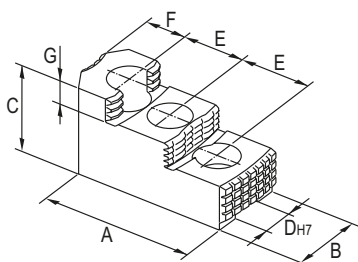
Art.	A	B	C	Peso Kg Weight Kg
2584L	102	35	40	0,9
2584L-120	120	40	40	1,3
2584L-140	140	40	40	1,4

Morsetto alto
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2643	95	35	50	1,1
2643-C60	95	35	60	1,15
2644	95	35	80	1,6
3000	95	35	100	1,85
3000-C120	95	35	120	2,1

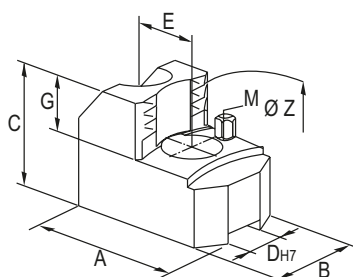
Griffa temprata reversibile
Hard reversible top jaw



Art.	A	B	C	DH7	F	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB08A1-G	86	35	51	14	14	12	1,8

Griffa temprata per bloccare pezzi grezzi

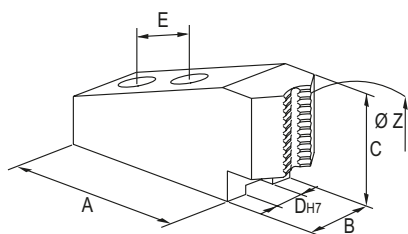
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3051	91	35	49	30-60	2
3052	80	35	49	60-90	1,8
3053	68	40	58	90-120	1,65
3054	65	40	58	120-150	1,94
3055-1	72	45	58	150-180	0,87
3055-2	88	45	58	180-210	1,07

Griffa temprata per presa diametri piccoli

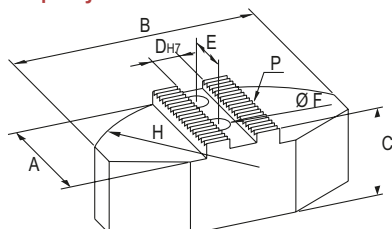
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3096	94	35	46	4-15	1,45
3091	90	35	49	15-35	1,35
4051	81	35	49	35-65	1,92

3 morsetti avvolgenti diam. 210

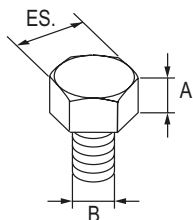
n. 3 pie jaws diam. 210



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3581	70	140	50	Acciao Steel	6,9
3581-A	75	140	59	Alluminio Aluminum	3

Appoggi M6

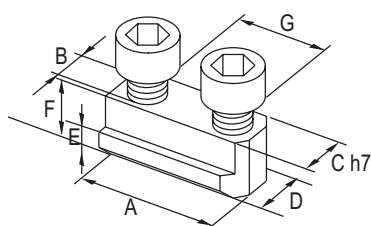
M6 insert screws



Art.	H	ES	Kg
2750	5	10	0,025
2751	10	10	0,035
2752	15	10	0,04
2753	20	10	0,055

Tassello doppio

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2123	46,5	M12	14	20,5	8,5	20,5	25	0,08

KITAGAWA – Mandrini

KITAGAWA – Chucks

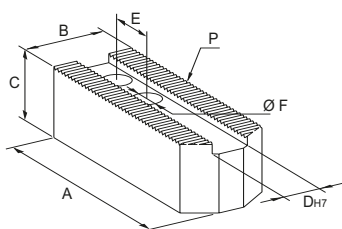
► **TIPO TYPE** B-210 BB-210 BR-10

Diametro Diameter 254



Cava Through-hole	16
Interasse Center-to-center distance	30
Passo Serration	1,5x60°

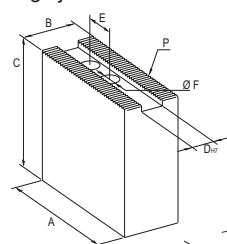
Morsetto standard
Standard jaw



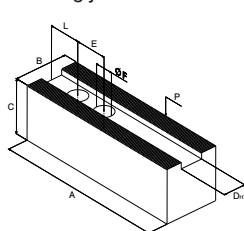
Art.	A	B	C	Peso Kg Weight Kg
2586	110	40	40	1,1
2586-45x45	110	45	45	1,65

Morsetto lungo-largo-alto
Long-large-high jaw

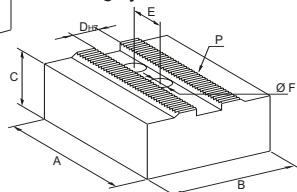
Morsetto alto
High jaw



Morsetto lungo
Long jaw

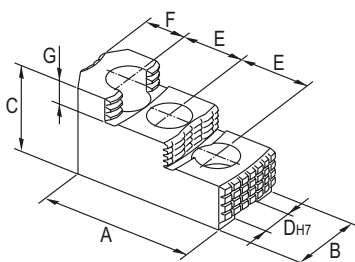


Morsetto largo
Large jaw



	Art.	A	B	C	Peso Kg Weight Kg
MORSETTO LUNGO LONG JAW	2586L	125	40	40	1,2
	2586 L-150	150	50	50	2,5
	2586 L-180	180	50	50	3
	2645-L	125	40	60	1,9
MORSETTO LARGO LARGE JAW	2586 50x50	110	50	50	1,8
	2586 60x40	110	60	40	1,7
	2586 60x60	110	60	60	2,6
	2586 80x40	110	80	40	2,3
	2586 80x80	110	80	80	4,8
MORSETTO ALTO HIGH JAW	2645	110	40	60	1,7
	2646	110	40	80	2,3
	2647	110	40	100	2,8
	2647 C120	110	40	120	3,4

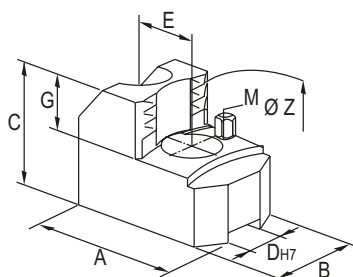
Griffa temprata reversibile
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB10A1	99,5	40	54	13	2,8

Griffa temprata per bloccare pezzi grezzi

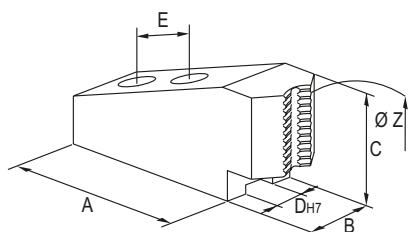
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3060	105	40	49	40-80	2,4
3061	90	40	49	80-120	2,3
3062	80	45	58	120-160	2,65
3063	80	50	58	160-200	2,7
3064-1	95	60	65	200-240	1,76
3064-2	115	60	65	240-280	2,04

Griffa temprata per presa diametri piccoli

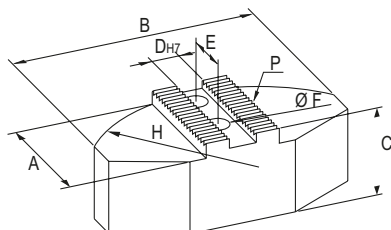
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3097	110	40	50	4-20	3,9
3092	105	40	50	20-45	3,6
4060	94	40	49	40-80	3,85

3 morsetti avvolgenti diam. 250

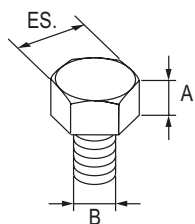
n. 3 pie jaws diam. 250



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3582	90	180	60	Acciao Steel	12,3
3582-A	90	180	78	Alluminio Aluminum	6,7

Appoggi M8

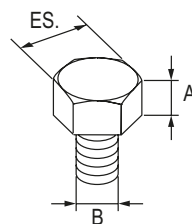
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

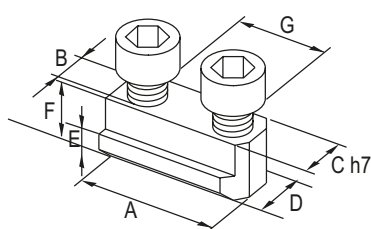
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello doppio

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2124	51	M12	16	22,5	8,5	21,5	30	0,12

KITAGAWA – Mandrini

KITAGAWA – Chucks

► TIPO TYPE **B-212** **BB-212** **BR-12**

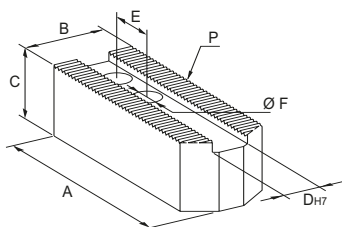
Diametro Diameter **315**



Cava Through-hole	21
Interasse Center-to-center distance	30
Passo Serration	1,5x60°

Morsetto standard

Standard jaw



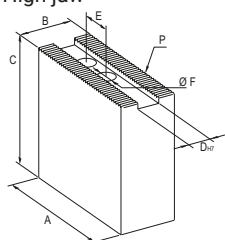
Art.	A	B	C	Peso Kg Weight Kg
2588	130	50	50	2,1

Morsetto lungo-largo-alto

Long-large-high jaw

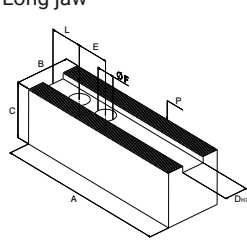
Morsetto alto

High jaw



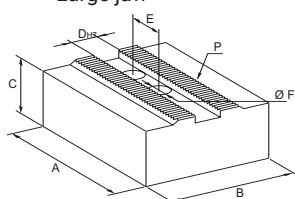
Morsetto lungo

Long jaw



Morsetto largo

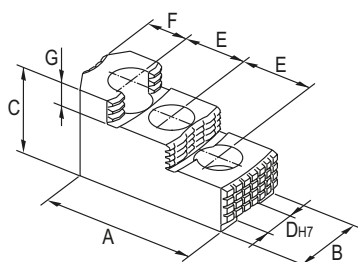
Large jaw



	Art.	A	B	C	Peso Kg Weight Kg
MORSETTO LUNGO LONG JAW	2588L	145	50	50	2,3
	2588L-160	160	50	50	2,6
	2588L-180	180	50	50	2,8
	2588L-200	200	50	50	3,3
MORSETTO LARGO LARGE JAW	2588-80x50	130	80	50	3,4
	2588-80x80	130	80	80	5,6
	2588-B100	130	100	50	4,8
	2588-100x100	130	100	100	8,7
MORSETTO ALTO HIGH JAW	2650	130	50	80	3,3
	2651	130	50	100	4,2
	2651-C120	130	50	120	5,1
	2651-C140	130	50	140	6,1

Griffa temprata reversibile

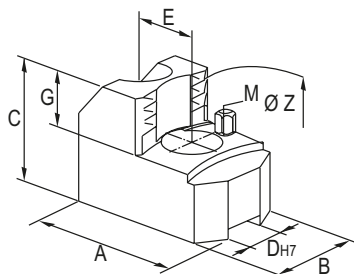
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB12N1	103	50	52	17	3,65

Griffa temprata per bloccare pezzi grezzi

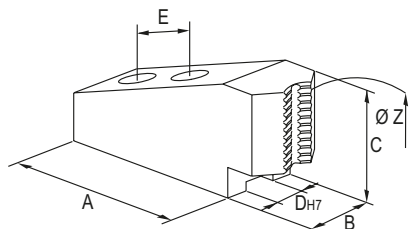
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3074	117	50	49	50-100	5,15
3075	102	50	49	100-150	5
3076	90	60	65	150-200	3,5
3077	115	60	65	200-300	5,5

Griffa temprata per presa diametri piccoli

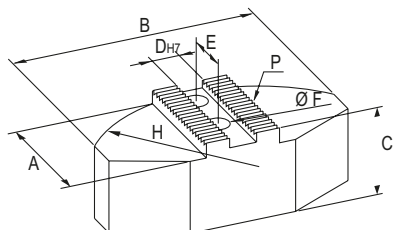
Hard top jaw for small diameter workpiece clamp plate



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3099	124	45	59	5-30	4,2
3094	112	45	57	30-50	4,5
4074	108	50	60	50-100	4,8

3 morsetti avvolgenti diam. 315

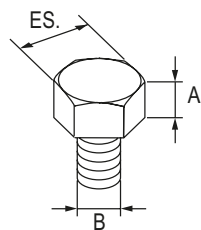
n. 3 pie jaws diam. 315



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3583	110	240	60	Acciao Steel	20,5
3583-A	110	240	78	Alluminio Aluminum	10,5

Appoggi M8

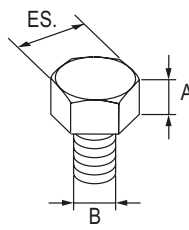
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

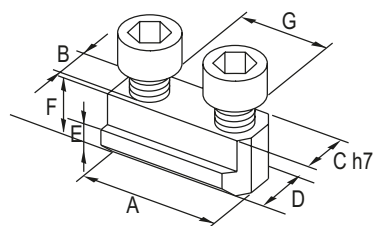
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello doppio

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2654	55,5	M16	21	29,5	11,5	27,75	30	0,2

KITAGAWA – Mandrini

KITAGAWA – Chucks

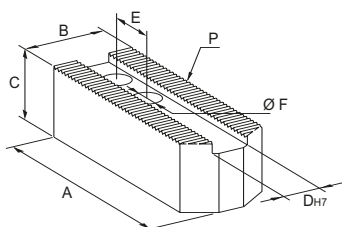
► TIPO TYPE B-15

Diametro Diameter **381**



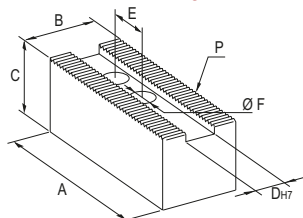
Cava Through-hole	22
Interasse Center-to-center distance	43
Passo Serration	1,5x60°

Morsetto standard Standard jaw



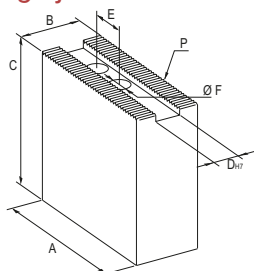
Art.	A	B	C	Peso Kg Weight Kg
2589	165	60	70	4,4

Morsetto lungo e largo Long and large jaw



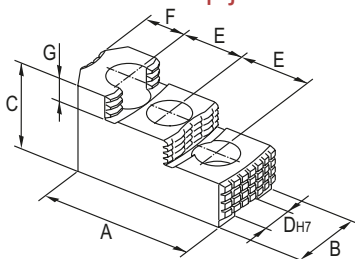
Art.	A	B	C	Peso Kg Weight Kg
2589L-200	200	70	70	6,5
2589L-230	230	70	70	7,6
2589-80x80	165	80	80	7,8

Morsetto alto High jaw



Art.	A	B	C	Peso Kg Weight Kg
2652	165	60	80	5,15
2653	165	60	100	6
2653-C120	165	60	120	6,5
2653-C140	165	60	140	7,65

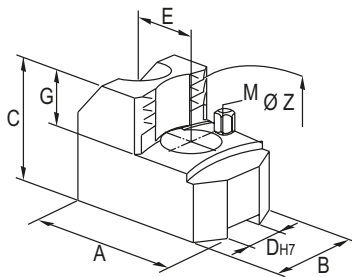
Griffa temprata reversibile Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB15A1	149	62	86	20	10,3

Griffa temprata per bloccare pezzi grezzi

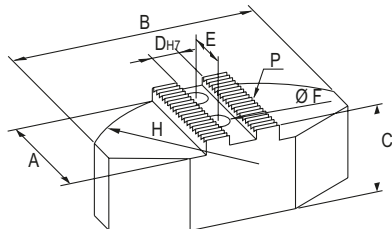
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3045	148	60	68	100-150	8
3046	125	60	68	150-200	6,5
3047	108	65	90	200-275	7,5
3048	123	70	90	275-350	15
3049	158	80	95	350-425	22
3050	240	90	95	425-525	24,5

3 morsetti avvolgenti diam. 381

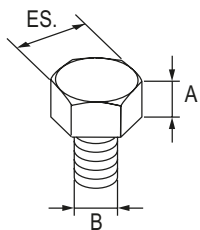
n. 3 pie jaws diam.381



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3584	120	280	80	Acciao Steel	39
3584-A	120	280	78	Alluminio Aluminum	18,7

Appoggi M8

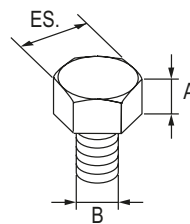
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

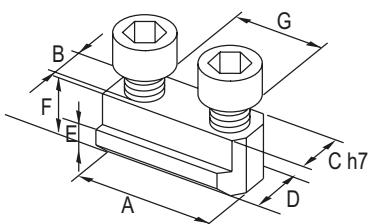
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello doppio

Double T-nuts



Art.	A	B	CH7	D	E	F	G	Peso Kg Weight Kg
2655	80	M20	22	33,5	16,5	45,5	43	0,52

KITAGAWA – Mandrini

KITAGAWA – Chucks

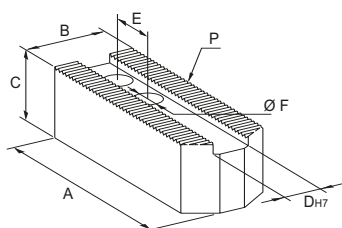
► **TIPO TYPE** B-215 N15

Diametro Diameter 381



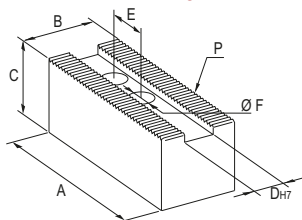
Cava Through-hole	25,5
Interasse Center-to-center distance	43
Passo Serration	1,5x60°

Morsetto standard
Standard jaw



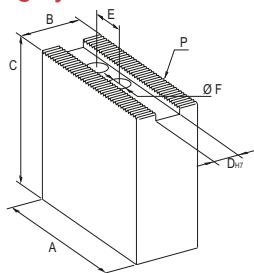
Art.	A	B	C	Peso Kg Weight Kg
2589-25,5	165	60	70	4,4

Morsetto lungo e largo
Long and large jaw



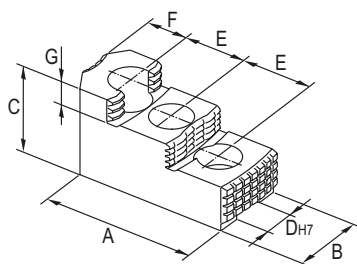
Art.	A	B	C	Peso Kg Weight Kg
2589-25,5-L-200	200	70	70	6,5
2589-25,5-L-230	230	70	70	7,6
2589-25,5-80x80	165	80	80	7,8

Morsetto alto
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2652-25,5	165	60	80	5,15
2653-25,5	165	60	100	6
2653-25,5-C120	165	60	120	6,5
2653-25,5-C140	165	60	140	7,65

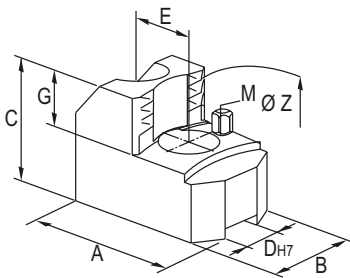
Griffa temprata reversibile
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB15N1	149	62	86	30	10,2

Griffa temprata per bloccare pezzi grezzi

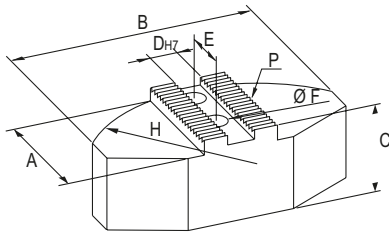
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3045-25,5	148	60	68	100-150	8
3046-25,5	125	60	68	150-200	6,5
3047-25,5	108	65	90	200-275	7,5
3048-25,5	123	70	90	275-350	15
3049-25,5	158	80	95	350-425	22
3050-25,5	240	90	95	425-525	24,5

3 morsetti avvolgenti diam. 381

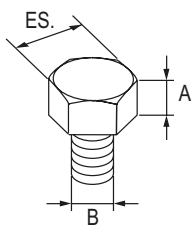
n. 3 pie jaws diam.381



Art.	A	B	C	Materiale Material	Peso Kg per serie 3pz Weight Kg 3-piece set
3584-25,5	120	280	80	Acciaio Steel	39
3584-A-25,5	120	280	78	Alluminio Aluminum	18,7

Appoggi M8

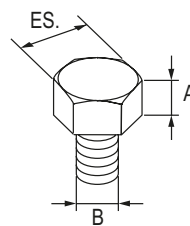
M8 insert screws



Art.	H	ES	Kg
2760	5	13	0,035
2761	10	13	0,055
2762	15	13	0,07
2763	20	13	0,08

Appoggi M10

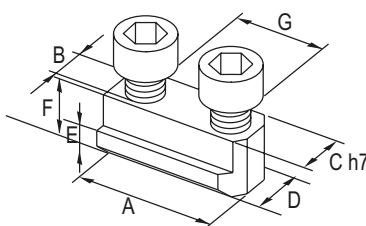
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135
2774	25	17	0,14
2775	30	17	0,145
2776	35	17	0,15

Tassello doppio

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2655C	80	M20	25,5	35	19	39,25	43	0,52

KITAGAWA – Mandrini

KITAGAWA – Chucks

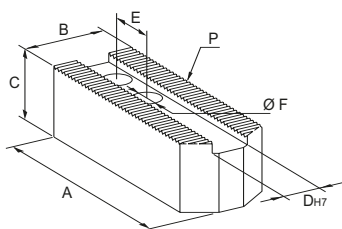
► TIPO TYPE B-18

Diametro Diameter 454



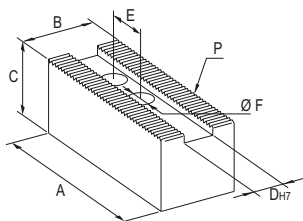
Cava Through-hole	22
Interasse Center-to-center distance	43
Passo Serration	1,5x60°

Morsetto standard Standard jaw



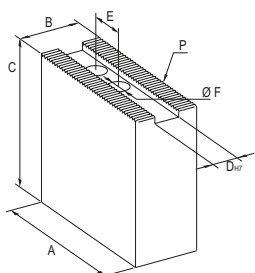
Art.	A	B	C	Peso Kg Weight Kg
2589	165	60	70	4,4

Morsetto lungo e largo Long and large jaw



Art.	A	B	C	Peso Kg Weight Kg
2589L-200	200	70	70	-
2589L-230	230	70	70	-
2589-80x80	165	80	80	7,8

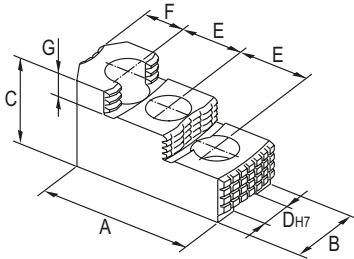
Morsetto alto High jaw



Art.	A	B	C	Peso Kg Weight Kg
2652	165	60	80	5,15
2653	165	60	100	6
2653-C120	165	60	120	6,5
2653-C140	165	60	140	7,65

Griffa temprata reversibile

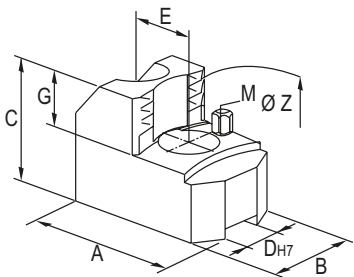
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB15A1	149	62	86	20	10,3

Griffa temprata per bloccare pezzi grezzi

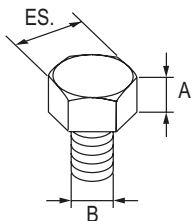
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3056	128	60	68	150-250	10
3057	120	70	90	250-350	13
3058	160	80	90	350-450	15
3059	210	90	90	450-550	22
3008	290	90	95	550-650	36

Appoggi M10

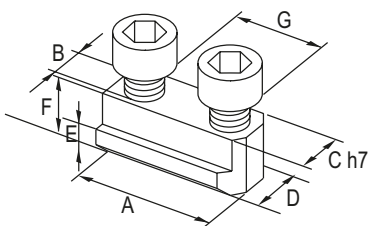
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tassello doppio

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2655	80	M20	22	33,5	16,5	45,5	43	0,52

KITAGAWA – Mandrini

KITAGAWA – Chucks

► TIPO TYPE B-21

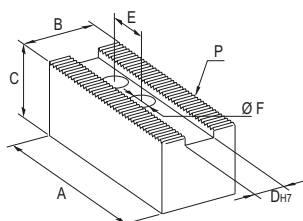
Diametro Diameter **530**



Cava Through-hole	25
Interasse Center-to-center distance	50/60
Passo Serration	3x60°

Morsetto standard e lungo

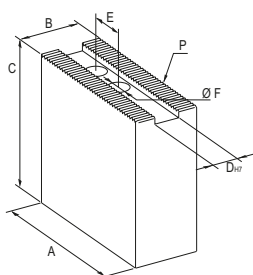
Standard and long jaw



Art.	A	B	C	Peso Kg Weight Kg
2599	180	70	70	8,4
2673	230	80	80	14,9

Morsetto alto

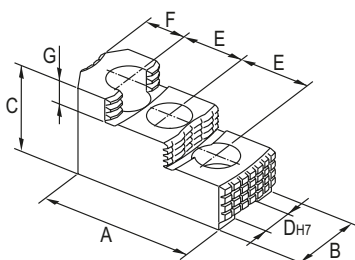
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2671	180	80	100	14,6
2672	180	80	120	17,52
2674	180	80	140	13,5

Griffa temprata reversibile

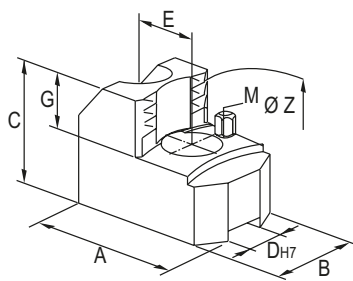
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB18B2	159,5	80	90	40	14,8

Griffa temprata per bloccare pezzi grezzi

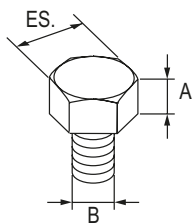
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3065	130	70	100	250-380	15
3066	160	80	100	380-510	22
3067	235	90	115	510-640	25
3068	310	100	115	640-760	30

Appoggi M10

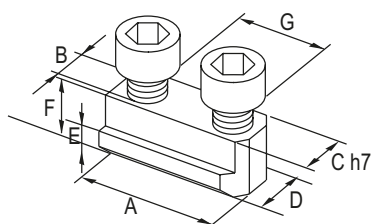
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2655-A	90	M20	25	37,5	19	45	50	0,57
2655-B	100	M20	25	37,5	19	45	60	0,57

KITAGAWA – Mandrini

KITAGAWA – Chucks

► TIPO TYPE B-24

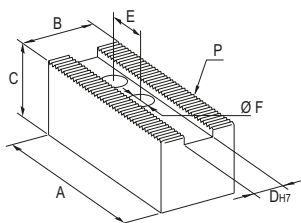
Diametro Diameter 610



Cava Through-hole	25
Interasse Center-to-center distance	50/60
Passo Serration	3x60°

Morsetto standard e lungo

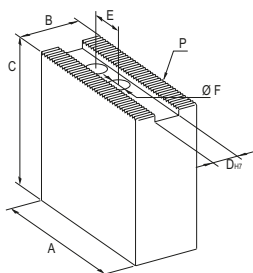
Standard and long jaw



Art.	A	B	C	Peso Kg Weight Kg
2599	180	70	70	8,4
2673	230	80	80	14,9

Morsetto alto

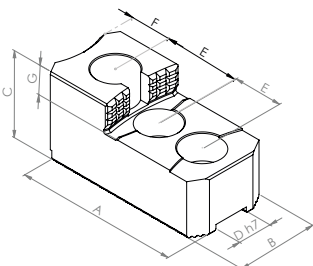
High jaw



Art.	A	B	C	Peso Kg Weight Kg
2671	180	80	100	14,6
2672	180	80	120	17,52
2674	180	80	140	13,5

Griffa temprata reversibile

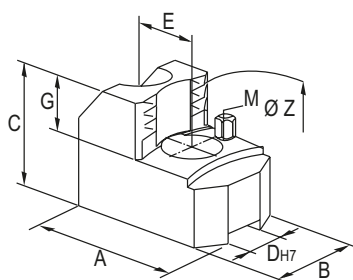
Hard reversible top jaw



Art.	A	B	C	G	Peso Kg per serie 3pz Weight Kg 3-piece set
HB18B2	159,5	80	90	40	14,8

Griffa temprata per bloccare pezzi grezzi

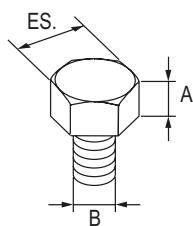
Hard top jaw to clamp workpieces



Art.	A	B	C	Campo di bloccaggio mm Clamping area mm	Peso Kg per serie 3pz Weight Kg 3-piece set
3101	130	80	95	300-460	27
3102	200	90	110	460-620	38
3103	290	100	115	620-780	30
3104	365	100	120	750-900	35

Appoggi M10

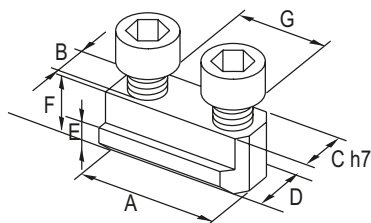
M10 insert screws



Art.	H	ES	Kg
2770	5	17	0,05
2771	10	17	0,08
2772	15	17	0,11
2773	20	17	0,135

Tasselli doppi

Double T-nuts



Art.	A	B	Ch7	D	E	F	G	Peso Kg Weight Kg
2655-A	90	M20	25	37,5	19	45	50	0,57
2655-B	100	M20	25	37,5	19	45	60	0,57

A close-up photograph of a Morse Autocentri Vise, a precision tool used for clamping workpieces. The image is partially covered by a large yellow diagonal overlay. The text 'MORSE AUTOCENTRANTI CENTRIC CLAMPING VISES' is printed in white, bold, sans-serif capital letters. Below the text is a white horizontal line that ends in an arrow pointing to the right. In the background, the metallic components of the vise are visible, including a blue-painted section and a silver-colored section. A small, rectangular metal plate with the text 'ART. 1001 5-40 / 75-110' is visible on the right side of the image. Another metal plate with the text 'MOD' is visible at the bottom right.

MORSE AUTOCENTRANTI CENTRIC CLAMPING VISES



MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Caratteristiche tecniche

Technical specifications



SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

5 differenti dimensioni 5 different sizes	Gestione delle altezze di presa pezzi grezzi: in dotazione viene fornito 1 settore dentato con altezza presa 3mm, 1 settore con altezza presa 5mm (optional) e 1 settore largo per sfruttare tutta l'altezza della griffa (23mm e 27mm). Adjustment of the height of the workpiece clamp plate: our standard kit includes 1 serrated plate with a 3mm high clamp plate, 1 serrated plate with a 5mm high clamp plate (optional) and one wide plate to exploit the full height (23mm and 27mm) of the jaw.
Costruite con acciai legati e sottoposte a trattamenti specifici per garantire il massimo del bloccaggio e della funzionalità Made of alloyed steel and treated specifically to preserve the integrity and longevity of the contact surface	Ottima ripetibilità e precisione per presa pezzi finiti. Highest repeatability and accuracy of the finished piece clamp plate.
Compatibilità con reticoli $100 \pm 0.02\text{mm}$, con sistema quick point $\square 52$ $\square 96$, con punto zero Vischer&Bolli e maggiori costruttori sul mercato. Compatibility with $100 \pm 0.02\text{mm}$ grids, with $\square 52$ $\square 96$ grid system and Zero Point system from Vischer & Bolli and other leading manufacturers	Gestione delle altezze di presa pezzi finiti tramite piattine magnetiche o con appoggi rettificati di diverse altezze (da 5mm a 20mm). Adjustment of the height of the finished workpiece clamp plate by means of magnetic plates or ground insert screws with different heights (ranging from 5mm to 20mm).
Personalizzazione della presa: grazie alla presenza delle griffe basi si possono montare griffe tenere o dure per bloccare parallelepipedi tondi, quadri, esagoni e forme sagomate irregolari. Clamp plate can be customized by means of basic jaws. It is possible to use soft or hard top jaws to clamp round, squared, rectangular and hexagon parallelepipeds or irregularly shaped workpieces	Assortimento vario di accessori e griffe tenere o dure con dimensioni diverse da quelle in dotazione, disponibili in magazzino. Wide range of accessories and of soft and hard top jaws, coming in dimensions that are different than standard sizes, available in stock
Grande forza di serraggio mediante settore dentato cementato e ricoperto al tin High clamping force generated by a serrated hard top tin plate	

- 5 DIFFERENTI DIMENSIONI
- 5 DIFFERENT SIZES



- COMPATIBILITÀ CON RETICOLI $100 \pm 0,02\text{mm}$
CON SISTEMA QUICK POINT □52 □96
CON PUNTO ZERO VISCHER&BOLLI E MAGGIORI COSTRUTTORI SUL
MERCATO.
- COMPATIBILITY WITH $100 \pm 0,02\text{mm}$ GRIDS
WITH □52 □96 QUICK POINT SYSTEM
AND ZERO POINT SYSTEM FROM VISCHER&BOLLI AND FROM OTHER LEADING
MANUFACTURERS.



MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

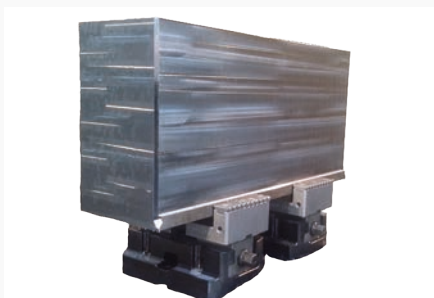
Caratteristiche tecniche
Technical specifications

► PERSONALIZZAZIONE DELLA PRESA

CUSTOMIZATION OF CLAMP PLATE

grazie alla presenza delle griffe basi
through jaws

GRIFFE BASI
JAWS



• bloccaggio di parallelepipedi
clamping of parallelepipeds



• bloccaggio di pezzi tondi in orizzontale
clamping of round parts horizontally



• bloccaggio di pezzi tondi in verticale
clamping of round parts vertically



• bloccaggio di pezzi con
forma sagomata irregolare
clamping of irregularly shaped
workpieces



• bloccaggio di pezzi con
forma sagomata irregolare
clamping of irregularly shaped
workpieces



• bloccaggio speciale
special clamping



• bloccaggio di pezzi
irregolari presa con doppia
oscillazione
Clamping of irregularly
shaped workpieces
double oscillation clamp plate.

► GRANDE FORZA DI SERRAGGIO

HIGHER CLAMPING FORCE

mediante settore dentato cementato e temprato ricoperto al tin
generated by a hard top tin plate



segni ben visibili dovuti alla
penetrazione dei settori sul pezzo
Visible defects on the surface of the workpiece
caused by penetration of the tin plate



► GESTIONE DELLE ALTEZZE DI PRESA PEZZI GREZZI

► ADJUSTMENT OF THE HEIGHT OF THE WORKPIECE CLAMP PLATE

Settore dentato con
altezza presa
3mm

Serrated plate 3mm
high clamp plate



IN DOTAZIONE
INCLUDED

Settore dentato con
altezza presa
5mm

Serrated plate
5mm high clamp plate



OPTIONAL

Settore largo per sfruttare
tutta l'altezza della griffa
23-27mm

Large plate to exploit the full
23-27mm height of jaw



IN DOTAZIONE
INCLUDED

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Caratteristiche tecniche

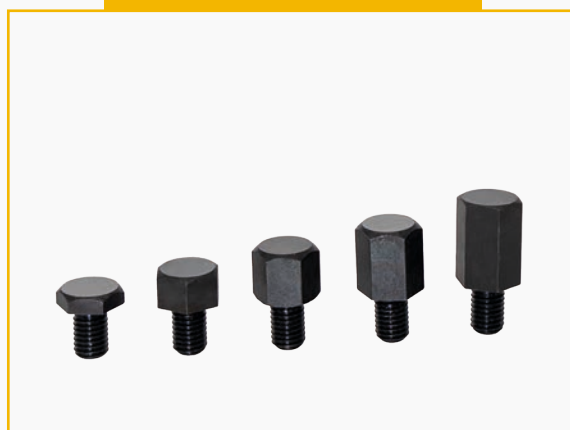
Technical specifications

- **GESTIONE DELLE ALTEZZE DI PRESA FINITA**
tramite piattine magnetiche da 10mm a 20mm tramite
appoggi rettificati di diverse altezze (da 5mm a 20mm)
- **HEIGHT OF FINISHED PIECE CLAMP PLATE**
Can be adjusted by means of magnetic plates with thickness ranging
from 10mm to 20mm or ground insert screws with different heights
(from 5mm to 20mm)

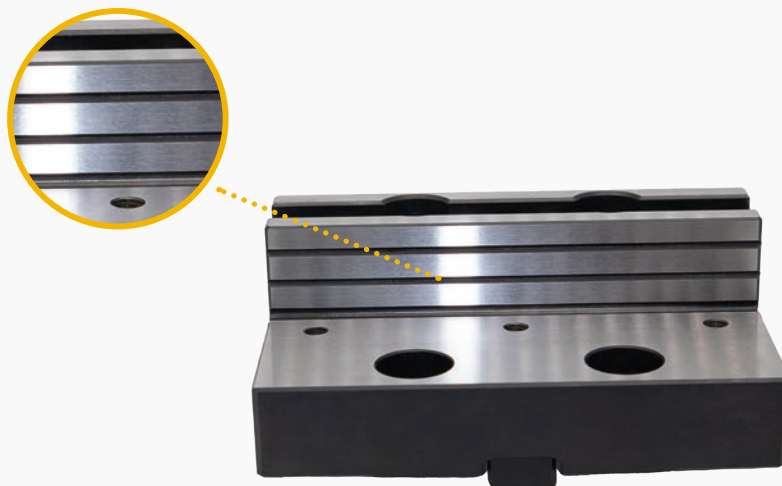
Piattine magnetiche
Magnetic plates



appoggi
Insert screws



- **OTTIMA RIPETIBILITÀ E PRECISIONE**
per presa pezzi finiti
- **HIGHEST REPEATABILITY AND ACCURACY**
when clamping finished pieces



- **ASSORTIMENTO VARIO DI ACCESSORI E GRIFFE TENERE O DURE**
con dimensioni diverse da quelle in dotazione
- **WIDE RANGE OF ACCESSORIES AND SOFT AND HARD TOP JAW**
available in sizes different than standard



griffa tenera C40
Soft top jaw made of C40 steel



griffa tenera Ergal
Soft top jaw made of Ergal



griffa larga
wide jaw



griffa prolungata per
bloccare campi maggiori
Extended jaw to clamp larger
workpieces



griffa speciale a doppia
oscillazione
Double oscillation special jaw



griffa a V per bloccaggio
pezzi tondi
V-shape jaw to clamp round
workpieces



griffa ad altezza maggiorata
per bloccaggio di pezzi
molti alti
Higher jaw to clamp very high
workpieces



griffa stretta
Narrow jaw

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Mod. I30



CAMPO DI FISSAGGIO

CLAMPING AREA

- 6mm-95mm

CARATTERISTICHE

SPECIFICATIONS

- ① corpo in acciaio
body made of steel
- ② vite e corsei nitrurati
nitrided screw and slides
- ③ design compatto
compact design
- ④ applicazione su tutte le macchine utensili
applicable to all machine tools
- ⑤ versatile con diverse soluzioni di bloccaggio
versatile clamping solutions
- ⑥ presa grezzo 3mm o 5mm (optional)
workpiece plate 3mm o 5mm (optional)
- ⑦ presa pezzo finito 20mm
finished piece clamp plate 20mm

DOTAZIONE STANDARD

STANDARD KIT

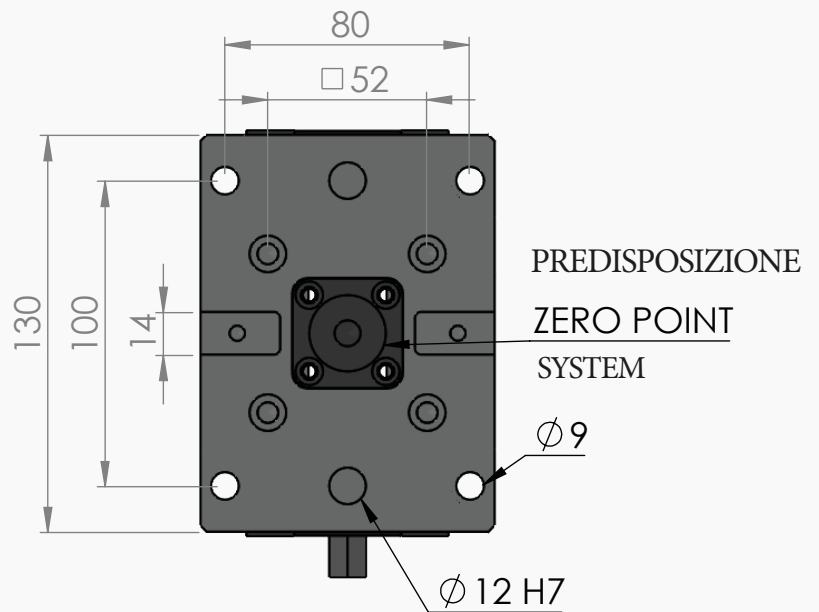
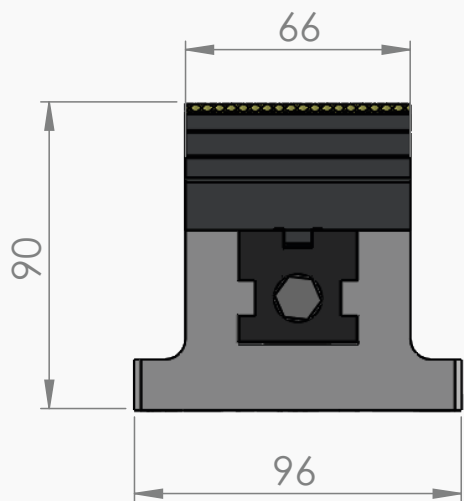
- 1 morsa mod. 130 mod. 130 vise
- 1 chiave esagonale a cricchetto hex ratched wrench
- 2 chiavette 14 h7 14 h7 wrenches
- 8 viti M8 M8 screws
- 4 viti M8 x55 M8 x55 screws
- 2 set di griffe jaw sets
- 2 coppie di settori cementati e temprati
pairs of hard top plates
(1 coppia H3 mm
1 coppia larga per presa H23 mm)
(1 pair H3 mm
1 large pair for clamp plate H23 mm)



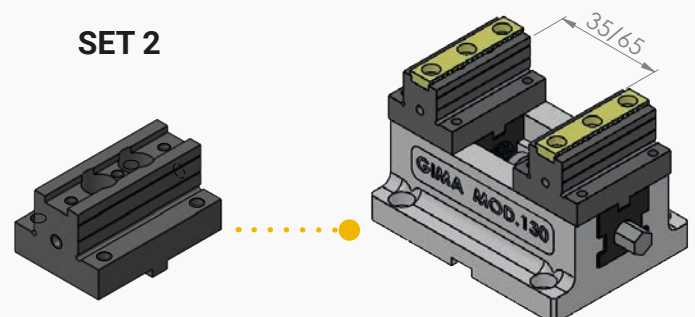
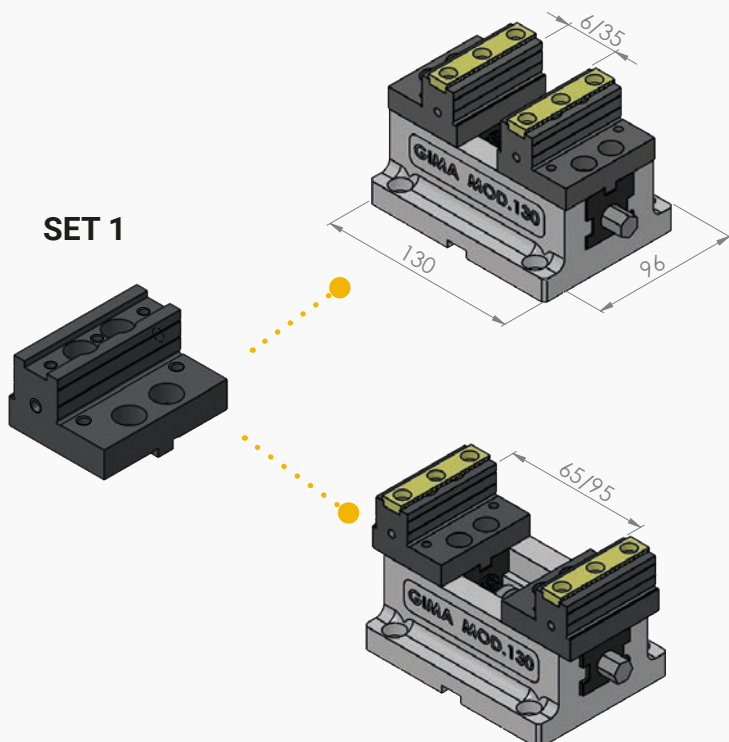
FORZA DI BLOCCAGGIO CLAMPING FORCE

Nm 40	KN 11	Kg · f 1100
Nm 60	KN 15	Kg · f 1500
Nm 80	KN 20	Kg · f 2000

DISEGNI TECNICI TECHNICAL DRAWINGS



CAMPO DI SERRAGGIO PEZZO WORKPIECE CLAMPING AREA



ACCESSORI ACCESSORIES

Mod. I30

► SET GRIFFE ► JAW SET

FIG. 1

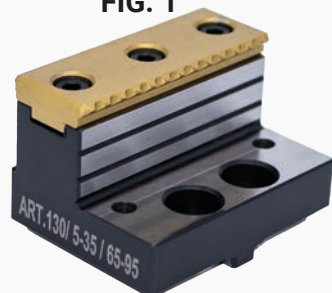


FIG. 2



ART.	Descrizione Description
130/5-35/65-95	Ganascia con settore per bloccare su pezzo grezzo (specificare il tipo di settore al momento dell'acquisto)
130/35-65	Jaw with workpiece clamp plate (please specify plate model when ordering)

► GANASCE LAVORABILI ► MACHINABLE JAWS



ART.	Descrizione Description
130-01	Ganascia lavorabile in acciaio C40 Machinable jaw made of in C40 Steel
130-01-AL	Ganascia lavorabile in Ergal Machinable jaw made of Ergal

► FERMO PEZZO ► WORKPIECE STOP



ART.	Descrizione Description
130-02	Fermo pezzo Workpiece stop

Molto altro disponibile in magazzino
More items in stock

► PIATTINE MAGNETICHE
► MAGNETIC PLATES



ART.	Descrizione Description
790-06-050.10	Piastrina magnetica Magnetic plate H=10mm
790-06-050.11	Piastrina magnetica Magnetic plate H=11mm
790-06-050.12	Piastrina magnetica Magnetic plate H=12mm
790-06-050.15	Piastrina magnetica Magnetic plate H=15mm
790-06-050.17	Piastrina magnetica Magnetic plate H=17mm
790-06-050.18	Piastrina magnetica Magnetic plate H=18mm

► APPOGGI
► INSERT SCREWS



ART.	Descrizione Description
2750	Appoggi insert screws M6x5
2751	Appoggi insert screws M6x10
2752	Appoggi insert screws M6x15
2753	Appoggi insert screws M6x20

► SETTORE TEMPRATO PER BLOCCARE PEZZI GREZZI
► HARD TOP PLATE TO CLAMP WORKPIECES



ART.	Descrizione Description
M130/160-04-H3	Presa altezza Clamp plate height 3mm
M130/160-04-H5	Presa altezza Clamp plate height 5mm
M130/160-04-L	Presa altezza Clamp plate height 23mm

Molto altro disponibile in magazzino
More items in stock

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Mod. 160-S



CAMPO DI FISSAGGIO

CLAMPING AREA

- 6mm-120mm

CARATTERISTICHE

SPECIFICATIONS

- | | | | | |
|---|--|-------------------------------------|---|---|
| ① corpo in acciaio
body made of steel | ② viti e corsoi nitruati
nitrided screw and slides | ③ design compatto
compact design | ④ applicazione su tutte le macchine utensili
applicable to all machine tools | ⑤ versatile con diverse soluzioni di bloccaggio
versatile clamping solutions |
| ⑥ presa grezzo 3mm o 5mm (optional)
workpiece plate 3mm o 5mm (optional) | ⑦ presa pezzo finito 20mm
finished piece clamp plate 20mm | | | |

DOTAZIONE STANDARD

STANDARD KIT

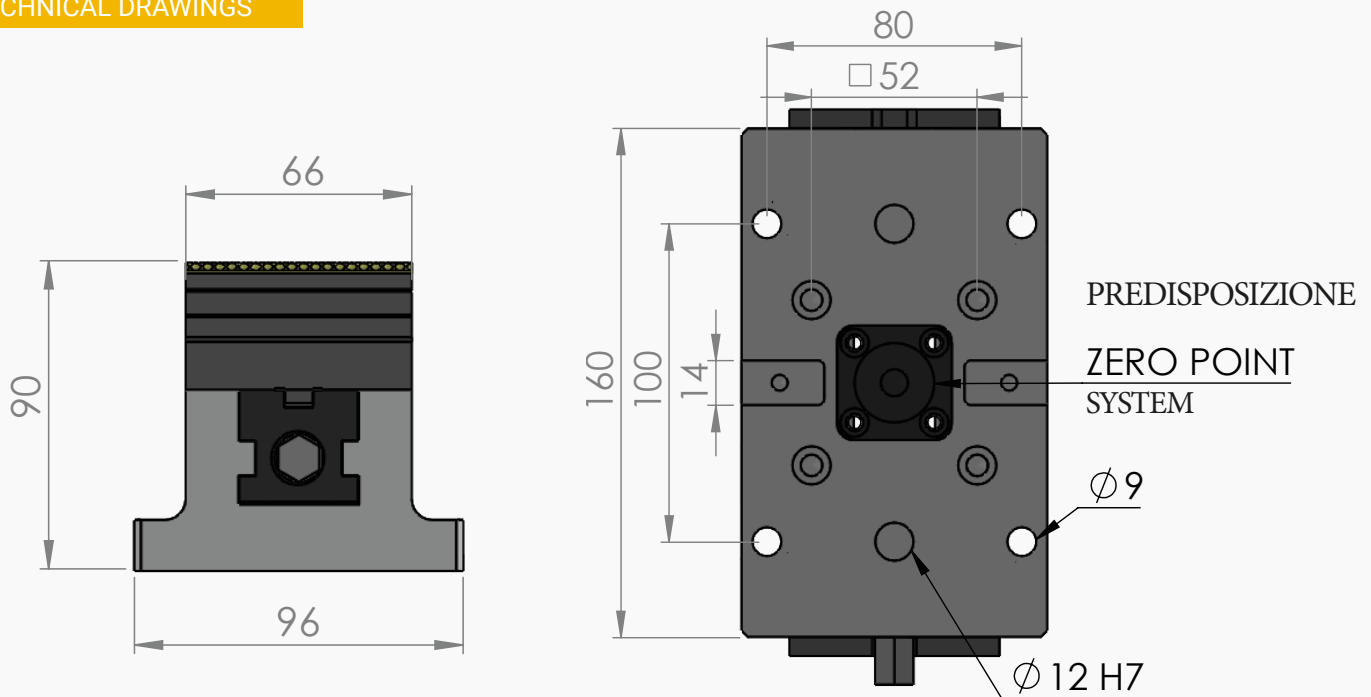
- 1 morsa mod. 160-S mod. 160-S vise
- 1 chiave esagonale a cricchetto hex ratched wrench
- 2 chiavette 14 h7 14 h7 wrenches
- 8 viti M8 M8 screws
- 4 viti M8 x55 M8 x55 screws
- 2 set di griffe jaw sets
- 2 coppie di settori cementati e temprati
pairs of hard top plates
(1 coppia H3 mm
1 coppia larga per presa H23 mm)
(1 pair H3 mm
1 large pair for clamp plate H23 mm)



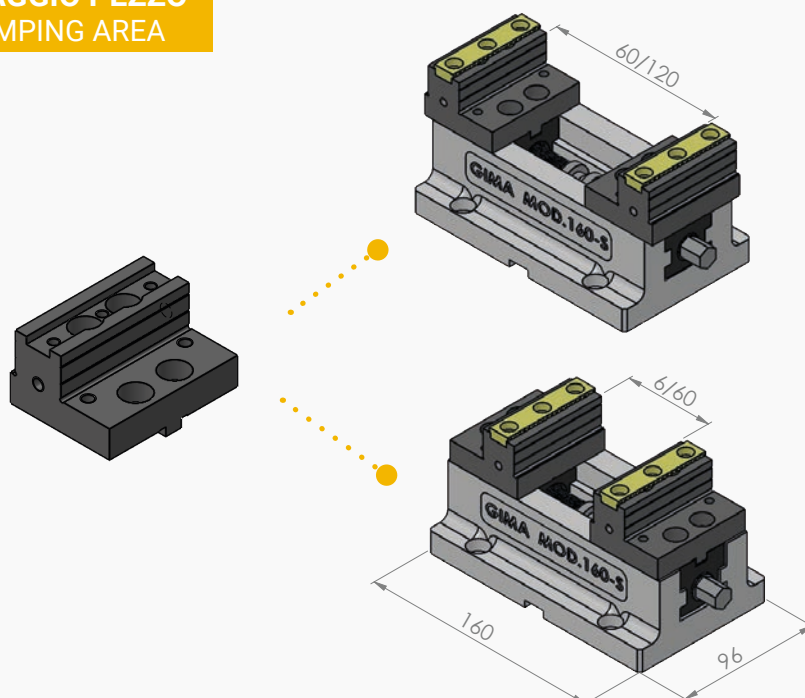
FORZA DI BLOCCAGGIO CLAMPING FORCE

Nm 120	KN 20	Kg · f 2000
Nm 160	KN 30	Kg · f 3000
Nm 200	KN 40	Kg · f 4000

DISEGNI TECNICI TECHNICAL DRAWINGS



CAMPO DI SERRAGGIO PEZZO WORKPIECE CLAMPING AREA

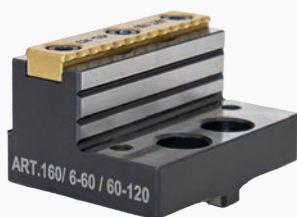


ACCESSORI ACCESSORIES

Mod. I60-S

► SET GRIFFE

► JAW SET



ART.	Descrizione Description
160/6-60/60-120	Ganascia con settore per bloccare su pezzo grezzo (specificare il tipo di settore al momento dell'acquisto)
160/6-60	Jaw with workpiece clamp plate (please specify plate model when ordering)

► GANASCE LAVORABILI

► MACHINABLE JAWS



ART.	Descrizione Description
160-S-01	Ganascia lavorabile in acciaio C40 Machinable jaw made of in C40 Steel
160-S-01A	Ganascia lavorabile in Ergal Machinable jaw made of Ergal

► FERMO PEZZO

► WORKPIECE STOP



ART.	Descrizione Description
130-02	Fermo pezzo Workpiece stop

Molto altro disponibile in magazzino
More items in stock

► PIATTINE MAGNETICHE
► MAGNETIC PLATES



ART.	Descrizione Description
790-06-050.10	Piastrina magnetica Magnetic plate H=10mm
790-06-050.11	Piastrina magnetica Magnetic plate H=11mm
790-06-050.12	Piastrina magnetica Magnetic plate H=12mm
790-06-050.15	Piastrina magnetica Magnetic plate H=15mm
790-06-050.17	Piastrina magnetica Magnetic plate H=17mm
790-06-050.18	Piastrina magnetica Magnetic plate H=18mm

► APPOGGI
► INSERT SCREWS



ART.	Descrizione Description
2750	Appoggi insert screws M6x5
2751	Appoggi insert screws M6x10
2752	Appoggi insert screws M6x15
2753	Appoggi insert screws M6x20

► SETTORE TEMPRATO PER BLOCCARE PEZZI GREZZI
► HARD TOP PLATE TO CLAMP WORKPIECES



ART.	Descrizione Description
M130/160-04-H3	Presa altezza Clamp plate height 3mm
M130/160-04-H5	Presa altezza Clamp plate height 5mm
M130/160-04-L	Presa altezza Clamp plate height 23mm

Molto altro disponibile in magazzino
More items in stock

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Mod. 160



CAMPO DI FISSAGGIO

CLAMPING AREA

- 8mm-105mm

CARATTERISTICHE

SPECIFICATIONS

- | | | | | |
|--|---|-------------------------------------|---|---|
| ① corpo in acciaio
body made of steel | ② viti e corsei nitrurati
nitrided screw and
slides | ③ design compatto
compact design | ④ applicazione su tutte
le macchine utensili
applicable to all
machine tools | ⑤ versatile con diverse
soluzioni di bloccaggio
versatile clamping
solutions |
| ⑥ presa grezzo
3mm o 5mm
(optional)
workpiece plate
3mm o 5mm (optional) | ⑦ presa pezzo finito 24mm
finished piece clamp
plate 24mm | | | |

DOTAZIONE STANDARD

STANDARD KIT

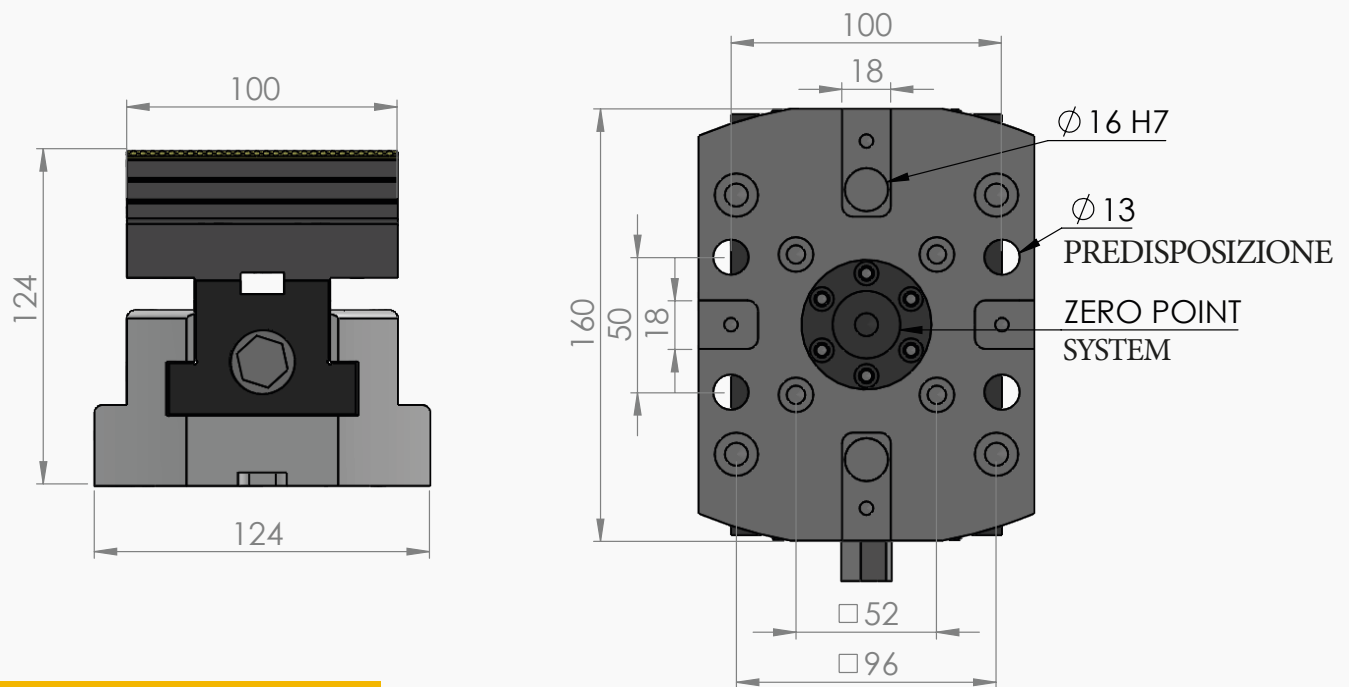
- 1 morsa mod. 160 mod. 160 vise
- 1 chiave esagonale a cricchetto hex ratched wrench
- 2 chiavette 18 h7 18 h7 wrenches
- 8 viti M8 M8 screws
- 4 viti M12 x35 M12 x35 screws
- 2 set di griffe jaw sets
- 2 coppie di settori cementati e temprati
pairs of hard top plates
(1 coppia H3 mm
1 coppia larga per presa H27 mm)
(1 pair H3 mm
1 large pair for clamp plate H27 mm)



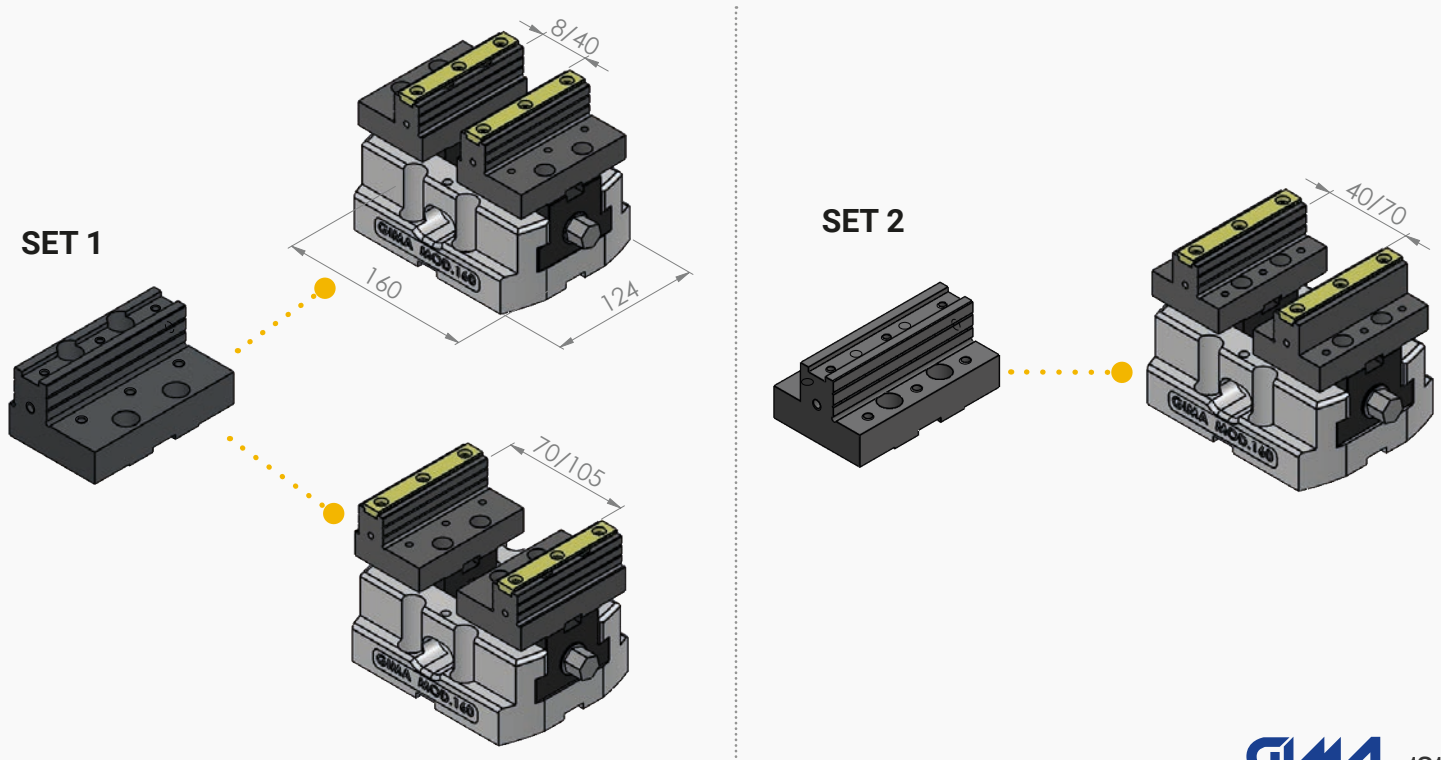
FORZA DI BLOCCAGGIO CLAMPING FORCE

Nm 120	KN 20	Kg · f 2000
Nm 160	KN 30	Kg · f 3000
Nm 200	KN 40	Kg · f 4000

DISEGNI TECNICI TECHNICAL DRAWINGS



CAMPO DI SERRAGGIO PEZZO WORKPIECE CLAMPING AREA



ACCESSORI ACCESSORIES

Mod. I60

► SET GRIFFE

► JAW SET

FIG. 1

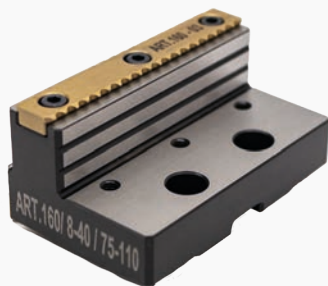


FIG. 2



ART.	Descrizione Description
160/8-40/75-110	Ganascia con settore per bloccare su pezzo grezzo (specificare il tipo di settore al momento dell'acquisto)
160/40-75	Jaw with workpiece clamp plate (please specify plate model when ordering)

► GANASCE LAVORABILI

► MACHINABLE JAWS



ART.	Descrizione Description
160-01	Ganascia lavorabile in acciaio C40 Machinable jaw made of in C40 Steel
160-01-AL	Ganascia lavorabile in Ergal Machinable jaw made of Ergal

► FERMO PEZZO

► WORKPIECE STOP



ART.	Descrizione Description
160-02	Fermo pezzo Workpiece stop

Molto altro disponibile in magazzino
More items in stock

► PIATTINE MAGNETICHE
► MAGNETIC PLATES



ART.	Descrizione Description
790-06-100-10	Piastrina magnetica Magnetic plate H=10mm
790-06-100-12	Piastrina magnetica Magnetic plate H=12mm
790-06-100-14	Piastrina magnetica Magnetic plate H=14mm
790-06-100-15	Piastrina magnetica Magnetic plate H=15mm
790-06-100-16	Piastrina magnetica Magnetic plate H=16mm
790-06-100-18	Piastrina magnetica Magnetic plate H=18mm
790-06-100-19	Piastrina magnetica Magnetic plate H=19mm
790-06-100-20	Piastrina magnetica Magnetic plate H=20mm
790-06-100-21	Piastrina magnetica Magnetic plate H=21mm

► APPOGGI
► INSERT SCREWS



ART.	Descrizione Description
2750	Appoggi insert screw M6x15
2751	Appoggi insert screw M6x20
2752	Appoggi insert screw M6x23
2753	Appoggi insert screw M6x25

► SETTORE TEMPRATO PER BLOCCARE PEZZI GREZZI
► HARD TOP PLATE TO CLAMP WORKPIECES



ART.	Descrizione Description
M160/190-04-H3	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M160/190-04-H5	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M160/190-04-L	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces

Molto altro disponibile in magazzino
More items in stock

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Mod. 190



CAMPO DI FISSAGGIO

CLAMPING AREA

- 8mm-165mm

CARATTERISTICHE

SPECIFICATIONS

- | | | | | |
|--|---|-------------------------------------|---|---|
| ① corpo in acciaio
body made of steel | ② viti e corsei nitrurati
nitrided screw and
slides | ③ design compatto
compact design | ④ applicazione su tutte
le macchine utensili
applicable to all
machine tools | ⑤ versatile con diverse
soluzioni di bloccaggio
versatile clamping
solutions |
| ⑥ presa grezzo
3mm o 5mm
(optional)
workpiece plate
3mm o 5mm (optional) | ⑦ presa pezzo finito 24mm
finished piece clamp
plate 24mm | | | |

DOTAZIONE STANDARD

STANDARD KIT

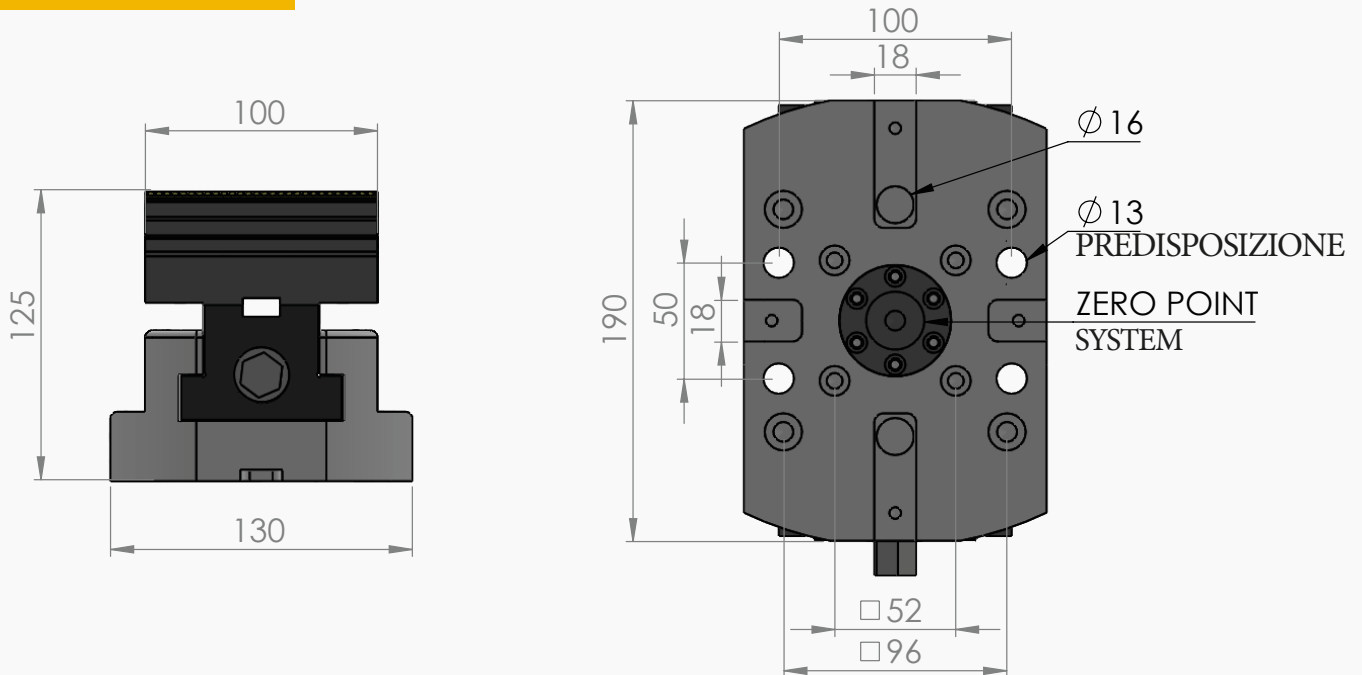
- 1 morsa mod. 190 mod. 190 vise
- 1 chiave esagonale a cricchetto hex ratched wrench
- 2 chiavette 18 h7 18 h7 wrenches
- 8 viti M8 M8 screws
- 4 viti M12 x35 M12 x35 screws
- 2 set di griffe jaw sets
- 2 coppie di settori cementati e temprati
pairs of hard top plates
(1 coppia H3 mm
1 coppia larga per presa H27 mm)
(1 pair H3 mm
1 large pair for clamp plate H27 mm)



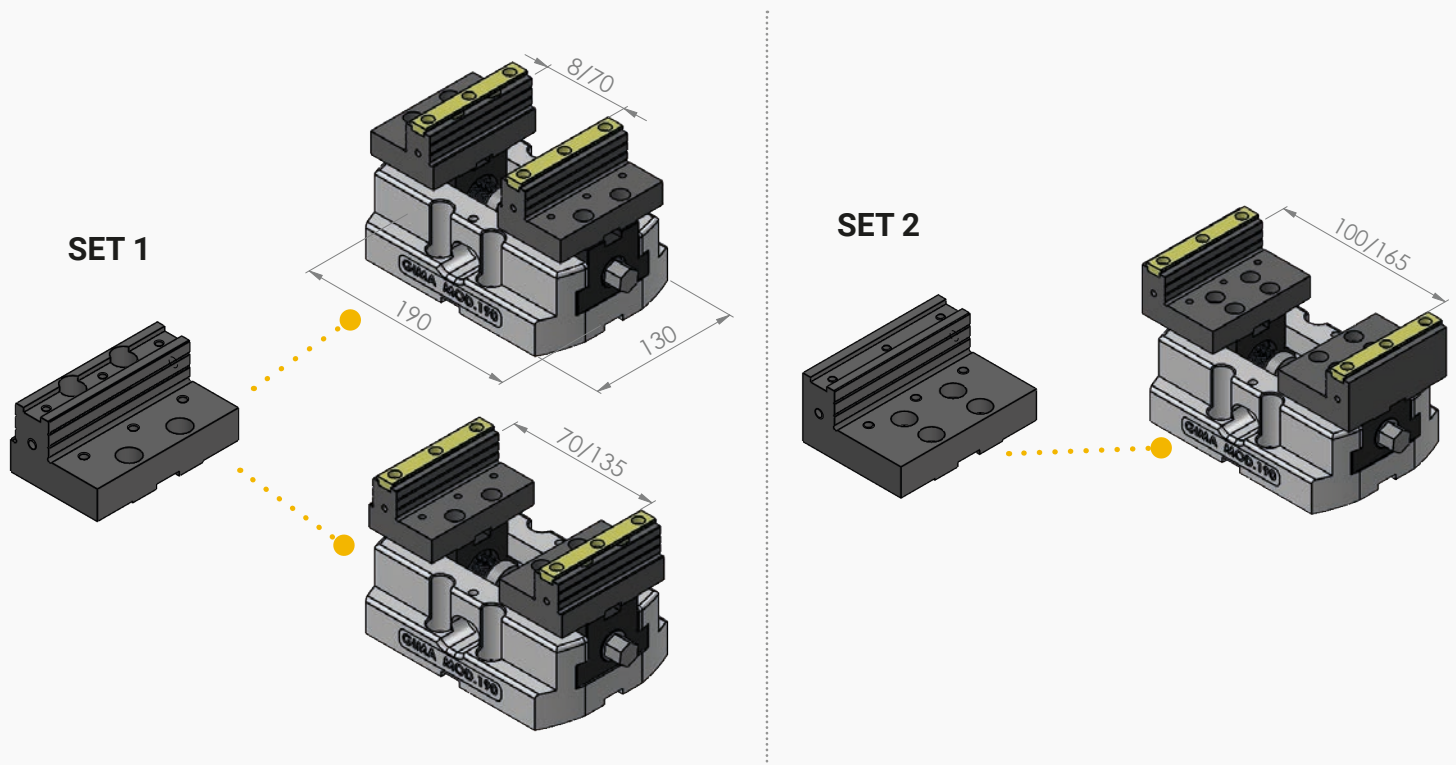
FORZA DI BLOCCAGGIO CLAMPING FORCE

Nm 120	KN 20	Kg · f 2000
Nm 160	KN 30	Kg · f 3000
Nm 200	KN 40	Kg · f 4000

DISEGNI TECNICI TECHNICAL DRAWINGS



CAMPO DI SERRAGGIO PEZZO WORKPIECE CLAMPING AREA



ACCESSORI ACCESSORIES

Mod. 190

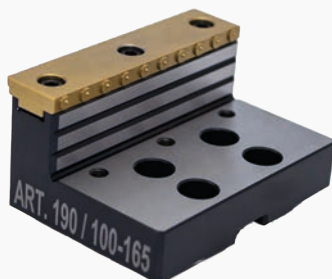
► SET GRIFFE

► JAW SET

FIG. 2



FIG. 1



ART.	Descrizione Description
190/8-70/70-135	Ganascia con settore per bloccare su pezzo grezzo (specificare il tipo di settore al momento dell'acquisto)
190/100-165	Jaw with workpiece clamp plate (please specify plate model when ordering)

► GANASCE LAVORABILI

► MACHINABLE JAWS



ART.	Descrizione Description
190-01	Ganascia lavorabile in acciaio C40 Machinable jaw made of in C40 Steel
190-01-AL	Ganascia lavorabile in Ergal Machinable jaw made of Ergal

► FERMO PEZZO

► WORKPIECE STOP



ART.	Descrizione Description
190-02	Fermo pezzo Workpiece stop

Molto altro disponibile in magazzino
More items in stock

► PIATTINE MAGNETICHE

► MAGNETIC PLATES



ART.	Descrizione Description
790-06-100-10	Piastrina magnetica Magnetic plate H=10mm
790-06-100-12	Piastrina magnetica Magnetic plate H=12mm
790-06-100-14	Piastrina magnetica Magnetic plate H=14mm
790-06-100-15	Piastrina magnetica Magnetic plate H=15mm
790-06-100-16	Piastrina magnetica Magnetic plate H=16mm
790-06-100-18	Piastrina magnetica Magnetic plate H=18mm
790-06-100-19	Piastrina magnetica Magnetic plate H=19mm
790-06-100-20	Piastrina magnetica Magnetic plate H=20mm
790-06-100-21	Piastrina magnetica Magnetic plate H=21mm

► APPOGGI

► INSERT SCREWS



ART.	Descrizione Description
2750	Appoggi insert screw M6x5
2751	Appoggi insert screw M6x10
2752	Appoggi insert screw M6x15
2753	Appoggi insert screw M6x20

► SETTORE TEMPRATO PER BLOCCARE PEZZI GREZZI

► HARD TOP PLATE TO CLAMP WORKPIECES



ART.	Descrizione Description
M160/190-04-H3	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M160/190-04-H5	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M160/190-04-L	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces

Molto altro disponibile in magazzino

More items in stock

MORSE AUTOCENTRANTI

CENTRIC CLAMPING VISES

Mod. 250



CAMPO DI FISSAGGIO

CLAMPING AREA

- 10mm-190mm

CARATTERISTICHE

SPECIFICATIONS

- | | | | | |
|---|--|-------------------------------------|---|---|
| ① corpo in acciaio
body made of steel | ② viti e corsoi nitrurati
nitrided screw and slides | ③ design compatto
compact design | ④ applicazione su tutte le macchine utensili
applicable to all machine tools | ⑤ versatile con diverse soluzioni di bloccaggio
versatile clamping solutions |
| ⑥ presa grezzo 3mm o 5mm (optional)
workpiece plate 3mm o 5mm (optional) | ⑦ presa pezzo finito 24mm
finished piece clamp plate 24mm | | | |

DOTAZIONE STANDARD

STANDARD KIT

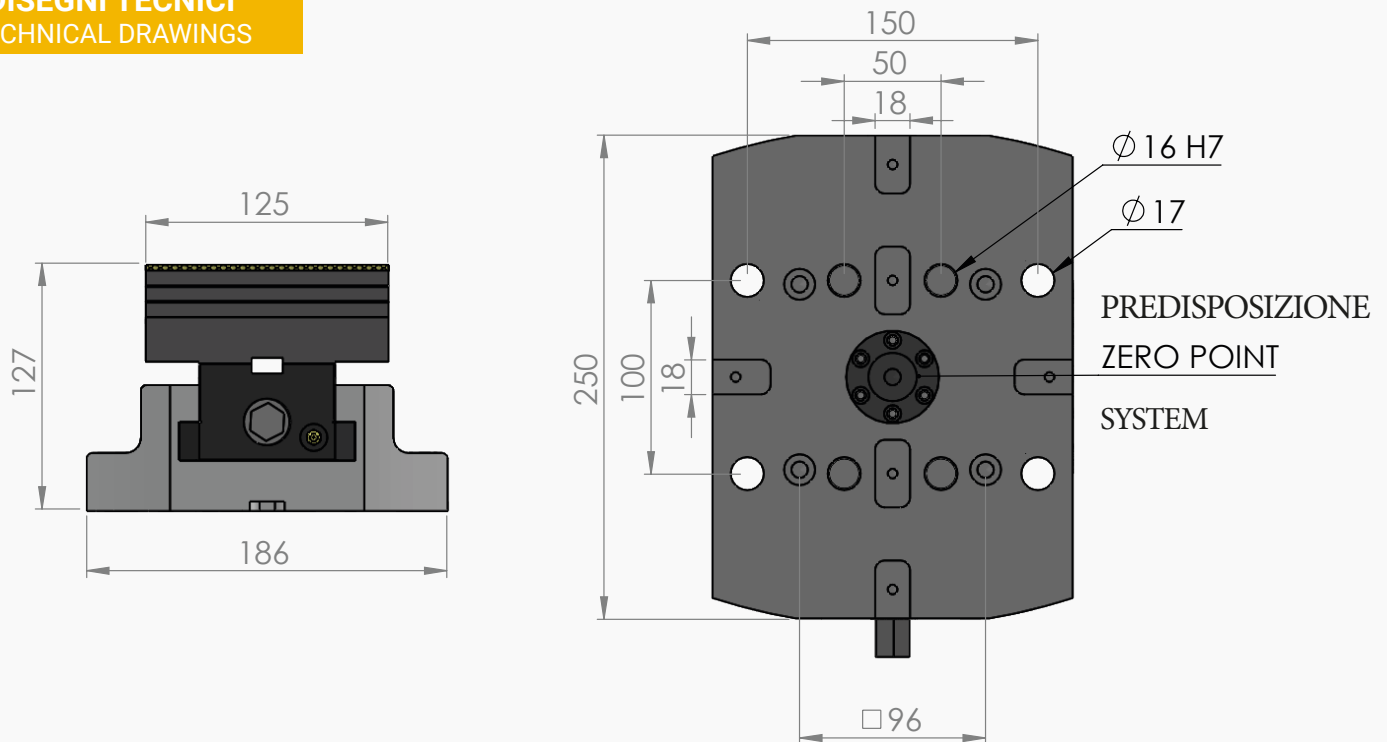
- 1 morsa mod. 250 mod. 250 vise
- 1 chiave esagonale a cricchetto hex ratched wrench
- 2 chiavette 18 h7 18 h7 wrenches
- 8 viti M10 M10 screws
- 4 viti M16 x 40 M16 x 40 screws
- 2 set di griffe jaw sets
- 2 coppie di settori cementati e temprati
pairs of hard top plates
(1 coppia H3 mm
1 coppia larga per presa H27 mm)
(1 pair H3 mm
1 large pair for clamp plate H27 mm)



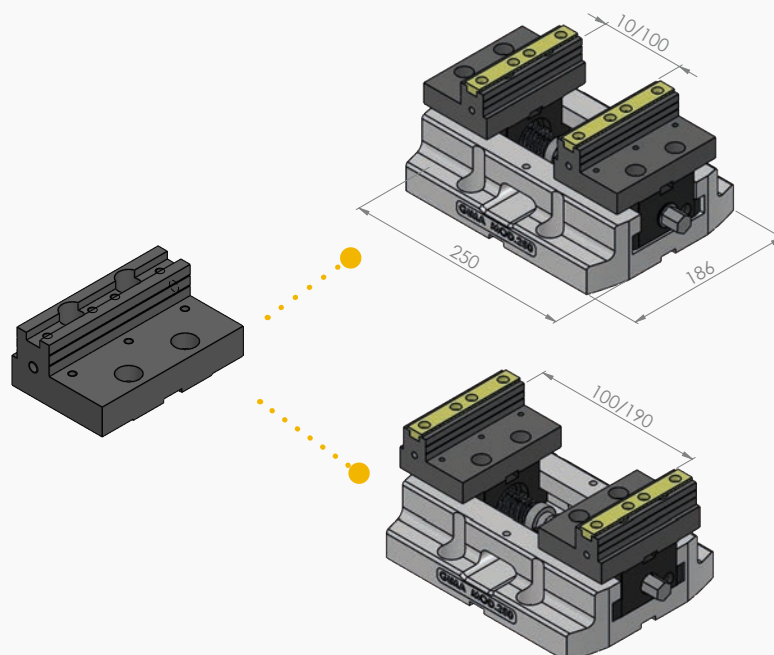
FORZA DI BLOCCAGGIO CLAMPING FORCE

Nm 120	KN 20	Kg · f 2000
Nm 160	KN 30	Kg · f 3000
Nm 200	KN 40	Kg · f 4000

DISEGNI TECNICI TECHNICAL DRAWINGS

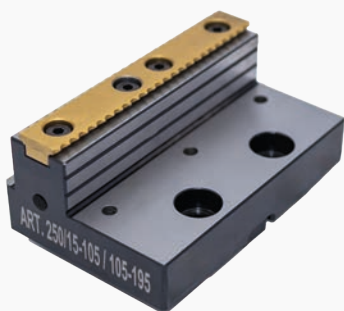


CAMPO DI SERRAGGIO PEZZO WORKPIECE CLAMPING AREA



► SET GRIFFE

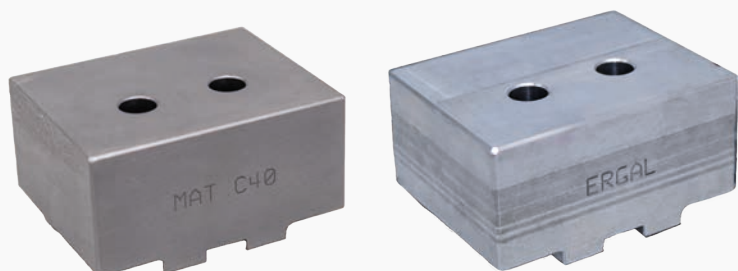
► JAW SET



ART.	Descrizione Description
250/10-100/100-190	Ganascia con settore per bloccare su pezzo grezzo (specificare il tipo di settore al momento dell'acquisto) Jaw with workpiece clamp plate (please specify plate model when ordering)

► GANASCE LAVORABILI

► MACHINABLE JAWS



ART.	Descrizione Description
250-01	Ganascia lavorabile in acciaio C40 Machinable jaw made of in C40 Steel
250-01-AL	Ganascia lavorabile in Ergal Machinable jaw made of Ergal

► FERMO PEZZO

► WORKPIECE STOP



ART.	Descrizione Description
250-02	Fermo pezzo Workpiece stop

Molto altro disponibile in magazzino
More items in stock

► PIATTINE MAGNETICHE

► MAGNETIC PLATES



ART.	Descrizione Description
790-06-100-10	Piastrina magnetica Magnetic plate H=10mm
790-06-100-12	Piastrina magnetica Magnetic plate H=12mm
790-06-100-14	Piastrina magnetica Magnetic plate H=14mm
790-06-100-15	Piastrina magnetica Magnetic plate H=15mm
790-06-100-16	Piastrina magnetica Magnetic plate H=16mm
790-06-100-18	Piastrina magnetica Magnetic plate H=18mm
790-06-100-19	Piastrina magnetica Magnetic plate H=19mm
790-06-100-20	Piastrina magnetica Magnetic plate H=20mm
790-06-100-21	Piastrina magnetica Magnetic plate H=21mm

► APPOGGI

► INSERT SCREWS



ART.	Descrizione Description
2750	Appoggi insert screw M6x5
2751	Appoggi insert screw M6x10
2752	Appoggi insert screw M6x15
2753	Appoggi insert screw M6x20

► SETTORE TEMPRATO PER BLOCCARE PEZZI GREZZI

► HARD TOP PLATE TO CLAMP WORKPIECES

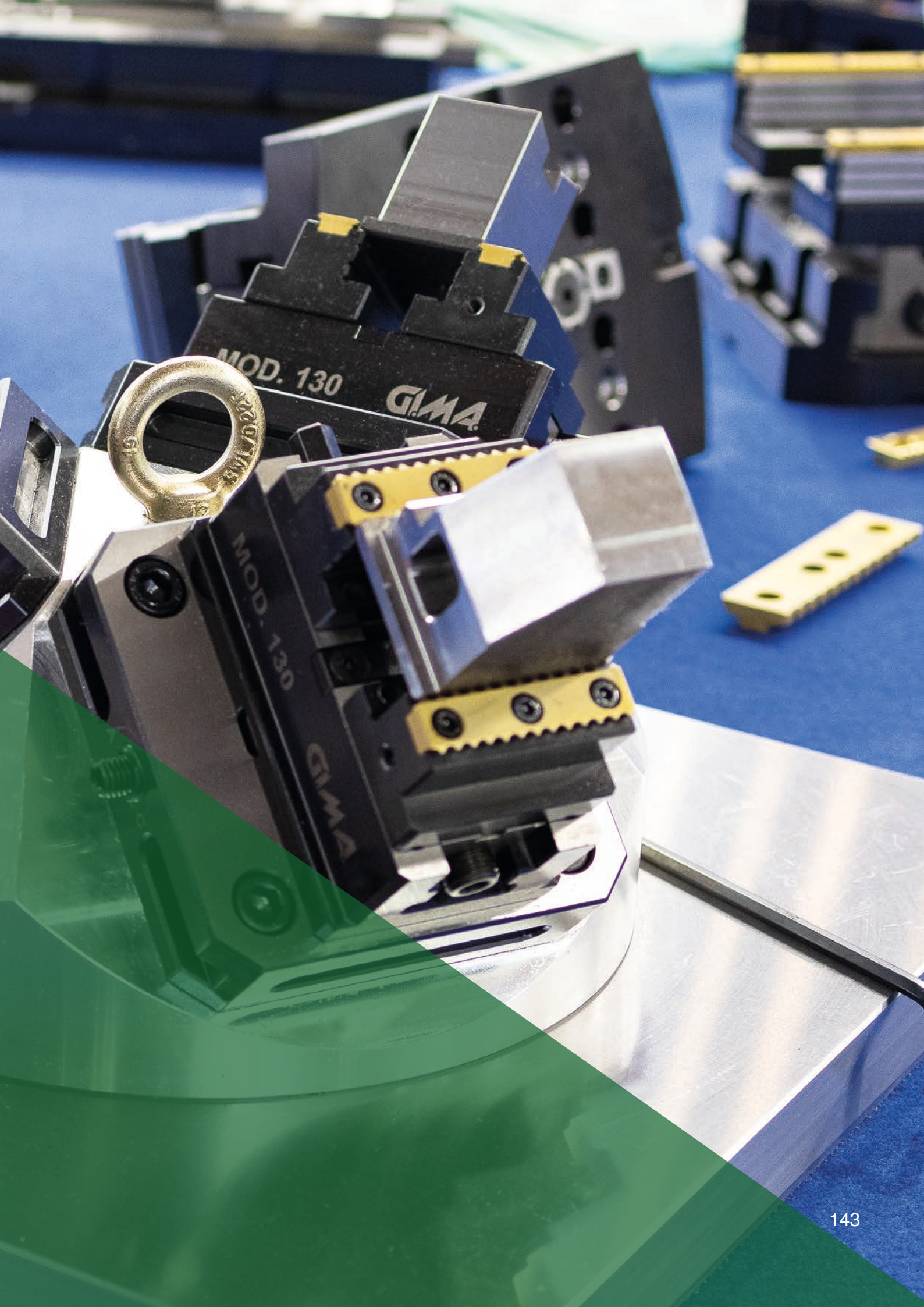


ART.	Descrizione Description
M250-04-H3	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M250-04-H5	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces
M250-04-L	Settore temprato per bloccare sul grezzo Hard top plate to clamp workpieces

Molto altro disponibile in magazzino
More items in stock



PUNTI ZERO MECCANICI MECHANICAL ZERO POINT SYSTEM



Punti zero meccanici

Mechanical zero point system

Caratteristiche tecniche

Technical specifications



► SPECIFICHE TECNICHE

► TECHNICAL SPECIFICATIONS

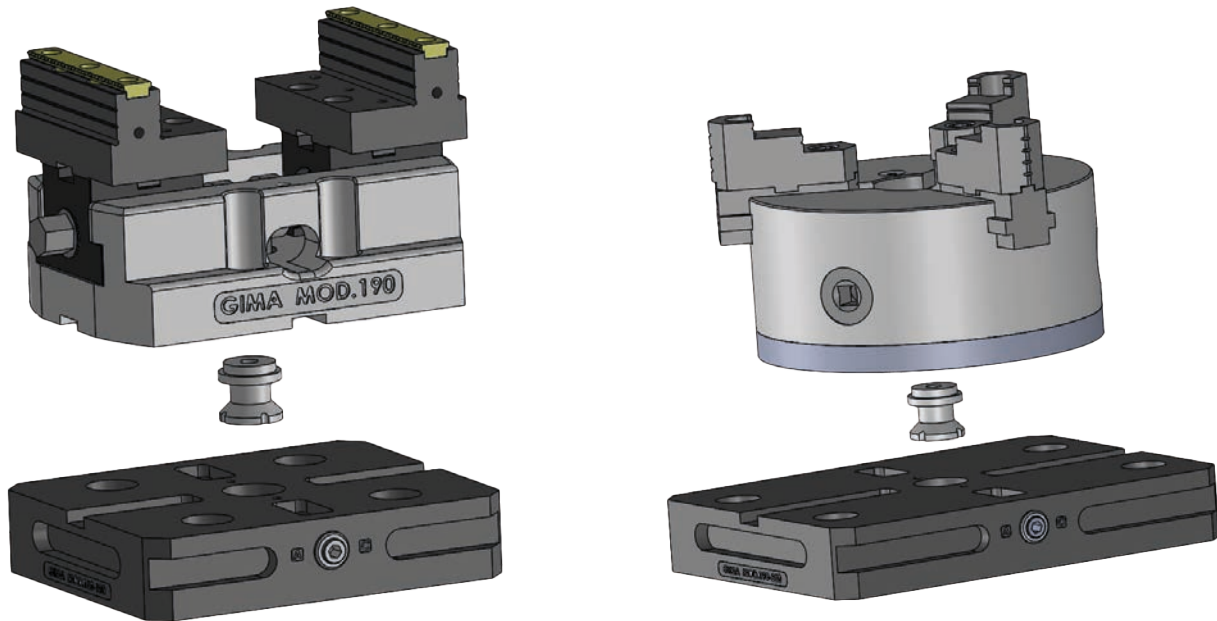
Facilità di sostituzione attrezzature quali morse autocentranti e maschere dedicate in pochissimo tempo mantenendo un'ottima reperibilità	Easy and fast replacement of self-centering vises and customized jigs, ready availability
Bloccaggio elevato per garantire un'ottima tenuta del pezzo	High clamping force to hold the workpiece in place
Costruite con acciai legati e sottoposte a trattamenti specifici per mantenere intatta la superficie di contatto il più a lungo possibile	Made of alloyed steel and treated specifically to preserve the integrity and longevity of the contact surface
3 tipologie di dimensioni	3 different sizes
Compatibilità con retticoli 100 ± 0.02 o con tavola cave a T	Compatible with 100 ± 0.02 grids or T-slot plate
Possibilità di adattare il sistema punto 0 anche in attrezzature dedicate	The zero-point system can be adapted to customized machine tools

► FACILITÀ DI SOSTITUZIONE ATTREZZATURE

Mediante codulo d'interfaccia è possibile sostituire in brevissimo tempo attrezzature quali morse, autocentranti e maschere dedicate.

► EASY REPLACEMENT

Very quick replacement of vises, self-centering chucks and customized jigs through a stud.



► BLOCCAGGIO ELEVATO

L'alta forza di serraggio permette di lavorare i pezzi anche a distanze ragguardevoli

► HIGH CLAMPING FORCE

High clamping force ensures machining of workpieces even at a considerable distance.



Punti zero meccanici

Mechanical zero point system

Caratteristiche tecniche
Technical specifications

- **3 TIPOLOGIE DI DIMENSIONI**
- **3 DIFFERENT SIZES**

MOD.130-160S



MOD.160-190



MOD.190-250



- **COMPATIBILITÀ CON**
RETICOLI 50 ± 0,02
TAVOLA cave a T
- **COMPATIBLE WITH**
50 ± 0,02 GRIDS
T-slot PLATE



—• Cave a T
T-slots



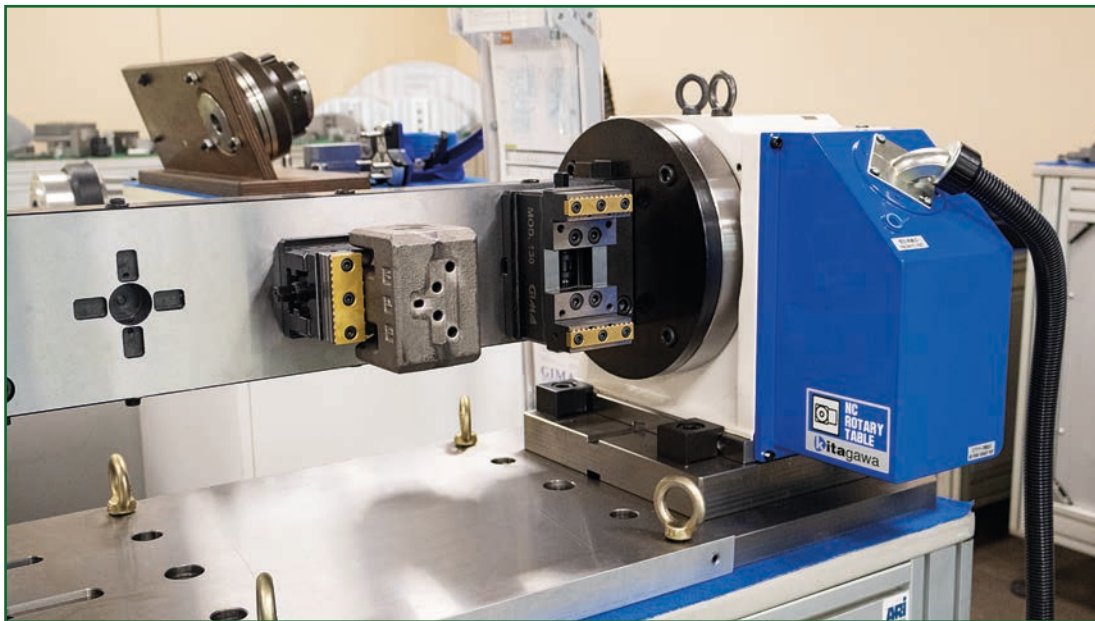
—• Reticoli 50 ± 0,02
50 ± 0,02 grids

► ADATTAMENTO PUNTO 0

possibilità di adattare il sistema punto 0
anche in attrezzature dedicate

► ZERO POINT SYSTEM ADAPTABILITY

The Zero Point clamping system can be adapted
to customized machine tools



- Inserimento del bloccaggio punto 0 all'interno di una piastra
Setting of a Zero Point system into a plate

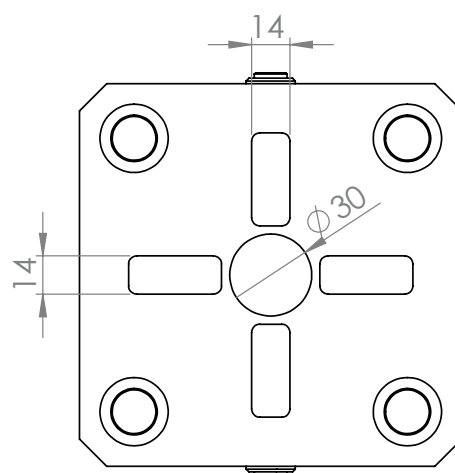
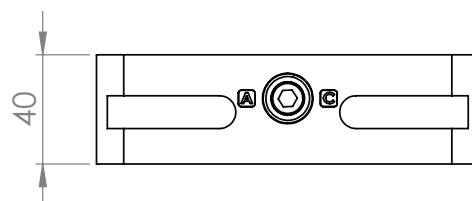
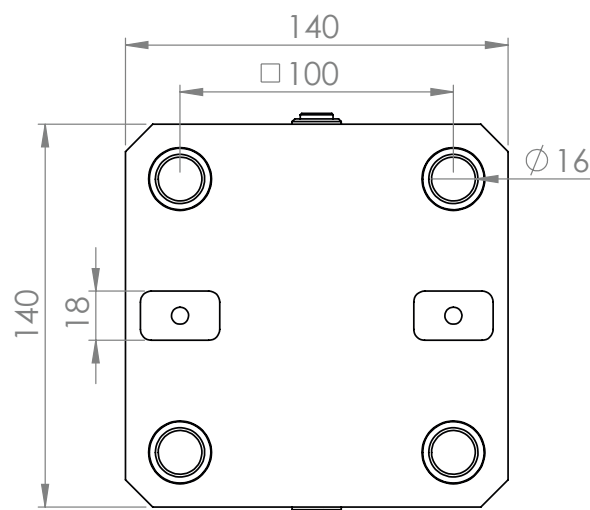
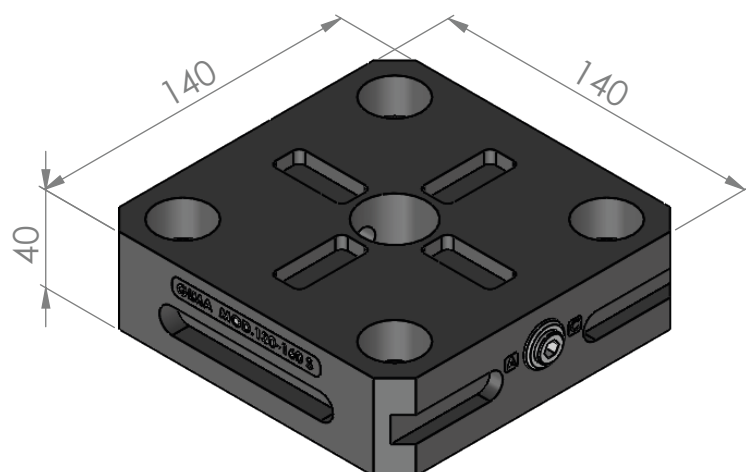
Punti zero meccanici

Mechanical zero point system

mod. I30-I60S

DISEGNI TECNICI

TECHNICAL DRAWINGS



► ACCESSORI

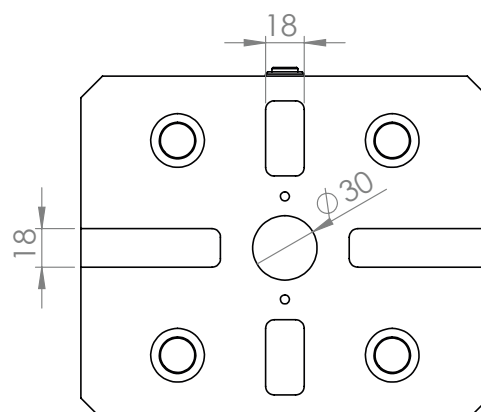
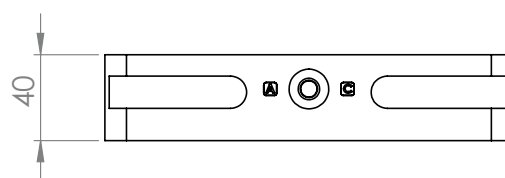
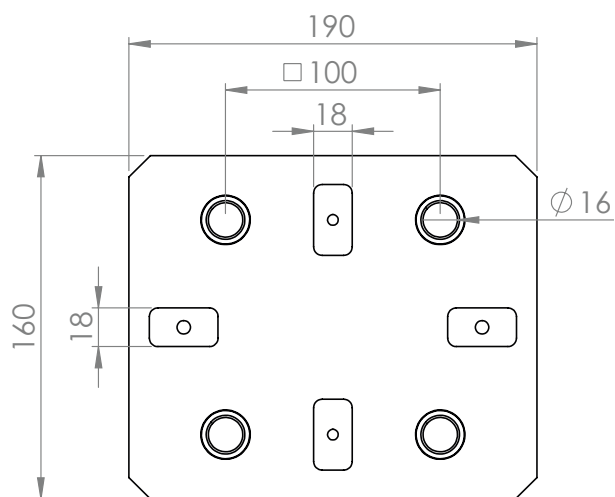
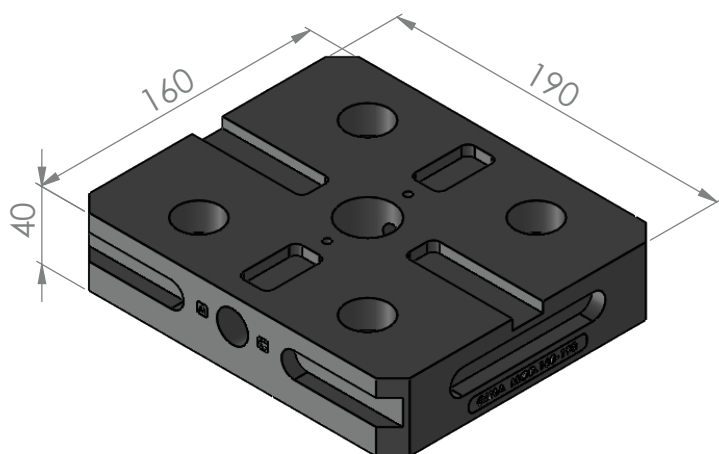
► ACCESSORIES



—●— Codulo
Stud

mod. 160-190

DISEGNI TECNICI
TECHNICAL DRAWINGS



► **ACCESSORI**
► **ACCESSORIES**



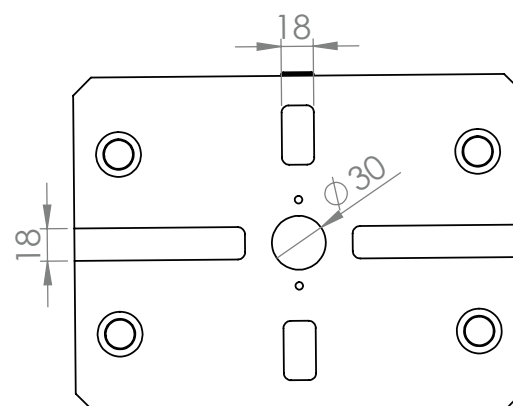
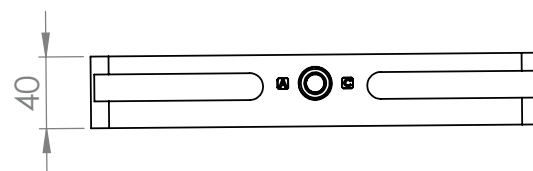
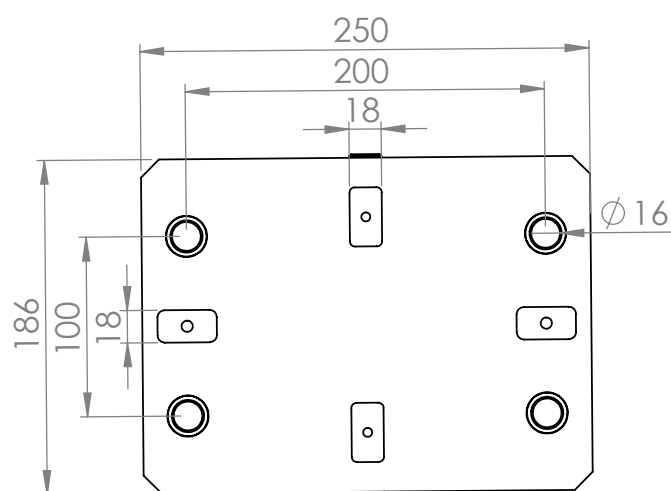
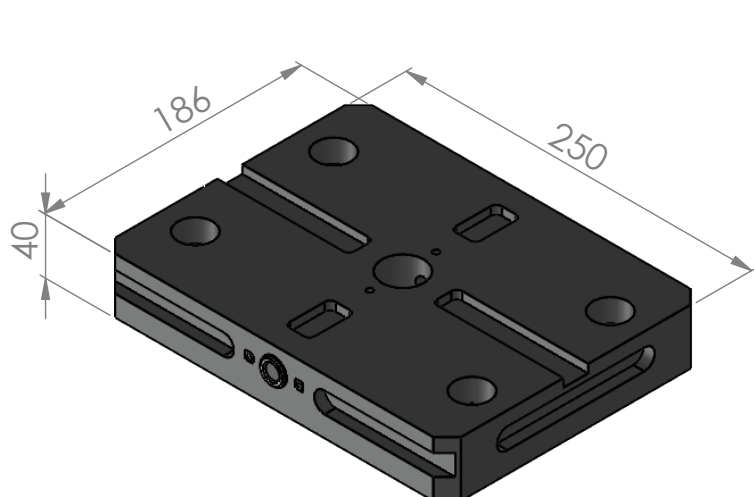
—●— Codulo
Stud

Punti zero meccanici

Mechanical zero point system

mod. 190-250

DISEGNI TECNICI TECHNICAL DRAWINGS



► ACCESSORI ► ACCESSORIES



—●— Codulo
Stud

ESEMPI DI APPLICAZIONE CLAMPING EXAMPLES

morse su punti zero Vises clamped in the Zero Point System



— punto zero su morsa 130
Zero point system on mod.130 vise



— punto zero su morsa 160-S
Zero point system on mod.160-S vise



— punto zero su morsa 160
Zero point system on mod.160 vise



— punto zero su morsa 190
Zero point system on mod.190 vise



— punto zero su morsa 190
Zero point system on mod.190 vise



— punto zero su morsa 250
Zero point system on mod.250 vise



SISTEMA DI FISSAGGIO A CATENA CHAIN CLAMPING SYSTEM



Fissaggio a catena

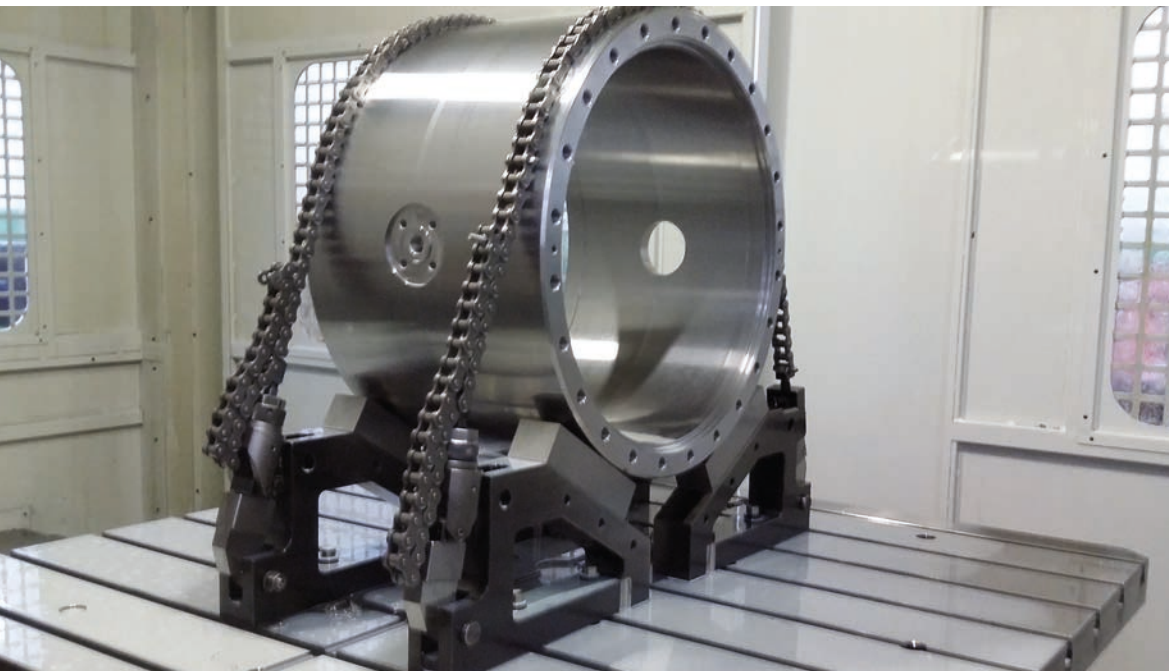
Chain clamp

► SISTEMA DI FISSAGGIO A CATENA

per bloccare particolari di grosse dimensioni e forme regolari

► CHAIN CLAMPING SYSTEM

Ideal to secure large-sized and regular-shaped workpieces firmly in place



VANTAGGI BENEFITS

- Riduzione del tempo di bloccaggio
- Altissima forza di serraggio
- Distribuzione della forza su tutta la superficie di contatto
- Facilità di applicazione a pezzi irregolari
- Eliminazione degli ingombri in fase di lavorazione
- Reduction of clamping time
- Very high clamping force
- Clamping force distributed across the workpiece
- Easy tool to clamp irregularly shaped workpieces
- Elimination of clutter when machining

FUNZIONAMENTO USE

- **Lunghezza della catena:** può essere adattata alla dimensione del pezzo utilizzando una falsa maglia o un giunto per allungarla, oppure un cacciapina per accorciarla.
- **Pre-regolazione e tensionamento della catena:** si effettuano tramite una ghiera zigrinata situata al centro del tendi catena.
- **Bloccaggio del pezzo:** avviene con la chiave in dotazione, agendo sul dado esagonale posizionato nella parte superiore del gancio tirante.
- **Length of the chain:** varies according to the size of the piece. Use a false chain link or a joint to make the chain longer or a pin punch to make it shorter.
- **Presetting and tensioning:** use a knurled nut located in the middle of the chain tensioner to preset and tension the chain.
- **Clamping:** use the supplied wrench, by pressing the hex nut located on the top of the clamping stud to clamp the chain.

CARATTERISTICHE TECNICHE TECHNICAL SPECIFICATIONS	
Forza di serraggio Clamping force	M16 Kn 40
	M20 Kn 60
Coppia di serraggio Clamping torque	M16 (Nm) 100
	M20 (Nm) 160

► **ART. 5016 Coppia di fissaggio "M16"**

► ART. 5016 Clamping torque for "M16"

Composto da:
Complete with:

- Tendi catena
Chain tensioner
- Gancio tirante
Clamping stud
- Tasselli a "T"
T-nuts
- Viti per catena da 1"
Screws for 1" chain
- Chiave da 46mm
46mm wrench



GANCIO TIRANTE
CLAMPING STUD



TENDICATENA
CHAIN TENSIONER



CHIAVE DA 46MM
46MM WRENCH

► **ART. 5020 Coppia di fissaggio "M20"**

► ART. 5020 Clamping torque for "M20"

Composto da:
Complete with:

- Tendi catena
Chain tensioner
- Gancio tirante
Clamping stud
- Tasselli a "T"
T-nuts
- Viti per catena da 1" 1/4
Screws for 1" 1/4 chain
- Chiave da 46mm
46mm wrench



GANCIO TIRANTE
CLAMPING STUD



TENDICATENA
CHAIN TENSIONER



CHIAVE DA 46MM
46MM WRENCH

Fissaggio a catena

Chain clamp

accessori
accessories

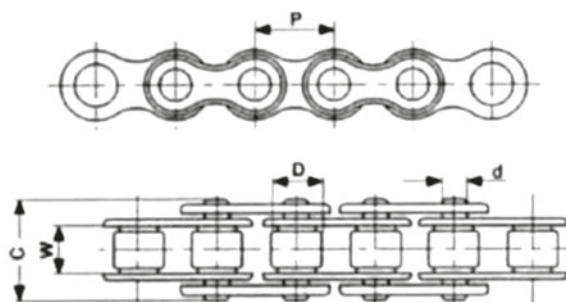
► CATENA A RULLI

serie Europea prodotta da azienda certificata
ISO 9001:2000

► ROLLER CHAIN

Made in Europe by an ISO 9001:2000 certified
manufacturer

Confezioni da 5mt
5mt roll



Art.	COD ISO CODE	Catena dim. Size of chain	P mm	W mm	D mm	d mm	C	PESO WEIGHT Xm	CARICO DI ROTTURA TENSILE STRENGTH
5016/B1	16B1	1"	25,4	17,02	15,88	8,28	36,10	2,71	72800
5020/B1	20B1	1" 1/4	31,75	19,56	19,05	10,9	41,30	3,70	106700

- **ACCESSORI NECESSARI PER ALLUNGARE LA CATENA**
- **CHAIN EXTENDERS**

FALSA MAGLIA FALSE LINK



Art.	Catena dim. Chain size
5016/B2	1"
5020/B2	1" 1/4

GIUNTO JOINT



Art.	Catena dim. Chain size
5016/B3	1"
5020/B3	1" 1/4



TAP REMOVER

BROKEN TAP AND DRILL REMOVER



Tap Remover

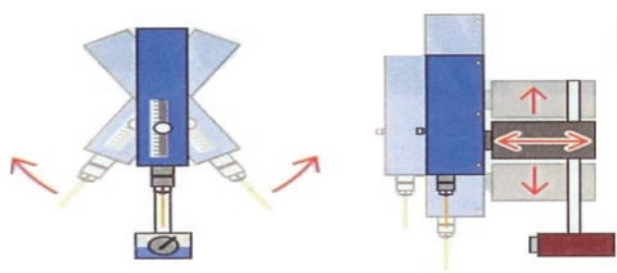
Broken tap and drill remover

► TAP REMOVER

Disintegratore di maschi e punte

Broken tap and drill remover

- Rimuove maschi di ogni misura (da M3 a M20 circa).
Removes taps of all sizes (from M3 to approx. M20)
- Appropriato per qualsiasi tipo di materiale conduttivo (alluminio, ottone, rame, ferro, acciaio e acciaio speciale). Suitable for any type of conductive material (aluminum, brass, copper, iron, steel and special steel)
- Automaticamente raggiunge la profondità impostata emettendo un suono a lavoro ultimato. Emits a beep sound when it reaches the set depth.
- Se durante la discesa si avverte una certa resistenza, ha un sistema di allarme che blocca la rimozione del maschio. If resistance is felt while pulling down, an alarm system will stop the removal of the tap.
- Temporizzatore che ferma automaticamente l'operazione quando avverte una piccola resistenza della durata di 3, 7 o 10 secondi. If a resistance lasting 3, 7 or 10 seconds is felt, timer stops machining automatically.
- Rotazione della testa dell'estrattore (FIG.1). Extractor head rotation (FIG.1).



- Imbattibile per rimuovere maschi e punte
Unrivaled in removing taps and drills
- Doppia velocità rispetto ai modelli precedenti
Twice as fast as previous models
- Unità di alimentazione elettrica computerizzata con pannello digitale
Computerized power supply unit with digital panel.



Fonte elettrica AC 170÷240 V.

Input voltage AC 170÷240 V.

Utilizza normale acqua del rubinetto o simili (acqua emulsionabile ecc)

Uses ordinary tap water or similar dielectric fluids (emulsifiable water etc.)

Si usano barre di ottone come elettrodo

Uses brass rods as electrodes.

Si adatta facilmente anche su grandi pezzi

Allows machining even on large workpieces

Rimuove il maschio senza danneggiare il filetto

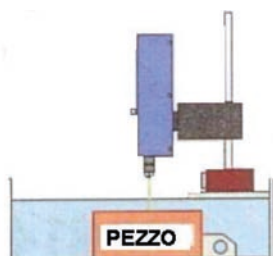
Removes taps without damaging the thread.

Pezzo piccolo

immergere il pezzo in un serbatoio

Small workpiece

submerge workpiece in a work tank

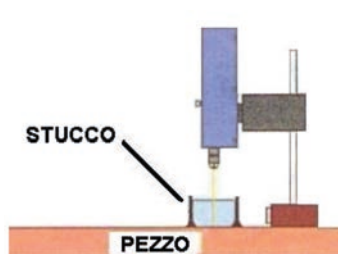


Pezzo grande

creare una piscina intorno al pezzo

Large workpiece

build a pool on the workpiece surface

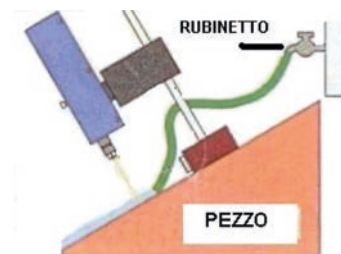


Lavorazione obliqua

fornire un flusso d'acqua durante la lavorazione

Non-vertical machining

supply a flow water while machining



VELOCITÀ DI ESECUZIONE PROCESSING SPEED

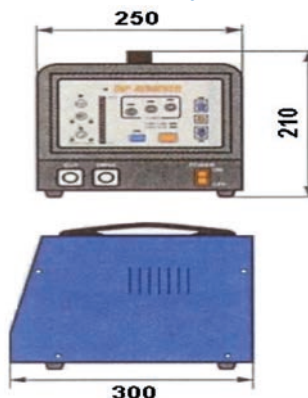
MISURA SIZE	PROFONDITÀ DEPTH	TEMPO TIME	Ø ELETTRODO ELECTRODE
M6	to 10	5 min	Ø 3
M10	to 10	5 min	Ø 5

DIMENSIONI E SPECIFICHE TECNICHE DIMENSIONS AND TECHNICAL SPECIFICATIONS

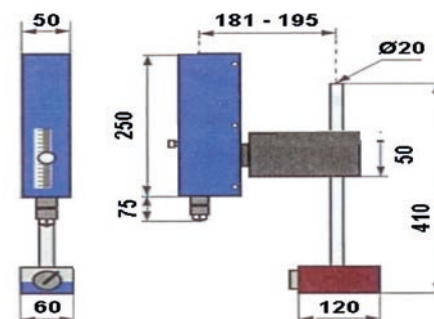
ALIMENTATORE POWER SUPPLY UNIT

PESO WEIGHT	10 Kg
MISURE DIMENSIONS	250x210x300

Alimentatore Power supply unit



Estrattore Extrator



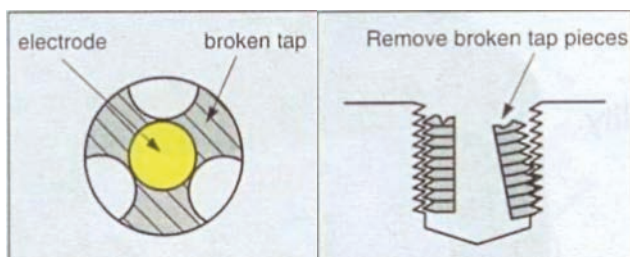
ESTRATTORE EXTRACTOR

PESO WEIGHT	6 Kg
MISURE DIMENSIONS	50x70x350
CORSA ASSE Z Z AXIS STROKE	100 mm
POSSESSORE ELETTRODO ELECTRODE HOLDER	MAX Ø 6.5

RIMOZIONE DEL MASCHIO TAP REMOVAL

Per rimuovere il maschio rotto, bucare al centro usando un elettrodo della metà del maschio, poi rimuovere il maschio a pezzetti lasciando intatto il filetto.

To remove the broken tap, drill a hole in its center with an electrode half the size of the tap, then remove the broken tap pieces without damaging the thread.



APPARECCHIATURA in dotazione BROKEN TAP AND DRILL REMOVER

STANDARD KIT

- Unità di alimentazione elettrica
- Estrattore
- Magnet standard
- Stucco speciale
- Elettrodo (ottone)
- 2 barre di Ottone per ogni misura (Ø 1.0, Ø 1.5, Ø 2.0, Ø 2.5, Ø 3.0)
- 1 barra di Ottone per ogni misura (Ø 4.0, Ø 5.0, Ø 6.0)
- Power supply unit
- Extrator
- Standard magnets
- Special putty
- Brass electrode
- N. 2 brass bars for each size (Ø 1.0, Ø 1.5, Ø 2.0, Ø 2.5, Ø 3.0)
- N. 1 brass bar for each size (Ø 4.0, Ø 5.0, Ø 6.0)

NOTE NOTES

[illegible]





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