

Soluciones de Amarre Clamping Solutions



Platos, accesorios, útiles, mordazas y herramientas
Chucks, accessories, jigs, fixtures, clamps and tools



GAMOR

CONDICIONES GENERALES DE VENTA

- 1. Precios:** Netos (válidos salvo error tipográfico). No incluyen IVA ni cualquier otro impuesto, derecho o tasa.
- 2. Portes:** Debidos. Transporte y seguro no incluidos en los precios.
- 3. Pago:** En caso de pago aplazado, dicho pago deberá realizarse de acuerdo a lo previsto en la Ley 15/2010, de 5 de Julio de 2010. Giros bancarios deberán de estar domiciliados previamente a su emisión. Contado y/o reposición, máximo 15 días con el 2% P.p. Nuevos clientes, transferencia previa a la entrega del material con el 2%. P.p.
- 4. Devoluciones:** Deberán realizarse en un plazo máximo de 15 días de la entrega del material y a portes pagados, previo acuerdo con el Vendedor. Si la causa de la devolución es un error y/o defecto de fábrica se remitirán a portes debidos por el transporte que le indiquemos.
- 5. Jurisdicción competente:** El comprador se somete expresamente a la Competencia de los Tribunales de San Sebastián, renunciando a su jurisdicción y/o fuero. Todos nuestros productos se consideran siempre bajo reserva de dominio; hasta que no se haya efectuado íntegramente el pago.
- 6. Garantía:** Los productos GAMOR están garantizados contra cualquier defecto de fabricación o de manipulación en nuestro montaje, deponiéndose sin ningún tipo de gasto, si no reúne las condiciones ofertadas.

GAMOR SE RESERVA EL DERECHO DE MODIFICAR SIN PREVIO AVISO AQUELLAS COTAS QUE NO PERJUDIQUEN EL NORMAL FUNCIONAMIENTO DE LAS GARRAS POR MOTIVO DE PRODUCCIÓN.

TERMS OF SALE

- 1. Prices:** Net (valid except for typos). They do not include VAT or any other tax, duty or fee that will be passed later in the invoice with the corresponding rates.
- 2. Freight cost:** Due. Cost for insurance and freight not included in the prices.
- 3. Payment:** In case of delayed payment, such payment shall be in accordance with the provisions of Law 15/2010 of 5 July 2010. Money orders must be domiciled prior to their issuance. Cash and / or replacement within 15 days with 2% prompt payment discount, for new customers the payment term is pre-delivery transfer of the material with 2% prompt payment discount.
- 4. Returns:** Must be made within 15 days of delivery of the material and postage prepaid, in agreement with the Seller. If the cause of the return is an error and / or manufacturing defect will be forwarded postage due for the transportation that we indicate.
- 5. Competent jurisdiction:** The buyer expressly submit to the Jurisdiction of the Courts of San Sebastian, waiving its jurisdiction and / or jurisdiction. All our products are always considered under retention of title, until the full payment is received.
- 6. Warranty:** GAMOR products are guaranteed against any manufacturing defect or manipulation in our assembly, dethroning without any expense, unless they fulfill the conditions offered.

GAMOR RESERVES THE RIGHT TO MODIFY FOR MANUFACTURING REASONS WITHOUT PREVIOUS NOTICE THE DIMENSIONS THAT DO NOT ADVERSELY AFFECT THE NORMAL OPERATION OF THE JAW.

Talleres Gamor, S.L. - Reservados todos los derechos.
Prohibida la reproducción total o parcial de todos los elementos contenidos en este catálogo.



GAMOR, a través de la experiencia conseguida a lo largo de más de 45 años dedicados a la fabricación de garras blandas y duras especiales, se honra en presentar a ustedes este nuevo CATALOGO GENERAL de garras.

La experiencia conseguida a lo largo de estos años en la fabricación y diseño nos permite ofrecer una gran variedad de modelos en garras blandas, duras y especiales, deseando además que sirva de ayuda para la identificación de cualquier tipo de garra, utilizando en cada momento el modelo de garra mas adecuado para el amarre de las piezas en el proceso de mecanizado.

Deseamos que el fin de éste catálogo sea del agrado de todos nuestro clientes y así poder seguir contando con la confianza que han depositado en nosotros.

GAMOR, through experience gained over more than 45 years dedicated to the manufacture of special, soft, and hard jaws, is honored to present to you this new GENERAL CATALOGUE of chuck jaws.

The experience gained over the years in manufacturing and design enables us to offer a wide variety of models in soft, hard and special jaws, hoping that it will help to identify any kind of jaws, using at each time the model most suitable for the mooring of the parts in the machining process.

We hope that the end this catalog will please all our customers so we can continue to enjoy the confidence placed in us.



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01.

Garras blandas

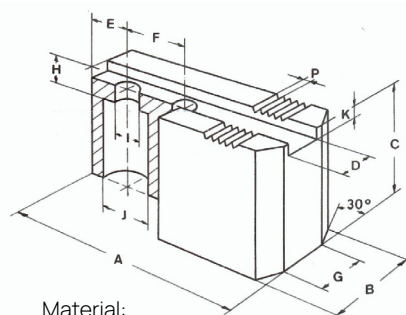
Soft Jaws

Garras blandas adaptables a plato
Neumáticos - Hidráulicos

Soft Jaws adaptable to
Pneumatic and Power Chucks

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



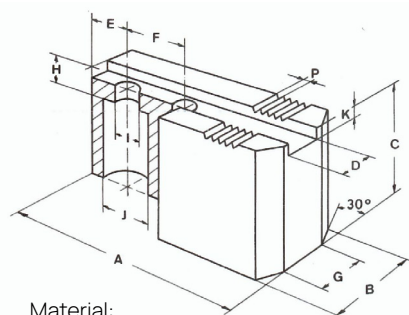
Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GALVEZ - HIDRAM		P= 1/16 90o	
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
17-GB11	53	30	40	12	16	-	-	1/16" 90o 1,25	GB 11	108 x 2	28,32
17-GB12	46	30	40	12	16	-	3		GB12	108 x 3	42,33
17-GB14	65	30	40	11	10	15	5	1/16" 90o 1,25	GB 14	130 - 140	42,47
17-GA14			65						GA 14		55,24
17-GB16	75	38	48	17	14	19,5	12	1/16" 90o	GB 16	160 - 200	54,47
17-GI16			62						GI16		61,93
17-GA16			75						GA 16		72,56
17-GB17	75	32	45	12	12,5	25	8	1/16" 90o 1,25	GB 17	170	46,15
17-GA17			75						GA 17		63,66
17-GB20	100	38	48	14	14	39	10	1/16" 90o	GB 20	200 - 240	60,27
17-GI20			75						GI 20		99,51
17-GA20			98						GA 20		112,52
17-GB21	90	38	48	17	14	19,5	5	1/16" 90o	GB 21	200 - 210	59,01
17-GI21			62						GI 21		68,85
17-GA21			75						GA 21		77,96
17-GA21C87			87						GA 21 C=87		104,62
17-GA21C97			97						GA 21 C=97		116,61
17-GA21C117			117						GA 21 C=117		179,98
17-GA21C150			150						GA 21 C=150		199,00
17-GA21C180			180						GA 21 C=180		247,64
17-GB25	110	45	55	21	20	26	16	1/16" 90o	GB 25	250 - 315 400	70,53
17-GI25-1			78						GI 25-1		95,73
17-GI25-2			95						GI 25-2		120,94
17-GA25			107						GA 25		155,86
17-GA25C125			125						GA 25 C=125		190,53
17-GA25C148			148						GA 25 C=148		228,62
17-GA25C170			170						GA 25 C=170		268,29
17-GA25C200			200						GA 25 C=200		315,70
17-GB26	100	45	55	21	20	26	-	1/16" 90o	GB 26	200 - 250 AS 2 GARRAS	50,27
17-GI26-1			78						GI 26-1		63,80
17-GI26-2			95						GI 26-2		80,64
17-GA26			107						GA 26		103,91
17-GB30	130	45	67	20	25	45	16	1/16" 90o 2,5 75o	GB 30	300 -340 400	94,15
17-GI30			97						GI 30		131,76
17-GA30			127						GA 30		205,02
17-GB50C60	145	60	60	25	30	32	-	3/32" 90o	GB 50 C=60	400- 500 630 - 800	145,70
17-GB50			88						GB 50		164,93
17-GI50			115						GI 50		198,41
17-GA50			145						GA 50		245,62
17-GA50C180			180						GA 50 C=180		363,67
17-GA50C200			200						GA 50 C=200		403,95

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

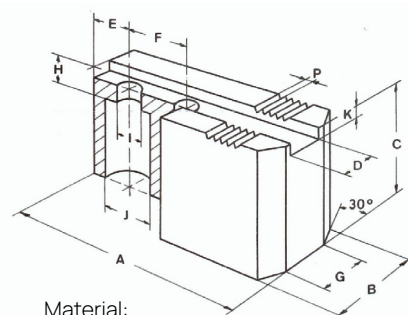


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GALVEZ - HIDRAM		P= 1/16 90o	
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
18-GB-4	55	25	25	10	12	14	3	1,5 60o	GB - 4"	110 NE - NHF	50,33
18-GI-4			30						GI - 4"		54,53
18-GII-4			35						GII - 4"		59,62
18-CA-4			40						GA - 4"		64,49
18-GB-5	63	25	30	10	10	14	2	1,5 60o	GB - 5"	130 NE - NHF	56,75
18-GI-5			40						GI - 5"		67,14
18-CA-5			50						GA - 5"		77,48
18-GB-6	72	32	40	12	15	20	8	1,5 60o	GB - 6"	170 NE - NHF	53,70
18-GI-6			55						GI - 6"		67,98
18-CA-6			65						GA - 6"		77,56
18-GB-8	95	38	48	14	24	25	12	1,5 60o	GB - 8"	210 NE - NHF	62,71
18-GI-8			62						GI - 8"		81,14
18-CA-8			75						GA - 8"		89,53
18-GB-10	110	38	47	16	30	30	15	1,5 60o	GB - 10"	250 NE - NHF	66,01
18-GI-10			62						GI - 10"		85,53
18-GA-10			75						GA - 10"		97,04
18-GB-10	110	40	50	17	25	25	12	1/16" 90o	GB - 10" 1/16"	250 - NE 250 - NHF 270 - NHF	66,01
18-GI-10			60						GI - 10" 1/16"		85,53
18-GA-10			70						GA - 10" 1/16"		97,04
18-GB12	130	45	55	18	39	30	18	1,5 60o	GB - 12"	315 NHF	83,75
18-GI-12			78						GI - 12"		128,14
18-GA-12			95						GA - 12"		160,16

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



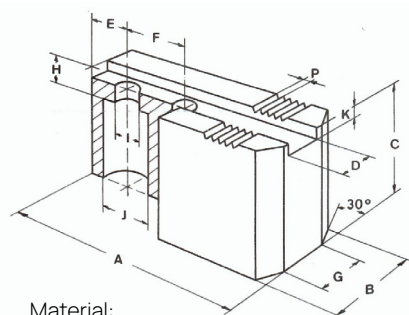
Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GALVEZ - HIDRAM		P= 1/16 90o	
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
17-GB11	53	30	40	12	16	-	-	1/16" 90o 1,25	GB 11	108 x 2	28,32
17-GB12	46	30	40	12	16	-	3		GB12	108 x 3	42,33
17-GB14	65	30	40	11	10	15	5	1/16" 90o 1,25	GB 14	130 - 140	42,47
17-GA14			65						GA 14		55,24
17-GB16	75	38	48	17	14	19,5	12	1/16" 90o	GB 16	160 - 200	54,47
17-GI16			62						GI16		61,93
17-GA16			75						GA 16		72,56
17-GB17	75	32	45	12	12,5	25	8	1/16" 90o 1,25	GB 17	170	46,15
17-GA17			75						GA 17		63,66
17-GB20	100	38	48	14	14	39	10	1/16" 90o	GB 20	200 - 240	60,27
17-GI20			75						GI 20		99,51
17-GA20			98						GA 20		118,15
17-GB21	90	38	48	17	14	19,5	5	1/16" 90o	GB 21	200 - 210	59,01
17-GI21			62						GI 21		68,85
17-GA21			75						GA 21		81,86
17-GA21C87			87						GA 21 C=87		104,62
17-GA21C97			97						GA 21 C=97		116,61
17-GA21C117			117						GA 21 C=117		179,98
17-GA21C150			150						GA 21 C=150		199,00
17-GA21C180			180						GA 21 C=180		247,64
17-GB25	110	45	55	21	20	26	16	1/16" 90o	GB 25	250 - 315 400	70,53
17-GI25-1			78						GI 25-1		95,73
17-GI25-2			95						GI 25-2		120,94
17-GA25			107						GA 25		155,86
17-GA25C125			125						GA 25 C=125		190,53
17-GA25C148			148						GA 25 C=148		228,62
17-GA25C170			170						GA 25 C=170		268,29
17-GA25C200			200						GA 25 C=200		315,70
17-GB26	100	45	55	21	20	26	-	1/16" 90o	GB 26	200 - 250 AS 2 GARRAS	50,27
17-GI26-1			78						GI 26-1		63,80
17-GI26-2			95						GI 26-2		80,64
17-GA26			107						GA 26		103,91
17-GB30	130	45	67	20	25	45	16	1/16" 90o 2,5 75o	GB 30	300 -340 400	94,15
17-GI30			97						GI 30		131,76
17-GA30			127						GA 30		205,02
17-GB50C60	145	60	60	25	30	32	-	3/32" 90o	GB 50 C=60	400- 500 630 - 800	145,70
17-GB50			88						GB 50		164,93
17-GI50			115						GI 50		198,41
17-GA50			145						GA 50		245,62
17-GA50C180			180						GA 50 C=180		363,67
17-GA50C200			200						GA 50 C=200		403,95

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

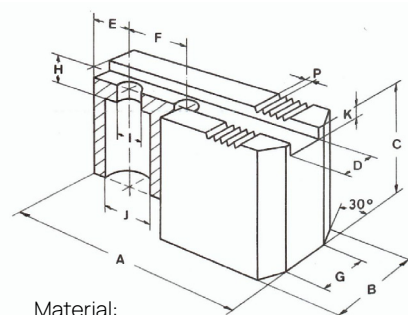


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GALVEZ - HIDRAM		P= 1/16 90o	
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
18-GB-4	55	25	25	10	12	14	3	1,5 60o	GB - 4"	110 NE - NHF	50,33
18-GI-4			30						GI - 4"		54,53
18-GII-4			35						GII - 4"		59,62
18-CA-4			40						GA - 4"		64,49
18-GB-5	63	25	30	10	10	14	2	1,5 60o	GB - 5"	130 NE - NHF	56,75
18-GI-5			40						GI - 5"		67,14
18-CA-5			50						GA - 5"		77,48
18-GB-6	72	32	40	12	15	20	8	1,5 60o	GB - 6"	170 NE - NHF	52,70
18-GI-6			55						GI - 6"		67,98
18-CA-6			65						GA - 6"		77,53
18-GB-8	95	38	48	14	24	25	12	1,5 60o	GB - 8"	210 NE - NHF	62,71
18-GI-8			62						GI - 8"		81,14
18-CA-8			75						GA - 8"		89,53
18-GB-10	110	38	47	16	30	30	15	1,5 60o	GB - 10"	250 NE - NHF	66,01
18-GI-10			62						GI - 10"		85,53
18-GA-10			75						GA - 10"		97,04
18-GB-10	110	40	50	17	25	25	12	1/16" 90o	GB - 10" 1/16"	250 - NE 250 - NHF 270 - NHF	66,01
18-GI-10			60						GI - 10" 1/16"		85,53
18-GA-10			70						GA - 10" 1/16"		97,04
18-GB12	130	45	55	18	39	30	18	1,5 60o	GB - 12"	315 NHF	83,75
18-GI-12			78						GI - 12"		128,14
18-GA-12			95						GA - 12"		160,16

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



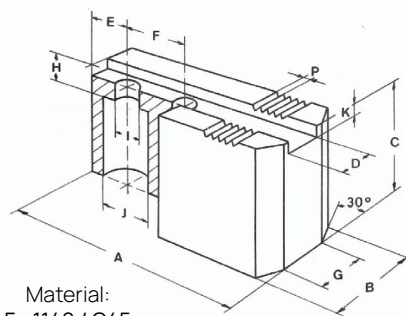
MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GALVEZ - HIDRAM		P = 1/16 90º	
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
17-GB25A130	130	45	55	21	20	26	12	1/16" 90º	GB 25 A=130	250 - 315 400	84,91
17-GI25-1A130			78						GI 25-I A=130		129,66
17-GI25-2A130			95						GI 25-II A=130		163,05
17-GA25A130			107						GA 25 A=130		199,12
17-GA25A130C125			125						GA 25 A=130 C=125		245,44
17-GA25A130C148			148						GA 25 A=130 C=148		291,91
17-GB25A150	150	45	55	21	20	26	16	1/16" 90º	GB 25 A=150	250 - 315 400	99,39
17-GI25-1A150			78						GI 25-I A=150		134,47
17-GI25-2A150			95						GI 25-II A=150		178,53
17-GA25A150			107						GA 25 A=150		214,55
17-GA25A150C125			125						GA 25 A=150 C=125		265,90
17-GA25A150C148			148						GA 25 A=150 C=148		317,17
17-GB50A170	170	60	88	25	30	32	-	3/32" 90º	GB 50 A=170	400 - 500 630 - 800	197,21
17-GI50A170			115						GI 50 A=170		241,24
17-GA50A170			145						GA 50 A=170		274,89
17-GB50A200	200	60	88	25	30	32	-	3/32" 90º	GB 50 A=200	400 - 500 630 - 800	218,82
17-GI50			115						GI 50 A=200		262,47
17-GA50A200			145						GA 50 A=200		296,28
17-GB50A250	250	60	88	25	30	32	-	3/32" 90º	GB 50 A=250	400 - 500 630 - 800	278,43
17-GI50A250			115						GI 50 A=250		322,97
17-GA50A250			145						GA 50 A=250		356,75
17-GB-80	145	68	88	25	30	32	-	3/32" 90º	GB 80	800 ES	179,62
17-GI-80			115						GI 80		246,21
17-GA-80			145						GA 80		286,18
17-GB80A220	220	68	88	25	30	32	-	3/32" 90º	GB 80 A=220	800 ES	222,32
17-GI80A220			115						GI 80 A=220		304,66
17-GA80A220			145						GA 80 A=220		354,10
17-GB-100	180	78	95	30	35	42 + 42	-	3/32" 90º	GB 100	1000 ES	281,36
17-GI-100			115						GI 100		365,77
17-GA-100			145						GA 100		427,43

OPCIONAL: 3 AGUJEROS / OPTIONAL: 3 HOLES

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGB No1

A	B	C	D	E	F	G	H	I	J	K	P

MEDIDAS ADAPTABLES AL PLATO MARCA
MEASURES ADAPTABLE TO CHUCKS BRAND

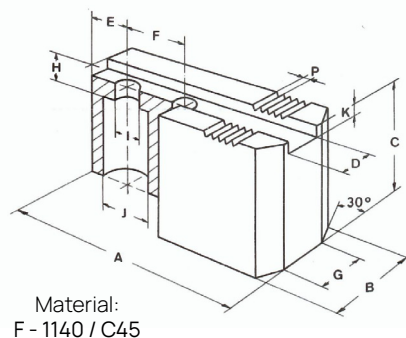
SMW - AUTOBLOK

CÓDIGO PASO 1/16 90º	CÓDIGO PASO 1,5 60º	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
15-140*3C30	16-140*3C30	60	30	30	12	15	16	8	1/16" 90º 1,5 60º	125 -130 -140	42,80
15-140*3C40	16-140*3C40			40							48,97
15-140*3C45	16-140*3C45			45							50,60
15-140*3C50	16-140*3C50			50							53,69
15-140*3C60	16-140*3C60			60							58,40
15-140*3C75	16-140*3C75			75							70,11
15-140*3A65C40	16-140*3A65C40	65	30	40	12	15	16	1	1/16" 90º 1,5 60º	125 - 130 - 140 A=65	63,37
15-140*3A50C50	16-140*3A50C50			50							70,61
15-140*3A70C40	16-140*3A70C40	70	30	40	12	15	16	1	1/16" 90º 1,5 60º	125 - 130 -140 A=70	64,13
15-140*3A50C50	16-140*3A50C50			50							71,50
15-165*3C40	16-165*3C40	70	30	40	14	16	16,5	10	1/16" 90º 1,5 60º	165 - 175	46,85
15-165*3C55	16-165*3C55			55							56,48
15-165*3C68	16-165*3C68			68							66,10
15-165*3C75	16-165*3C75			75							86,99
15-165*3A75C40G	16-165*3A75C40G	75	30	40	14	16	16,5	1	1/16" 90º 1,5 60º	165 - 175 A=75	64,48
15-165*3A75C50G	16-165*3A75C50G			50							70,56
15-165*3A75C60G	16-165*3A75C60G			60							76,66
15-165*3A75C70G	16-165*3A75C70G			70							98,76
15-165*3A80C40G	16-165*3A80C40G	80	30	40	14	16	16,5	1	1/16" 90º 1,5 60º	165 - 175 A=80	67,50
15-165*3A80C50G	16-165*3A80C50G			50							73,57
15-165*3A80C60G	16-165*3A80C60G			60							81,08
15-165*3A80C70G	16-165*3A80C70G			70							104,16
15-165*3A80C75G	16-165*3A80C75G			75							111,78
15-165*3C37	16-165*3C37	70	35	37	14	16	16	8	1/16" 90º 1,5 60º	170	59,16
15-165*3C55	16-165*3C55			55							76,28
15-165*3C68	16-165*3C68			68							92,00
15-220*3C40	16-220*3C40	90	40	40	17	20	23	12	1/16" 90º 1,5 60º	210 - 215	60,16
15-220*3C50	16-220*3C50			50							65,74
15-220*3C60	16-220*3C60			60							78,46
15-220*3C70	16-220*3C70			70							92,25
15-220*3C80	16-220*3C80			80							104,81
15-220*3C90	16-220*3C90			90							117,37
15-220*3C100	16-220*3C100			100							143,44
15-220*3C110	16-220*3C110			110							157,89
15-220*3C120	16-220*3C120			120							172,16
15-220*3A100C40	16-220*3A100C40	100	40	40	17	20	23	2	1/16" 90º 1,5 60º	210 - 215 A=100	64,80
15-220*3A100C50	16-220*3A100C50			50							72,92
15-220*3A100C60	16-220*3A100C60			60							86,36
15-220*3A110C40	16-220*3A110C40	110	40	40	17	20	23	2	1/16" 90º 1,5 60º	210 - 215 A=110	72,51
15-220*3A110C50	16-220*3A110C50			50							77,21
15-220*3A110C60	16-220*3A110C60			60							96,27

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



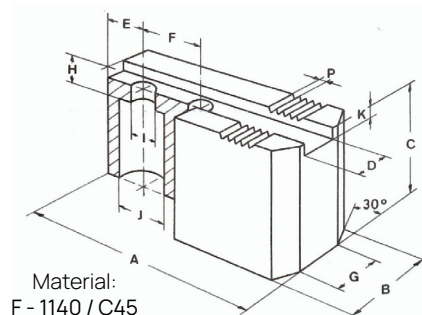
MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND										SMW - AUTOBLOK	
CÓDIGO PASO 1/16 90o	CÓDIGO PASO 1,5 60o	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
15-250*3C45	16-250*3C45	110	45	45	21	20	30	16	1/16" 90o 1,5 60o	250	61,83
15-250*3C55	16-250*3C55			55							72,37
15-250*3C65	16-250*3C65			65							94,91
15-250*3C78	16-250*3C78			78							100,51
15-250*3C95	16-250*3C95			95							124,14
15-250*3C107	16-250*3C107			107							160,80
15-250*3C125	16-250*3C125			125							200,19
15-250*3C148	16-250*3C148			148							241,63
	16-250*3C45D16	110	45	45	16	20	30	14	1,5 60o	250	78,07
	16-250*3C55D16			55							85,81
	16-250*3C65D16			65							108,06
	16-250*3C78D16			78							113,80
	16-250*3C95D16			95							141,45
	16-250*3C107D16			107							180,11
	16-250*3C125D16			125							224,23
15-250*3A125C45	16-250*3A125C45	125	45	45	21	20	30	4	1/16" 90o 1,5 60o	250 A=125	82,84
15-250*3A125C55	16-250*3A125C55			55							93,34
15-250*3A125C65	16-250*3A125C65			65							121,02
15-250*3A125C78	16-250*3A125C78			78							136,70
15-315*3C50	16-315*3C50	125	50	50	21	22	30	17	1/16" 90o 1,5 60o	315	76,00
15-315*3C60	16-315*3C60			60							98,08
15-315*3C70	16-315*3C70			70							115,91
15-315*3C80	16-315*3C80			80							133,76
15-315*3C90	16-315*3C90			90							151,50
15-315*3C100	16-315*3C100			100							173,21
15-315*3C115	16-315*3C115			115							194,45
15-315*3C125	16-315*3C125			125							214,15
15-315*3C148	16-315*3C148			148							267,74
15-315*3A140C50	16-315*3A140C50	140	50	50	21	22	30	8	1/16" 90o 1,5 60o	315 A=140	104,01
15-315*3A140C60	16-315*3A140C60			60							117,24
15-315*3A140C70	16-315*3A140C70			70							130,47
15-315*3A140C80	16-315*3A140C80			80							156,92
15-315*3A140C90	16-315*3A140C90			90							183,37
15-315*3A150C50	16-315*3A150C50	150	50	50	21	22	30	-	1/16" 90o 1,5 60o	315 A=150	115,83
15-315*3A150C60	16-315*3A150C60			60							125,78
15-315*3A150C70	16-315*3A150C70			70							134,23
15-315*3A150C80	16-315*3A150C80			80							158,36
15-315*3A150C90	16-315*3A150C90			90							190,45
15-315*3A150C100	16-315*3A150C100			100							203,45

OPCIONAL: 3 AGUJEROS / OPTIONAL: 3 HOLES

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

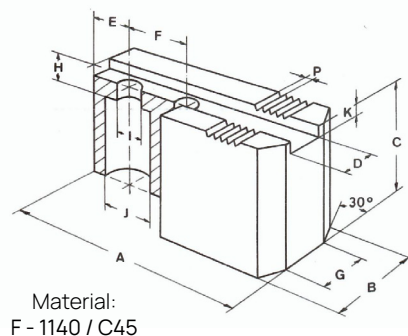


* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								SMW - AUTOBLOK		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
15-400*3C60	140	60	60	21	25	34	-	1/16" 90º	400	149,02
15-400*3C88			88							171,22
15-400*3C115			115							209,28
15-400*3C145			145							241,16
15-450*3C60	145	60	60	25,5	25	38	-	3/32" 90º	400 - 450	152,00
15-450*3C88			88							174,37
15-450*3C115			115							216,89
15-450*3C145			145							245,96
15-630*3C60	170	60	60	25,5	25	38	-	3/32" 90º	500 - 550 - 630	178,05
15-630*3C73			73							185,19
15-630*3C88			88							198,61
15-630*3C115			115							236,61
15-630*3C145			145							271,98
15-630*3C175			175							493,95
15-450*3A200C60	200	60	60	25,5	25	38	-	3/32" 90º	400 - 450 500 - 550 - 630	194,08
15-450*3A200C73			73							210,88
15-450*3A200C88			88							217,70
15-450*3A200C115			115							265,62
15-450*3A200C145			145							300,98
15-800*3C75	170	75	75	25,5	25	38	-	3/32" 90º	500 - 610 630 - 640 800	198,71
15-800*3C95			95							265,22
15-800*3C115			115							318,23
15-800*3C145			145							372,35
15-800*3C200			200							634,00
15-800*3C250			250							792,56
15-800*3A200C75	200	75	75	25,5	25	38	-	3/32" 90º	500 - 610 630 - 800	218,92
15-800*3A200C95			95							292,13
15-800*3A200C115			115							365,56
15-800*3A200C145			145							430,63
15-800*3A200C210			210							685,45
15-800*3A250C75	250	75	75	25,5	25	38	-	3/32" 90º	500 - 610 630 - 800	316,67
15-800*3A250C95			95							372,10
15-800*3A250C115			115							427,51
15-800*3A250C145			145							518,88
15-630BBNC78	160	78	78	30	30	50	-	3/32" 90º	630 BB - N	222,93
15-630BBNC95			95							297,43
15-630BBNC115			115							356,94
15-630BBNC145			145							417,74
15-630BBNA25C78	250	78	78	30	30	50	-	3/32" 90º	BB - N 630 - 850 - 1000	280,94
15-630BBNA25C95			95							374,84
15-630BBNA25C11			115							449,80
15-630BBNA25C14			145							548,30

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

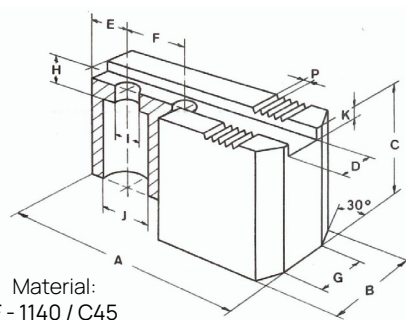


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								KITAGAWA - SAMCHULLY		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
19-B204C28	50	23	28	10	10	14	4	1,5 60o	B - 204	52,10
19-B204C38			38							63,46
19-B204C48			48							66,75
19-B04C23	48	19	23	8	8	15	6	1,5 60o	B - 04 HCH - 04	52,10
19-B04C35			35							63,46
19-B04C48			48							66,75
19-N04C28	55	23	28	10	13	14	3	1,5 60o	N - 04	54,73
19-N04C38			38							64,80
19-N04C48			48							68,27
19-N05C27	62	23	27	10	14	19	5	1,5 60o	N - 05 HC - 05	56,10
19-N05C38			38							67,47
19-B205C28	54	23	28	10	12	14	5	1,5 60o	B - 205 HC - 04 HS - 05	52,10
19-B205C38			38							58,72
19-B205C48			48							64,54
19-B205C58			58							70,29
19-B205C68			68							78,80
19-5C31	57	23	31	10	10	18	5	1,5 60o	B - 05	52,10
19-5C38			38							58,72
19-5C48			48							64,54
19-5C58			58							70,29
19-5C68			68							78,80
19-6C32	75	31	32	12	15	20	10	1,5 60o	6" B - 206 BB - 206 HS - 6 HC - 6 HCH - 6 MH - 206	46,04
19-6C40			40							53,92
19-6C48			48							57,95
19-6C58			58							68,32
19-6C68			68							78,46
19-6C78			78							88,78
19-6C88			88							99,11
19-6C97			97							132,26
19-6C107			107							164,11
19-6C117			117							209,18
19-6A80C32G1	80	31	32	12	15	20	1	1,5 60o	6" B - 206 BB - 206 HS - 6 HC/HCH - 6 MH - 206 A=80 G=1	54,80
19-6A80C40G1			40							62,85
19-6A80C48G1			48							70,75
19-6A80C58G1			58							83,75
19-6A80C68G1			68							92,26
19-6A80C78G1			78							108,34
19-6A85C32	85	31	32	12	15	20	1	1,5 60o	6" B - 206 A=85 G=1	66,03
19-6A85C40			40							75,91
19-6A85C48			48							84,90

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

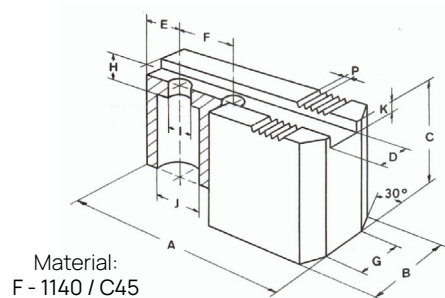


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								KITAGAWA - SAMCHULLY		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
19-8C38	90	36	38	14	20	25	12	1,5 60o	8" B - 208 BB - 208 HS - 8 HC - 8 HCH - 8 MH - 208	54,20
19-8C48			48							59,57
19-8C58			58							70,61
19-8C68			68							81,72
19-8C78			78							92,80
19-8C88			88							103,84
19-8C98			98							141,67
19-8C108			108							179,40
19-8C118			118							196,00
19-8C125			125							210,12
19-8A95C38	95	36	38	14	15	25	2	1,5 60o	8" B - 208 BB - 208 HS - 8 HC - 8 HCH - 8 MH - 208 (A=95)	58,94
19-8A95C48			48							65,28
19-8A95C58			58							78,13
19-8A95C68			68							91,89
19-8A95C78			78							105,86
19-8A95C88			88							115,78
19-8A95C98			98							158,64
19-8A95C108			108							195,53
19-8A95C118			118							211,70
19-10C42	110	40	42	16	30	30	14	1,5 60o	B - 210 BB - 210 HS - 10 HC - 10 HCH - 10 MH - 210	56,40
19-10C50			50							69,17
19-10C60			60							85,94
19-10C70			70							96,89
19-10C80			80							112,22
19-10C90			90							118,63
19-10C100			100							149,28
19-10C118			118							200,37
19-10C127			127							215,64
19-10C137			137							232,65
19-10C147			147							249,61
19-10C170			170							284,25
19-10C180			180							300,98
19-10C42E15	110	40	42	16	15	30	5	1,5 60o	10" B - 210 BB - 210 HS - 10 HC - 10 HCH - 10 MH - 210 (E=15)	56,40
19-10C50E15			50							69,17
19-10C60E15			60							85,94
19-10C70E15			70							96,89
19-10C80E15			80							112,22
19-10C90E15			90							118,63
19-10C100E15			100							149,28
19-10C118E15			118							200,37
19-10C127E15			127							215,64
19-10C137E15			137							232,65
19-101470E15			147							249,61

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

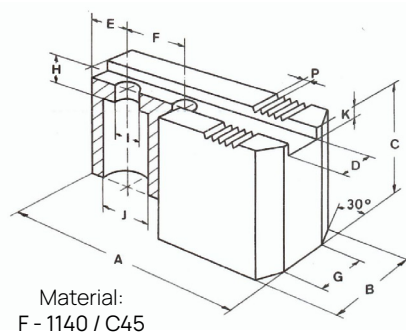


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND							KITAGAWA - SAMCHULLY			
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
19-12C50	130	50	50	18	40	30	18	1,5 60o	B - 12 N - 12 HOH - 12K HC - 12 HCH - 12	74,68
19-12C60			60							94,95
19-12C70			70							114,50
19-12C80			80							134,70
19-12C90			90							147,97
19-12C100			100							170,11
19-12C125			125							209,91
19-12C148			148							262,39
19-12NIC50	115	50	50	21	20	30	18	1,5 60o	B - 12 BB - 212 HS - 12 MH - 212	72,55
19-12NIC60			60							92,25
19-12NIC70			70							111,25
19-12NIC80			80							127,54
19-12NIC90			90							143,80
19-12NIC100			100							166,28
19-12NIC115			115							183,21
19-12NIC125			125							203,96
19-12NIC148			148							254,95
19-12NIC170			170							311,58
19-12NIC185			185							324,01
19-12NIA130C50	130	50	50	21	20	30	15	1,5 60o	B - 212 BB - 212 HS - 12 MH - 212	87,41
19-12NIA130C60			60							101,00
19-12NIA130C70			70							122,39
19-12NIA130C80			80							144,10
19-12NIA130C90			90							173,80
19-12NIA130C100			100							182,23
19-12NIA130C125			125							217,33
19-12NIA150C50G5	150	50	50	21	20	30	5	1,5 60o	B - 212 BB - 212 A=150 G=5	118,87
19-12NIA150C60G5			60							127,22
19-12NIA150C70G5			70							144,75
19-12NIA150C50	150	50	50	21	20	30	-	1,5 60o	B - 212 BB - 212 HS - 12 MH - 212 A=150	110,07
19-12NIA150C60			60							117,80
19-12NIA150C70			70							128,32
19-12NIA150C80			80							147,69
19-12NIA150C90			90							190,45
19-12NIA150C100			100							204,69
19-12NIA150C125			125							225,43
19-12NIA150C148			148							278,10
19-1B215C60	135	50	60	25,5	25	43	24	1,5 60o	B - 215 B - 218 HC - 15/18	106,03
19-1B215C70			70							127,97
19-1B215C80			80							146,68
19-1B215C90			90							185,46
19-1B215C100			100							193,60
19-1B215C125			125							220,12
19-1B215C148			148							264,93

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

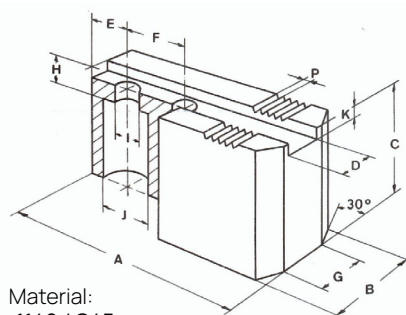


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								KITAGAWA - SAMCHULLY		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
19-15-18C66	165	62	66	22	37	43	-	1,5 60o	B - 15 / 18 HCH - 15 / 18	168,40
19-15-18C73			73							195,80
19-15-18C88			88							251,83
19-15-18C98			98							267,46
19-15-18C115			115							285,32
19-15-18C127			127							297,46
19-15-18C145			145							356,75
19-15-18C175			175							530,69
19-15-18C200			200							610,51
19-15-18C250			250							762,13
19-15-18A220C66	220	62	66	22	37	43	-	1,5 60o	B - 15 / 18 HCH - 15 / 18 A=220	208,50
19-15-18A220C73			73							225,22
19-15-18A220C88			88							280,26
19-15-18A220C98			98							302,48
19-15-18A220C115			115							366,24
19-15-18A220C127			127							387,36
19-15-18A220C145			145							475,38
19-15-18A220C175			175							565,21
19-15-18A220C200			200							658,71
19-21-24C73	180	65	73	25	40	60	-	3 x 60o	B - 21 / 24 HC - 21 / 24 HCH - 21 / 24 MH - 221 / 224	206,72
19-21-24C88			88							259,40
19-21-24C98			98							271,06
19-21-24C108			108							282,45
19-21-24C118			118							292,08
19-21-24C128			128							301,71
19-21-24C148			148							362,09
19-21-24C175			175							534,52
19-21-24C200			200							611,10
19-21-24C250			250							763,89
19-21-24C300	220	65	300	25	40	60	-	3 x 60o	B - 21 / 24 HC - 21 / 24 HCH - 21 / 24 MH - 221 / 224 A=220	862,51
19-21-24C350			350							961,12
19-21-24A220C73			73							296,07
19-21-24A220C88			88							317,03
19-21-24A220C98			98							343,61
19-21-24A220C108			108							365,44
19-21-24A220C118			118							385,33
19-21-24A220C128			128							411,60
19-21-24A220C148			148							485,07
19-21-24A220C175			175							582,27
19-21-24A220C200			200							663,36
19-21-24A220C250			250							840,24

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

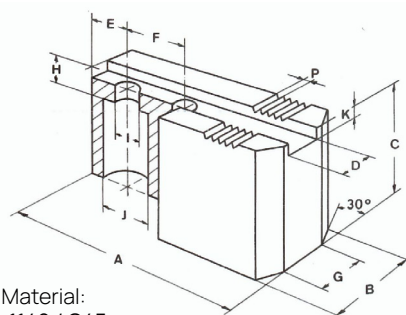


MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								HOWA		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
20-5C25F14	60	25	25	11	13	14	4	1,5 60o	5"	56,05
20-5C30F14			30							58,61
20-5C35F14			35							64,63
20-5C40F14			40							69,29
20-5C45F14			45							74,01
20-5C50F14			50							79,66
20-5C60F14			60							94,12
20-5C25F16	58	25	25	11	12	16	5	1,5 60o	5"	56,05
20-5C30F16			30							58,61
20-5C35F16			35							64,63
20-5C40F16			40							69,29
20-5C45F16			45							74,01
20-5C50F16			50							79,66
20-5C60F16			60							94,12
20-5C25F19	65	25	25	10	12	19	5	1,5 60o	5"	56,05
20-5C35F19			35							64,63
20-5C45F19			45							74,01
20-5C55F19			55							86,90
20-6C35	66,5	35	35	12	15	20	10	1,5 60o	6"	59,14
20-6C48			48							76,17
20-6C65			65							93,24
20-8C40	90	40	40	16	20	25	14	1,5 60o	8"	60,65
20-8C50			50							66,31
20-8C60			60							79,57
20-8C70			70							92,85
20-8C80			80							110,83
20-8C90			90							119,34
20-10-C45	110	45	45	18	25	30	16	1,5 60o	10"	72,73
20-10-C55			55							88,87
20-10-C65			65							105,09
20-10-C75			75							121,19
20-10-C95			95							153,54
20-12C50	115	50	50	21	25	35	18	1,5 60o	12"	77,58
20-12C60			60							97,11
20-12C70			70							118,92
20-12C90			90							153,56

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

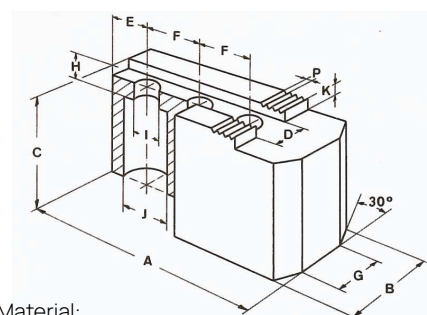
Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								MAN		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
24-160*3C50	75	40	50	17	20	22	12	1/16" 90o	160	60,89
24-160*3C70			70							96,58
24-200*3C50	90	40	50	17	20	22	12	1/16" 90o	200	72,13
24-200*3C90			90							123,70
24-250*3C55	110	45	55	21	20	28	17	1/16" 90o	250	86,48
24-250*3C107			107							167,81
24-400*3C60	120	50	60	21	25	28	17	1/16" 90o	315 - 400	104,97
24-400*3C90			90							174,51
24-630*3C88	155	60	88	25,5	30	35		3/32" 90o	500 - 630	170,95
24-630*3C145			145							269,36

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

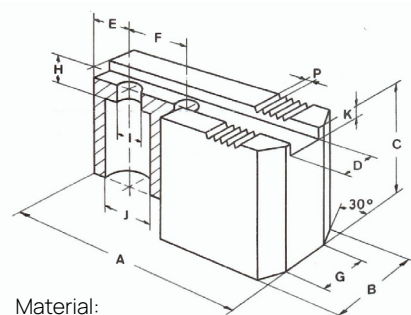
Mod. TGB N°1											
A	B	C	D	E	F	G	H	I	J	K	P



MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GAMET		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
23-160*3C36	77	27	36	11	8,5	20 + 20	8	1,5 60o	160	62,02
23-160*3C77			77					1/16" 90o		104,20
23-215*3C47	100	38	47	14	14	22 + 22	10	1,5 60o	215	85,04
23-215*3C97			97					1/16" 90o		156,95
23-250*3C47	116	44	47	20	13,5	30 + 30	16	1,5 60o	250	89,97
23-250*3C97			97					1/16" 90o		165,80
23-280*3C47	130	45	47	20	13,5	30 + 30	18	1,5 60o	280	101,44
23-280*3C117			117					1/16" 90o		204,72
23-350*3C58	143	48	58	21	16	40 + 40	18	1,5 60o	350	139,69
23-350*3C137			137					1/16" 90o		224,47

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								GAMET GA		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
22-GA-130	60	25	30	11	10	15	5	1/16" 90º	GA - 130	132,74
22-GA-160	72	32	45	14	10	18	5	1/16" 90º	GA - 160	47,09
22-GAI-160			58						GAI - 160	60,44
22-GAA-160			75						GAA - 160	73,88
22-GA-210	95	38	48	17	13	20	7	1/16" 90º	GA - 210	64,65
22-GAI-210			75						GAI - 210	103,29
22-GAA-210			95						GAA - 210	122,85
22-GA-250	110	45	55	21	15	26	7	1/16" 90º	GA - 250	80,13
22-GAI-250/1			78						GAI - 250/1	106,30
22-GAI-250/2			95						GAI - 250/2	133,62
22-GAA-250			107						GAA - 250	168,29
22-GA-315/1	140	45	45	21	15	31	7	1/16" 90º	GA - 315/1	85,48
22-GA-315/2			55						GA - 315/2	88,39
22-GAI-315/1			75						GAI - 315/1	128,79
22-GAI-315/2			95						GAI - 315/2	165,98
22-GAA-315			105						GAA - 315	191,83

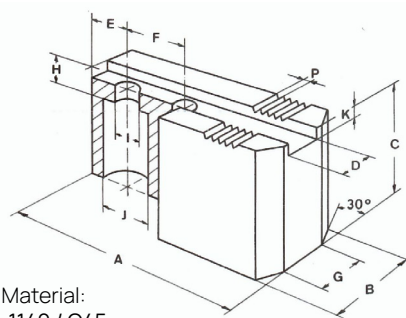
* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								LAN - GAI		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
25-160*3C50	75	40	50	17	18	21	12	1/16" 90º	160	60,89
25-160*3C70			70							96,58
25-200*3C50	90	40	50	17	20	22	12	1/16" 90º	200	72,13
25-200*3C90			90							123,70
25-250*3C55	110	45	55	21	20	25	16	1/16" 90º	250	86,48
25-250*3C107			107							174,51
25-400*3C60	120	50	60	21	20	32	16	1/16" 90º	315 - 400	104,97
25-400*3C90			90							153,36
25-630*3C88	145	60	88	25,5	30	33	-	3/32" 90º	500 - 630	163,19
25-630*3C145			145							261,47

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft Jaws adaptable to Pneumatic and Power Chucks

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								MICRON		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
28-150*3C45	75	32	45	12	13	22	10	1/16" 55o	PN 150	51,99
28-150*3C75			75							74,59
28-205*3C50	78	35	50	12	12	25	10	1/16" 55o	PN 180 - 205 PS 160	58,12
28-205*3C90			90							79,16
28-215*3C50	100	40	50	14	15	32	12	1/16" 55o	PS 215	63,47
28-215*3C90			90							123,70
28-230*3C48	100	38	48	14	15	39	12	1/16" 55o	PN 230	65,35
28-230*3C75			75							89,04
28-230*3C97			97							124,04
28-280*3C55			55							82,66
28-280*3C107	115	46	107	16	16	39	14	1/16" 55o	PN 280 PS 280	182,74

* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								MMK (Torno Leadwell / Lathe Leadwell)		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	Ø PLATO CHUCK Ø	€
59-MMK6C38	75	27	38	11	15	25	1	1,5 60o	6" 165	55,02
59-MMK6C48			48							75,38
59-MMK6C60			60							95,75

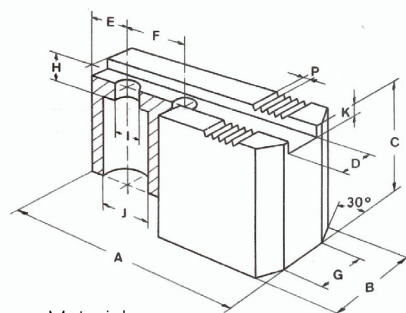
* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								FORKARDT			
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
21-WB11/70	70	40	50	17	12	22	12	1/16" 90o	WB 11/70	160	61,66
21-WA11/70			70						WA 11/70		98,52
21-WB11/90	90	40	50	17	20	22	12	1/16" 90o	WB 11/90	200 - 250	68,39
21-WA11/90			90						WA 11/90		104,04
21-WB12	120	50	60	21	25	28	18	1/16" 90o	WB 12	250 - 315 400	107,06
21-WA12			90						WA 12		153,91
21-WB13	140	60	88	25,5	25	35	-	1/16" 90o	WB 13	300	170,53
21-WA123			145						WA 13		274,54
21-WB23	155	60	88	25,5	26	35	-	3/32" 90o	WB 23	400 - 500	179,51
21-WA23			145						WA 23		282,83

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras Blandas Adaptables a platos Neumáticos - Hidráulicos

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P

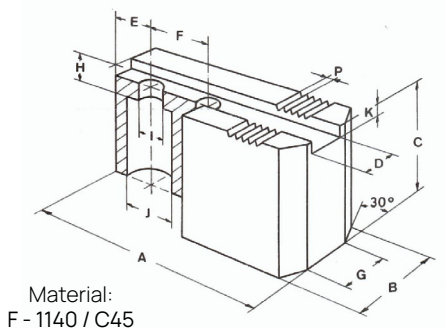


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND									ROHM		
CÓDIGO	A	B	C	D	E	F	G	PASO / PITCH SERRATION	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
66-95*3KDEHSC30	40	22	30	8	10	12,5	4	1/16" 90o	KDE - HS	95 / 3	52,44
66-95*3KDEHSC60			60								89,12
66-110*3KFD C40	45	25	40	10	11	15	5	1/16" 90o	KFD - HS	110	63,44
66-110*3KFD C50			50								75,23
66-130*3C30	53	25	30	10	9	12 + 12	3	1/16" 90o	KFD - HS KFD	130 - 140 110 - 125 - 140	57,25
66-130*3C35			35								60,12
66-130*3C40			40								67,71
66-130*3C50			50								77,48
66-160AB538C40	60	30	40	12	10	15	5	1/16" 90o	KFD - HS KFD - HE KFD	160 - 175 170 130	55,03
66-160AB538C50			50								64,89
66-160AB538C60			60								74,79
66-160AB538C70			70								87,19
66-160AB538C80			80								99,61
66-160*3C48KFD	75	38	48	17	14	19,5	12	1/16" 90o	KFD - HS KFD - HF KFD	200 160 160	58,73
66-160*3C62KFD			62								66,79
66-160*3C75KFD			75								78,30
66-200*3KFDC48	90	38	48	17	14	19,5	5	1/16" 90o	KFD - HS KFD - HF KFD	250 200 200	63,64
66-200*3KFDC62			62								74,25
66-200*3KFDC75			75								88,25
66-210*3KFDHE40	90	40	40	17	20	25	12	1/16" 90o 1,5 60o	KFD - HE	210	62,03
66-210*3KFDHE50			50								68,54
66-210*3KFDHE60			60								79,59
66-210*3KFDHE70			70								95,97
66-210*3KFDHE90			90								122,43
66-250*3C55	110	45	55	21	20	26	16	1/16" 90o	KFD - HS KFD - HF KFD KFD - HE	315 250 250 250 - 315	75,22
66-250*3C78			78								102,18
66-250*3C95			95								130,78
66-250*3C107			107								164,98
66-315*3C50	125	50	50	21	22	30	15	1/16" 90o	KFD - HF KFD	315	78,25
66-315*3C60			60								100,95
66-315*3C70			70								119,30
66-315*3C90			90								155,95
66-400*3KFDC60	145	60	60	25,5	25	35	-	3/32" 90o	KFD - HS KFD - HF KFD	400 - 500	153,40
66-400*3KFDC88			88								176,27
66-400*3KFDC115			115								223,26
66-400*3KFDC145			145								248,25
66-630*3KFD	145	68	88	25,5	20	35	-	3/32" 90o	KFD - HF KFD	630 630 - 800	224,80
66-630*3KFDC115			115								260,44
66-630*3KFDC145			145								302,69

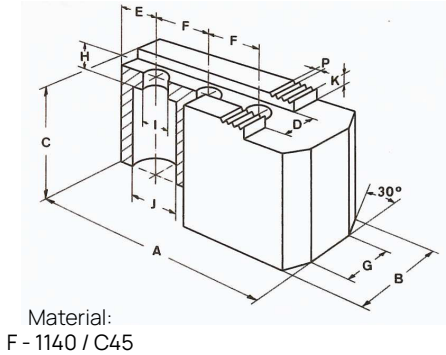
* Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



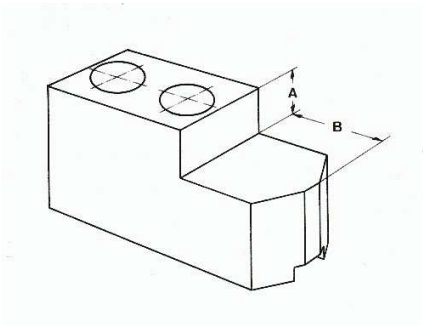
Este modelo es el que se denomina garras con agujeros al centro en el cual la cota "F" va centrada en la garra, su uso es doble.
This model is called jaws with holes in the center, in which the dimension "F" is centered in the jaw, it's use is twofold.

Mod. TGB No1											
A	B	C	D	E	F	G	H	I	J	K	P



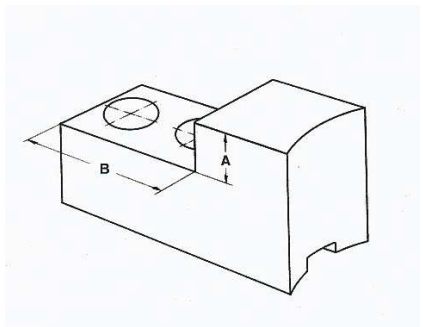
Este modelo puede llevar 2 o 3 agujeros, se fabrica bajo pedido cuando la cota "B" es más ancha que la garra estándar.
This model can be with 2 or 3 holes, it is made on demand when the distance "B" is wider than in standard jaws.

Mod. TGB No5	
A	B



Con el fin de facilitar el torneado de las garras se pueden suministrar con los rebajes según los modelos TGB No5 y 6 de acuerdo con las medidas necesarias.

Mod. TGB No5	
A	B



In order to facilitate the turning of the jaws, they can be supplied with the recesses as models TGB No5 and 6 according to the necessary measures.

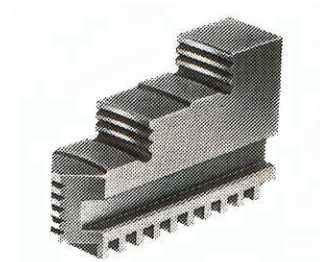
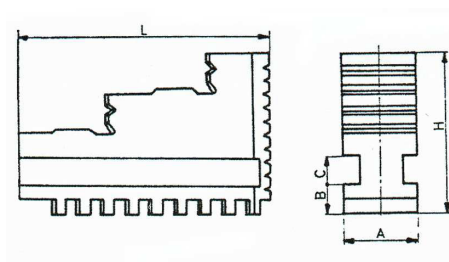
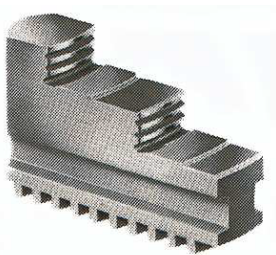
02.

Garras Duras Hard Jaws

Garras duras adaptables
a los platos manuales

Hard Jaws adaptable
to Mechanic Chucks

Garras duras adaptables a platos universales



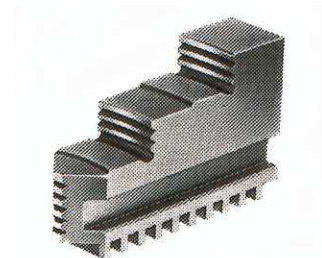
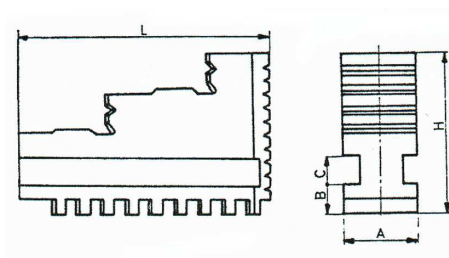
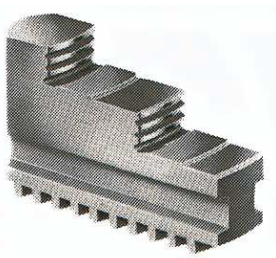
GDI
GARRA DURA AMARRE INTERIOR
HARD OUTSIDE SOLID JAWS

GDE
GARRA DURA AMARRE EXTERIOR
HARD INSIDE SOLID JAWS

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								3 GARRAS / JAWS	4 GARRAS / JAWS
BISON + GAMOR + MK - LG								€	
CÓDIGO	A	B	C	H	L	P	Ø PLATO CHUCK Ø		
34-GDI 80*3/4 34-GDE 80*3/4	11	6	6	28	32	4	80		
34-GDI 100*3/4 34-GDE 100*3/4	15	6	6	31	42	6	100		
34-GDI 125*3/4 34-GDE 125*3/4	20	8	8	40	51	7	125		
34-GDI 160*3/4 34-GDE 160*3/4	20	8	8	53	70	8	160		
34-GDI 200*3/4 34-GDE 200*3/4	25	9	10	54	85	8	200		
34-GDI 250*3/4 34-GDE 250*3/4	28	11	12	63	105	9	250		
34-GDI 315*3/4 34-GDE 315*3/4	32	12,7	12	73	125	10	315		
34-GDI 400*3/4 34-GDE 500*3/4	36	15	14	92	145	12	400		
34-GDI 500*3/4 34-GDE 500*3/4	40	16	14	100	180	14,2	500		
34-GDI 630*3/4 34-GDE 630*3/4	50	16	14	110	225	14,2	630 - 800		

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								3 GARRAS / JAWS	4 GARRAS / JAWS
MK - G								€	
CÓDIGO	A	B	C	H	L	P	Ø PLATO CHUCK Ø		
02-GDI 125*3/4 02-GDE 125*3/4	15	7	8	42	54	6	125		
02-GDI 160*3/4 02-GDE 160*3/4	18	9,8	10	53	70	8	160		
02-GDI 200*3/4 02-GDE 250*3/4	20	8,7	10	60	85	8	200		
02-GDI 250*3/4 02-GDE 250*3/4	27	11	10	70	105	10	250		
02-GDI 315*3/4 02-GDE 315*3/4	32	14	13	86	125	11	315		
02-GDI 380*3/4 02-GDE 380*3/4	36	13,5	13	91	131	11	380		

Hard jaws adaptable to mechanic chucks



GDI
GARRA DURA AMARRE INTERIOR
HARD OUTSIDE SOLID JAWS

GDE
GARRA DURA AMARRE EXTERIOR
HARD INSIDE SOLID JAWS

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								3 GARRAS / JAWS	4 GARRAS / JAWS
TOS - TDG 21								€	
CÓDIGO	A	B	C	H	L	P	Ø PLATO CHUCK Ø		
06-GDI 80*3/4 06-GDE 80*3/4	10	5,9	5	27	33	6	80		
06-GDI 100*3/4 06-GDE 100*3/4	14	5,9	7	34	41,5	6	100		
06-GDI 125*3/4 06-GDE 125*3/4	16	5,9	7	36	51,5	6	125		
06-GDI 160*3/4 06-GDE 160*3/4	18	7,4	7	42	66	6	160		
06-GDI 200*3/4 06-GDE 200*3/4	22	9,9	8	54	79	8	200		
06-GDI 250*3/4 06-GDE 250*3/4	25	9,9	8	58	104	8	250		
06-GDI 315*3/4 06-GDE 315*3/4	32	11,9	12	71	123	10	315		
06-GDI 400*3/4 06-GDE 400*3/4	32	14,9	12	86	153	12	400		

MEDIDAS ADAPTABLES AL PLATO MARCA MEASURES ADAPTABLE TO CHUCKS BRAND								3 GARRAS / JAWS	4 GARRAS / JAWS
MK - N								€	
CÓDIGO	A	B	C	H	L	P	Ø PLATO CHUCK Ø		
02-GDI 125*3N/4N 02-GDE 125*3N/4N	16	7	8	45	56		125		
02-GDI 160*3N/4N 02-GDE 160*3N/4N	18,5	10	10	54	70		160		
02-GDI 200*3N/4N 02-GDE 200*3N/4N	22	10,2	10	61	85	8	200		
02-GDI 250*3N/4N 02-GDE 250*3N/4N	27	12	10	70	105	10	250		
02-GDI 315*3N/4N 02-GDE 315*3N/4N	36	13,5	13	86	127	12	315		
02-GDI 400*3N/4N 02-GDE 400*3N/4N	36	13,5	13	91	131	12	400		

03.

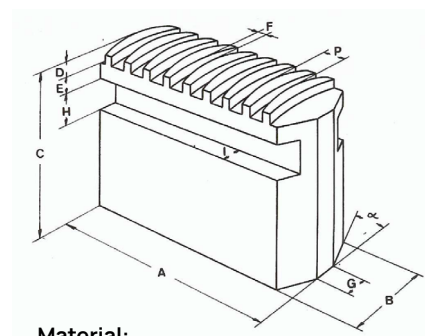
Garras Blandas Soft Jaws

Garras blandas adaptables
a los platos manuales

Soft Jaws adaptable
to Mechanic Chucks

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

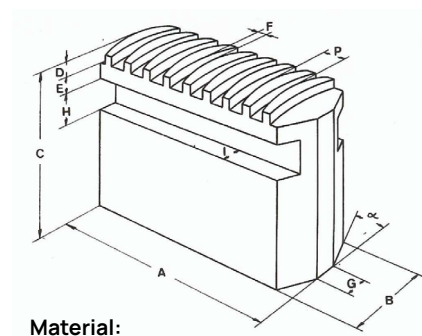


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA BISON +GAMOR + MK - LG MEASURES ADAPTABLE TO CHUCKS BRAND BISON + GAMOR + MK - LG								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
01- 80*3/4	33	11	28	6	6	4	80	49,12	
01- 100*3/4	43	15	35	6	6	6	100	51,07	68,07
01- 125*3/4	53	20	45	8	8	7	125	55,63	74,17
01- 160*3/4	70	20	55	8	8	8	160	55,63	88,93
01- 200*3/4	85	25	57	10	9	8	200	78,57	104,76
01- 250*3/4	95	28	67	12	11	9	250	108,09	144,11
01- 315*3/4	125	32	77	12	12,7	10	315	184,43	245,91
01- 400*3/4	150	36	87	14	15	12	400	230,19	306,91
01- 500*3/4	180	40	97	14	16	14,2	500	354,74	473,00
01- 630*3/4	225	50	117	14	16	14,2	630 - 800	540,91	721,22

MEDIDAS ADAPTABLES AL PLATO MARCA BISON + MK - LG MEASURES ADAPTABLE TO CHUCKS BRAND BISON + MK - LG								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
01- 80*3/4C33	33	11	33	6	6	4	80 C=33	67,40	
01- 80*3/4C38			38				80 C=38	73,01	
01- 100*3/4C50			50				100 C=50	58,47	77,97
01- 100*3/4C60	43	15	60	6	6	4	100 C=60	64,11	85,47
01- 100*3/4C100			100				100 C=100	110,50	147,35
01- 125*3/4C57			57				125 C=57	74,02	98,70
01- 125*3/4C67	53	20	67	8	8	7	125 C=67	88,62	118,15
01- 160*3/4C78	70	20	78	8	8	8	160 C=78	91,81	122,44
01- 160*3/4C98			98				160 C=98	121,42	122,38
01- 200*3/4C68			68				200 C=68	95,53	116,55
01- 200*3/4C78	85	25	78	10	9	8	200 C=78	106,61	146,20
01- 200*3/4C88			88				200 C=88	136,55	182,06
01- 200*3/4C98			98				200 C=98	160,05	213,39
01- 200*3/4C108			108				200 C=108	176,64	235,51
01- 200*3/4C128			128				200 C=128	209,35	279,12
01- 250*3/4C78			78				250 C=78	128,31	171,09
01- 250*3/4C88	95	28	88	12	11	9	250 C=88	144,74	193,15
01- 250*3/4C98			98				250 C=98	161,21	214,97
01- 250*3/4C108			108				250 C=108	191,85	255,83
01- 250*3/4C118			118				250 C=118	201,59	268,79
01- 250*3/4C147			147				250 C=147	256,90	342,52

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

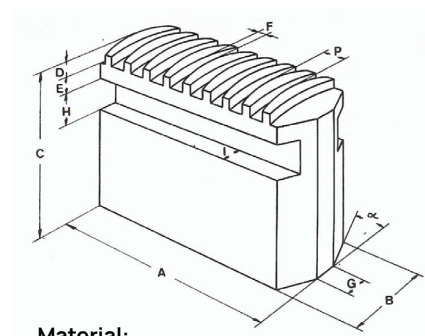


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA BISON + MK - LG MEASURES ADAPTABLE TO CHUCKS BRAND BISON + MK - LG								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
01- 315*3/4C57	125	32	88	12	12,7	10	315 C=88	217,95	290,61
01- 315*3/4C98			98				315 C=98	243,25	324,37
01- 315*3/4C108			108				315 C=108	261,86	349,12
01- 315*3/4C118			118				315 C=118	298,19	378,34
01- 315*3/4C125			125				315 C=125	283,99	397,58
01- 315*3/4C145			145				315 C=145	312,72	416,95
01- 315*3/4C180			180				315 C=180	388,22	517,60
01- 315*3/4C200			200				315 C=200	431,32	575,08
01- 400*3/4C107	150	36	107	14	15	12	400 C=107	309,33	412,46
01- 400*3/4C117			117				400 C=117	337,74	450,31
01- 400*3/4C127			127				400 C=127	367,09	489,53
01- 400*3/4C147			147				400 C=147	403,69	538,23
01- 400*3/4C175			175				400 C=175	462,82	617,12
01- 400*3/4C200			200				400 C=200	521,74	695,68
01- 500*3/4C125	180	40	125	14	16	14,2	500 C=125	448,19	597,59
01- 500*3/4C157			157				500 C=157	585,44	780,60
01- 630*3/4C147	225	50	147	14	16	14,2	630 C=147	645,63	710,21
01- 630*3/4C197			197				630 C=197	877,16	1169,55
01- 100*3/4A75	75	15	35	6	6	6	100 A=75	102,70	136,94
01- 100*3/4A100	100						100 A=100	105,41	140,55
01- 100*3/4A125	125						100 A=125	108,88	145,16
01- 125*3/4A75	75	20	45	8	8	7	125 A=75	98,13	130,84
01- 125*3/4A85	85						125 A=85	101,94	135,94
01- 125*3/4A90	90						125 A=90	104,39	139,20
01- 160*3/4A100	100	20	55	8	8	8	160 A=100	97,10	129,46
01- 160*3/4A125	125						160 A=125	110,26	147,02
01- 160*3/4A145	145						160 A=145	123,43	164,56
01- 160*3/4A165	165						160 A=165	144,19	192,27
01- 160*3/4A185	185						160 A=185	176,14	234,83
01- 200*3/4A100	100	25	57	10	9	8	200 A=100	106,12	141,52
01- 200*3/4A120	120						200 A=120	132,14	176,18
01- 200*3/4A150	150						200 A=150	154,99	206,63
01- 200*3/4A170	170						200 A=170	177,82	237,10
01- 200*3/4A200	200						200 A=200	201,19	268,29
01- 200*3/4A200C98	200	25	98	10	9	8	200 A=200 C=98	276,43	368,58

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

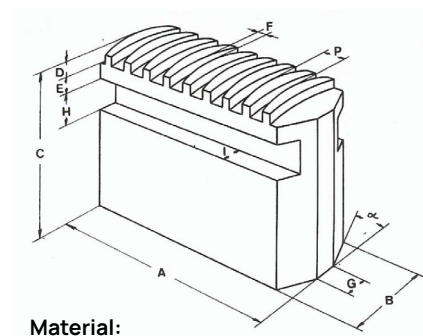


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA BISON + GAMOR + MK - LG MEASURES ADAPTABLE TO CHUCKS BRAND BISON + GAMOR+ MK - LG								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
01- 250*3/4A125	125	28	67	12	11	9	250 A=125	155,44	207,25
01- 250*3/4A150	150						250 A=150	186,53	248,73
01- 250*3/4A175	175						250 A=175	203,03	270,69
01- 250*3/4A200	200						250 A=200	232,03	309,37
01- 250*3/4A125C98	125	28	98	12	11	9	250 A=125 C=98	201,54	268,72
01- 315*3/4A150	150	32	77	12	12,7	10	315 A=150	225,67	300,88
01- 315*3/4A175	175						315 A=175	245,91	327,87
01- 315*3/4A200	200						315 A=200	255,74	340,98
01- 315*3/4A225	225						315 A=225	286,65	383,56
01- 315*3/4A250	250						315 A=250	319,60	426,16
01- 315*3/4A275	275						315 A=275	351,53	468,71
01- 315*3/4A300	300						315 A=300	379,39	505,85
01- 315*3/4A350	350						315 A=350	414,13	552,14
01- 315*3/4A200C128	200						315 A=200 C=128	388,08	518,17
01- 400*3/4A200	200	36	87	14	15	12	400 A=200	312,14	416,17
01- 400*3/4A250	250						400 A=250	352,05	469,37
01- 400*3/4A300	300						400 A=300	391,19	521,57
01- 400*3/4A250C107	250	36	107	14	15	12	400 A=250 C=107	408,94	545,26
01- 400*3/4A250C195	300	36	195	14	15	12	400 A=300 C=195	756,71	1008,93
01- 500*3/4A250	250	40	97	14	16	14,2	500 A=250	461,53	615,37
01- 500*3/4A300	300						500 A=300	526,10	701,45
01- 500*3/4A350	350						500 A=350	613,70	818,41
01- 500*3/4A300C127	460	40	127	14	16	14,2	500 A=300 C=127	810,34	1080,45
01- 630*3/4A300	300	50	117	14	16	14,2	630 A=300	644,22	858,94
01- 630*3/4A400	400						630 A=400	754,09	1005,45
01- 630*3/4A250C147	300	50	147	14	16	14,2	630 A=250 C=147	809,38	1079,15

Soft jaws adaptable to monoblock

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



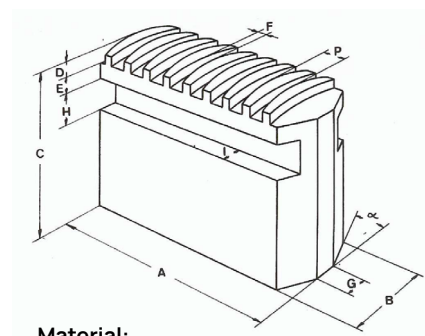
Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA T.D.G. M.N MEASURES ADAPTABLE TO CHUCKS BRAND T.D.G. M.N								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
03- 85*3/4	35	12	27	5	4,6	4	85	49,75	66,36
03- 110*3/4	45	15	35	6,5	5,5	5	110	52,00	69,32
03- 135*3/4	55	18	45	8	7,5	6	135	55,91	74,57
03- 160*3/4	66	22	47	9	8,5	7	160	67,22	89,62
03- 200*3/4	77	25	57	10,5	9,8	8	190 - 200	78,88	105,16
03- 220*3/4	84	28	61	11,5	11	8	220	99,39	132,51
03- 250*3/4	92	32	66	12,5	12,5	10	250	110,60	147,44
03- 315*3/4	117	40	85	14	15	12	315	210,78	281,01
03- 400*3/4	140	40	87	14	15	12	350 - 400	268,15	357,90
03- 500*3/4	175	45	117	16	17,9	14	500 - 630	361,47	481,99

MEDIDAS ADAPTABLES AL PLATO MARCA T.D.G. M.N MEASURES ADAPTABLE TO CHUCKS BRAND T.D.G. M.N								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
03- 110*3/4C45	45	15	45	6,5	5,5	5	110 C=45	72,79	101,90
03- 110*3/4C60			60				110 C=60	87,28	122,29
03- 135*3/4C45	55	18	50	8	7,5	6	135 C=50	91,17	127,64
03- 135*3/4C65			65				135 C=65	118,51	165,94
03- 135*3/4C75			75				135 C=75	148,99	208,59
03- 160*3/4C60	66	22	60	9	8,5	7	160 C=60	115,10	161,13
03- 160*3/4C78			78				160 C=78	140,58	196,82
03- 160*3/4C108			108				160 C=108	182,32	255,23
03- 160*3/4C160			160				160 C=160	243,07	340,30
03- 200*3/4C68	77	25	68	10,5	9,8	8	200 C=68	101,37	141,92
03- 200*3/4C78			78				200 C=78	117,73	164,86
03- 200*3/4C88			88				200 C=88	132,91	186,07
03- 200*3/4C98			98				200 C=98	142,79	207,87
03- 200*3/4C108			108				200 C=108	197,97	277,19
03- 200*3/4C118			118				200 C=118	207,47	290,47
03- 200*3/4C140			140				200 C=140	232,76	325,88
03- 200*3/4C160			160				200 C=160	251,44	352,01
03- 220*3/4C77	84	28	77	11,5	11	8	220 C=77	134,57	188,42
03- 220*3/4C88			88				220 C=88	152,96	214,16
03- 220*3/4C98			98				220 C=98	170,32	238,43
03- 220*3/4C108			108				220 C=108	188,99	264,59
03- 220*3/4C140			140				220 C=140	256,71	359,40

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

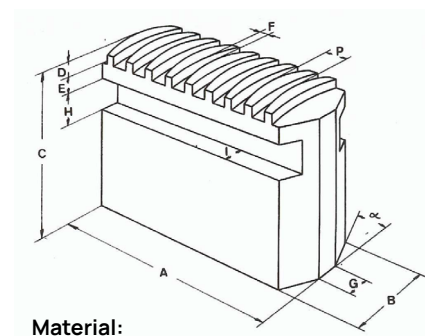


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA T.D.G. M.N MEASURES ADAPTABLE TO CHUCKS BRAND T.D.G. M.N								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
03- 250*3/4C78	92	32	78	12,5	12,5	10	250 C=78	146,54	195,40
03- 250*3/4C88			88				250 C=88	156,93	209,26
03- 250*3/4C98			98				250 C=98	167,43	223,27
03- 250*3/4C108			108				250 C=108	184,48	246,01
03- 250*3/4C118			118				250 C=118	201,54	268,74
03- 250*3/4C128			128				250 C=128	215,67	290,89
03- 250*3/4C148			148				250 C=148	258,79	345,05
03- 250*3/4C170			170				250 C=170	312,72	416,95
03- 250*3/4C200			200				250 C=200	324,49	432,66
03- 315*3/4C98	117	40	98	14	15	12	315 C=98	265,31	353,77
03- 315*3/4C107			107				315 C=107	288,76	385,02
03- 315*3/4C117			117				315 C=117	309,90	413,20
03- 315*3/4C147			147				315 C=147	361,12	481,50
03- 315*3/4C185			185				315 C=185	411,55	548,74
03- 315*3/4C200			200				315 C=200	459,19	598,92
03- 400*3/4C117	140	40	117	14	15	12	400 C=117	373,88	498,49
03- 400*3/4C127			127				400 C=127	401,71	535,59
03- 400*3/4C147			147				400 C=147	447,79	597,03
03- 500*3/4C147	175	45	147	16	17,9	14	500 C=147	465,31	620,41
03- 500*3/4C175			175				500 C=175	609,36	812,45
03- 500*3/4C200			200				500 C=200	667,15	889,52
03- 500*3/4C250			250				500 C=250	750,57	1000,74
03- 200*3/4C102	102	25	57	10,5	9,8	8	200 A=102	112,00	149,35
03- 200*3/4C125	125						200 A=125	135,23	180,31
03- 200*3/4C150	150						200 A=150	142,26	189,68
03- 200*3/4C175	175						200 A=175	177,18	236,23
03- 250*3/4C125	125	32	66	12,5	12,5	10	250 A=125	204,87	227,64
03- 250*3/4C150	150						250 A=150	195,66	260,87
03- 250*3/4C175	175						250 A=175	206,29	275,05
03- 250*3/4C200	200						250 A=200	220,62	294,17
03- 250*3/4C235	235						250 A=235	260,58	347,44
03- 250*3/4C250	250						250 A=250	277,77	370,33
03- 250*3/4A155C107	175	32	107	12,5	12,5	10	250 A=155 C=107	334,49	446,00
03- 250*3/4A200C147	200		147				250 A=200 C=147	460,20	613,60

Soft jaws adaptable to monoblock

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

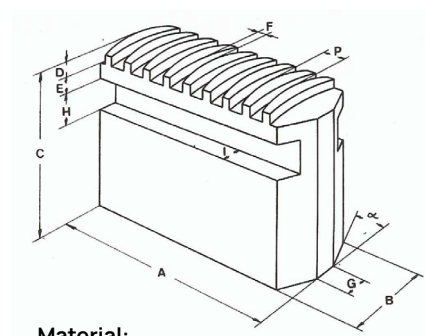


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA TDG. MN MEASURES ADAPTABLE TO CHUCKS BRAND TDG. MN								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
03- 315*3/4A150	150	40	85	14	15	12	315 A=150	308,24	410,97
03- 315*3/4A175	175						315 A=175	329,64	439,51
03- 315*3/4A185	185						315 A=185	339,83	453,13
03- 315*3/4A200	200						315 A=200	364,63	486,12
03- 315*3/4A220	220						315 A=220	394,27	525,72
03- 315*3/4A240	240						315 A=240	418,76	558,36
03- 315*3/4A240C97	240	40	97	14	15	12	315 A=240 C= 97	477,89	637,19
03- 400*3/4A180	180	40	87	14	15	12	400 A=180	339,92	453,21
03- 400*3/4A200	200						400 A=200	365,42	487,23
03- 400*3/4A220	220						400 A=220	394,54	526,08
03- 400*3/4A180C200	180		200				400 A=180 C= 200	673,88	898,51
03- 400*3/4A225C107	225		107				400 A=225 C= 107	485,23	646,95
03- 400*3/4A240C147	240		147				400 A=240 C= 147	639,45	852,67
03- 400*3/4A275C127	275		127				400 A=275 C= 127	525,07	700,08
03- 500*3/4A200	200	45	117	16	17,9	14	500 A=200	498,11	664,15
03- 500*3/4A220	220						500 A=220	511,80	682,39
03- 500*3/4A320	320						500 A=320	629,81	839,75
03- 500*3/4A250C147	250	45	147	16	17,9	14	500 A=250 C= 147	691,14	921,58
03- 500*3/4A300C147	300						500 A=300 C= 147	717,49	956,67
03- 500*3/4A200C147	350						500 A=200 C= 147	745,08	993,43
03- 700-800*3/4	225	50,8	125	17	20	18	700 - 800	638,07	850,76

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



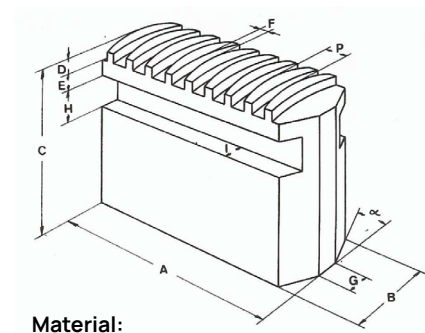
Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA TOS - TDG 21 MEASURES ADAPTABLE TO CHUCKS BRAND TOS - TDG 21								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
06- 80*3/4	36	10	30	5	5,9	6	80	65,76	87,70
06- 100*3/4	43	14	35	7	5,9	6	100	72,39	96,49
06- 125*3/4	53	16	38	7	5,9	6	125	77,20	102,89
06- 160*3/4	65	18	48	7	7,4	6	160	84,96	113,26
06- 200*3/4	80	22	57	8	9,9	8	200	93,48	124,56
06- 250*3/4	100	25	65	8	9,9	8	250	117,76	157,00
06- 315*3/4	120	32	78	12	11,9	10	310 - 315	198,40	264,53
06- 400*3/4	150	32	88	12	14,9	12	400	240,50	320,67
06- 500*3/4	190	42	97	15	17,3	12	500	542,17	723,80

MEDIDAS ADAPTABLES AL PLATO MARCA TOS - TDG 21 MEASURES ADAPTABLE TO CHUCKS BRAND TOS - TDG 21								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
06- 200*3/4C77	80	22	77	8	9,9	8	200 C=77	169,34	225,80
06- 200*3/4C97			97				200 C=97	208,80	278,37
06- 250*3/4C85	100	25	85	8	9,9	8	250 C=85	165,44	220,58
06- 250*3/4C105			105				250 C=105	212,85	283,81
06- 315*3/4C95	120	32	95	12	11,9	10	315 C=95	264,46	352,62
06- 315*3/4C115			115				315 C=115	298,06	379,42
06- 315*3/4C145			145				315 C=145	340,02	453,35
06- 400*3/4C118	150	32	118	12	14,9	12	400 C=118	349,12	465,52
06- 400*3/4C148			148				400 C=148	409,92	546,58
06- 250*3/4C180	180	25	65	8	9,9	8	250 A=180	228,08	304,10
06- 250*3/4C210	210						250 A=210	254,05	338,71
06- 315*3/4A150	150	32	78	12	11,9	10	315 A=150	238,68	318,22
06- 315*3/4A150C115	150						315 A=150 C=115	372,57	496,77
06- 315*3/4A165	165						315 A=165	178,16	237,55
06- 315*3/4A175	175						315 A=175	258,96	347,15
06- 315*3/4A190	190						315 A=190	270,61	360,81
06- 315*3/4A200	200						315 A=200	276,70	368,95
06- 315*3/4A250	250						315 A=250	328,63	438,19
06- 315*3/4A290	290						315 A=290	401,23	534,99
06- 400*3/4A200	200	32	88	12	14,9	12	400 A=200	305,36	407,17
06- 315*3/4A250	250						400 A=250	357,47	476,64

Soft jaws adaptable to monoblock

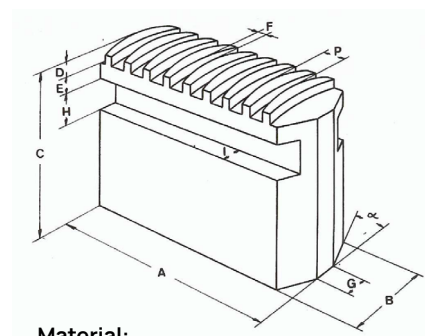
Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MAN MEASURES ADAPTABLE TO CHUCKS BRAND MAN								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
05- 85*3/4	34	12	26	5	4,6	4	85	53,13	70,85
05- 110*3/4	44	15	31	6,5	5,5	5	110	55,50	73,96
05- 135*3/4	54	18	41	8	7,5	6	135	60,11	80,18
05- 160*3/4	64	23	47	8,5	8,2	7	160	78,54	104,67
05- 200*3/4B23	80	23	57	8,5	8	8	200 B=23	93,27	124,37
05- 200*3/4B28	80	28	58	10	8,5	8	200 B=28	93,27	124,37
05- 250*3/4	93	33	66	12	9,9	8	250	120,40	160,56
05- 300*3/4	106	33	75	12	9,9	8	300	174,10	232,14
05- 350*3/4	137	38	86	12	11	10	350	254,77	339,71
05- 400*3/4	140	38	88	12	11	10	400	292,16	389,52
05- 500*3/4	155	42	95	14	13,2	12	500	379,45	505,94
05- 600*3/4	185	42	97	14	13,2	12	600	503,38	671,16

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

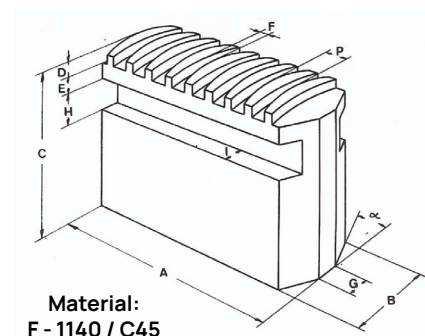


Material:
F - 1140 / C45

MEDIDAS ADAPTABLES AL PLATO MARCA MAN MEASURES ADAPTABLE TO CHUCKS BRAND MAN							3 GARRAS / JAWS	4 GARRAS / JAWS	
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
05- 300*3/4C88	106	33	88	12	9,9	8	300 C=88	200,62	267,50
05- 300*3/4C98			98				300 C=98	224,08	298,75
05- 300*3/4C108			108				300 C=108	250,65	334,20
05- 300*3/4C118			118				300 C=118	264,01	352,05
05- 300*3/4C128			128				300 C=128	279,66	372,88
05- 300*3/4C140			140				300 C=140	315,88	421,18
05- 350*3/4C117	137	38	117	12	11	10	350 C=117	382,99	510,65
05- 350*3/4C127			127				350 C=127	415,43	553,91
05- 400*3/4C147	140		147				400 C=147	461,29	615,05
05- 500*3/4C200	155	42	200	14	13,2	12	500 C=200	673,88	898,51
05- 300*3/4A150	150	33	75	12	9,9	8	300 A=150	243,23	324,31
05- 300*3/4A175	175						300 A=175	276,24	368,31
05- 300*3/4A200	200						300 A=200	302,82	403,77
05- 300*3/4A250	250						300 A=250	346,44	461,93
05- 300*3/4A150C108	150	33	108	12	9,9	8	300 A=150 C=108	321,95	429,28
05- 300*3/4A150C138			138				300 A=150 C=138	346,46	449,16
05- 300*3/4A160C88	160		88				300 A=160 C=88	288,04	384,09
05- 300*3/4A160C98			98				300 A=160 C=98	306,23	408,31
05- 300*3/4A175C98	175		98				300 A=175 C=98	310,98	413,70
05- 300*3/4A225C78	225		78				300 A=225 C=78	326,99	435,97
05- 350*3/4A225	160	38	87	12	11	10	350 A=160	333,10	444,15
05- 350*3/4A200	200						350 A=200	395,92	527,89
05- 350*3/4A200	200						350 A=200	430,54	574,03
05- 350*3/4A250	250						350 A=250	455,28	607,05
05- 500*3/4A240	240	42	95	14	13,2	12	500 A=240	588,52	784,70
05- 600*3/4A200	230		97				600 A=230	575,81	767,76

Soft jaws adaptable to monoblock

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

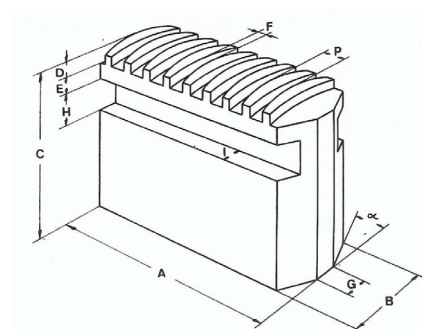


MEDIDAS ADAPTABLES AL PLATO MARCA MK - G MEASURES ADAPTABLE TO CHUCKS BRAND MK - G								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
02- 125*3/4	54	15	42	8	7	6	125	89,46	
02- 160*3/4	70	18	55	10	9,8	8	160	91,10	
02- 200*3/4	85	20	60	10	8,7	8	200	113,90	
02- 250*3/4	100	27	67	10	11	10	250	143,30	
02- 315*3/4	125	32	77	13	14	11	315	215,91	
02- 400*3/4	130	36	87	13	13,5	11	380 - 400	241,41	321,87
02- 500*3/4	180	46	107	18	17	14	500	451,24	
02- 630*3/4	210	50	115	18	18	14	630	568,02	

MEDIDAS ADAPTABLES AL PLATO MARCA MK - G MEASURES ADAPTABLE TO CHUCKS BRAND MK - G								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
02- 200*3/4C68	85	20	68	10	8,7	8	200 C=68	118,02	
02- 200*3/4C78			78				200 C=78	135,41	
02- 200*3/4C88			88				200 C=88	152,76	
02- 200*3/4C98			98				200 C=98	170,13	
02- 250*3/4C78	100	27	78	10	11	10	250 C=78	161,19	
02- 250*3/4C88			88				250 C=88	176,71	
02- 250*3/4C98			98				250 C=98	192,30	
02- 250*3/4C108			108				250 C=108	211,93	
02- 250*3/4C140			140				250 C=140	276,28	
02- 250*3/4C150			150				250 C=150	294,35	
02- 315*3/4C88	125	32	88	13	14	11	315 C=88	238,37	
02- 315*3/4C98			98				315 C=98	265,45	
02- 315*3/4C107			108				315 C=107	292,54	
02- 315*3/4C118			118				315 C=118	319,63	
02- 315*3/4C128			128				315 C=128	328,48	
02- 315*3/4C147			145				315 C=147	338,78	
02- 380-400*3/4C97	130	36	97	13	13,5	11	380 - 400 C=97	293,85	
02- 380-400*3/4C107			107				380 - 400 C=107	324,12	
02- 380-400*3/4C127			127				380 - 400 C=127	384,73	
02- 500*3/4C200	180	46	200	18	17	14	500 C=200	755,43	
02- 250*3/4C140	140	27	67	10	11	10	250 A=140	213,31	
02- 250*3/4C150	150						250 A=150	228,40	
02- 250*3/4C175	175						250 A=175	270,31	
02- 250*3/4C200	200						250 A=200	293,50	
02- 250*3/4A175C85	175		85				250 A=175 C=85	321,34	
02- 315*3/4A150	150	32	77	13	14	11	315 A=150	293,83	
02- 380*3/4A200C127	200	36	127	13	13,5	11	380 - 400 A=200 C=127	501,20	
02- 380*3/4A225	225		87				380 - 400 A=225	327,26	

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



Material:
F - 1140 / C45

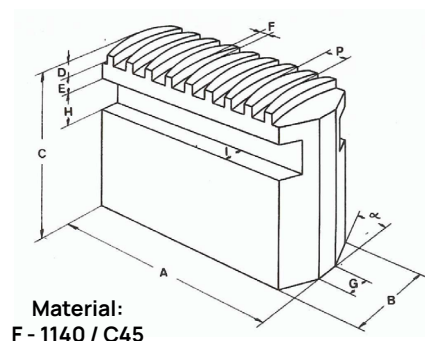
MEDIDAS ADAPTABLES AL PLATO MARCA MK - N MEASURES ADAPTABLE TO CHUCKS BRAND MK - N								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
02- 200*3/4N	85	22	65	10	10,2	8	200	136,79	181,95
02- 250*3/4N	100	27	67	10	12	10	250	164,79	
02- 315*3/4N	130	36	87	13	13,5	12	315	267,21	
02- 380-400*3/4N	140	36	87	13	13,5	12	380 - 400	305,93	
02- 200*3/4NC78	85	22	78	10	10,2	8	200 C=78	163,80	
02- 250*3/4NC98	100	27	98	10	12	10	250 C=98	221,15	
02- 315*3/4NC200	130	36	200	13	13,5	12	315 C=200	261,57	
02- 400*3/4NC97	140	36	97	13	13,5	12	400 C=97	320,92	
02- 315*3/4NC200	200	36	87	13	13,5	12	315 C=200	362,08	

MEDIDAS ADAPTABLES AL PLATO MARCA TDG. MA MEASURES ADAPTABLE TO CHUCKS BRAND TDG. MA								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
04- 85*3/4	33	10	27	5	4	4,5	85	85,33	113,83
04- 102*3/4	42	14	35	6,75	5,9	5	102	102,21	136,43
04- 127*3/4	46	14	45	6,5	6	6	127	110,88	147,86
04- 152*3/4	58	18,2	45	7,45	6,5	6	152	123,71	164,94
04- 190*3/4	70	19,6	55	9	8	7	190	134,38	179,17
04- 230-265*3/4	90	22,4	61	11,5	8,5	8,55	230 - 265	163,98	218,66
04- 320*3/4	106	27	77	11,5	9,5	10	320	260,08	346,75
04- 485*3/4	150	32	87	13	12	12,5	485	332,50	443,36

MEDIDAS ADAPTABLES AL PLATO MARCA LADNER MEASURES ADAPTABLE TO CHUCKS BRAND LADNER								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
14- 125*3/4	50	18	43	8	7	6,5	125	106,56	142,14
14- 160*3/4	61	20	48	9	8	8	160	108,74	144,95
14- 200*3/4	78	23	58	10	9	9	200 - 215	123,35	164,46
14- 250*3/4	96	25	68	12	9	9	250	157,63	210,17
14- 300*3/4	108	28	78	13	9	9	300	181,09	241,47
14- 315*3/4	115	33	78	13	9	9	315	268,71	358,27
14- 350-400*3/4	130	37	87	14	10	10	350 - 400	329,54	439,37
14- 500*3/4	165	48	98	15	12	12	500	526,47	701,95

Soft jaws adaptable to monoblock

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



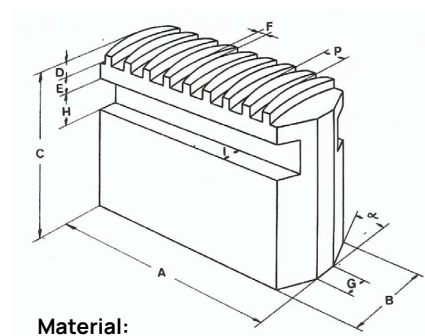
MEDIDAS ADAPTABLES AL PLATO MARCA ROHM MEASURES ADAPTABLE TO CHUCKS BRAND ROHM							3 GARRAS / JAWS	4 GARRAS / JAWS				
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€				
07- 85-85*3/4	37	12	28	4,5	4,8	4,5	80 - 85	69,82	93,11			
07- 100-110*3/4	48	14	35	6	6,3	6	100 - 110	76,80	102,39			
07- 125*3/4	52	18	42	7	7,3	6	125	82,59	110,10			
07-140*3/4	62	18	47	7	8	6	140	88,55	118,12			
07-160*3/4	62	18	47	7	8,3	8	160	88,55	118,12			
07-200*3/4	70	20	55	8	8,2	8	200	106,03	141,39			
07-250*3/4	92	24	67	10	10,3	10	250	137,01	182,72			
07- 315-400*3/4	130	34	85	15	11,3	10	315 - 350 - 400	231,14	308,21			
07-500-630*3/4	190	42	97	15	14,8	10	500 - 630	458,35	308,21			
07-200*3/4C78	70	20	78	8	8,2	8	200 C=78	131,41	175,21			
07-200*3/4C98			98				200 C=98	165,09	220,12			
07-200*3/4C115			115				200 C=115	196,27	261,70			
07-200*3/4C135			135				200 C=135	227,43	303,26			
07-250*3/4C98	92	24	98	10	10,3	10	250 C=98	183,95	245,28			
07-250*3/4C127			127				250 C=127	284,96	379,93			
07- 315-400*3/4A107	130	34	107	10	10,3	10	315 - 400 C=107	305,77	407,69			
07- 315-400*3/4A200	200		85				315 - 400 A=200	324,30	432,41			
07- 315-400*3/4A250	250						315 - 400 A=250	370,63	494,17			

MEDIDAS ADAPTABLES AL PLATO MARCA MEEHANITE CHIANDAO MEASURES ADAPTABLE TO CHUCKS BRAND MEEHANITE CHIANDAO								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
08- 165*3/4	65	19	47	8,2	8,2	7,26	165	97,82	130,40
08- 230*3/4B24	87	24	67	11,45	11	8,46	230 B= 24	147,19	197,06
08- 230*3/4B28	90	28	67	11,5	11	8,46	230 B= 28	147,19	197,06
08- 275*3/4	90	28	67	11,5	11	8,46	275	147,19	197,06
08- 315*3/4	115	29,95	85	16	13,5	10,16	315	233,16	310,87

MEDIDAS ADAPTABLES AL PLATO MARCA P.C. MEASURES ADAPTABLE TO CHUCKS BRAND P.C.								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
09- 125*3/4	57	16	47	8	7	6	125	90,45	126,63
09- 160*3/4	70	18,5	56	10	9	8	160	93,56	130,97
09- 200*3/4	85	22	65	10	10,2	8	200	116,97	163,75
09- 250*3/4	100	27	68	10	11	10	250	147,18	206,09
09- 315*3/4	130	36	87	13	12,8	11	315	250,31	350,87

Garras blandas adaptables monoblok

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



Material:
F - 1140 / C45

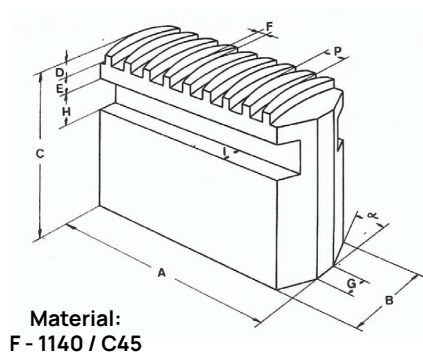
MEDIDAS ADAPTABLES AL PLATO MARCA ECIA MEASURES ADAPTABLE TO CHUCKS BRAND ECIA								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
12- 115*3/4	53	15	42	7	7	6,35	115	128,81	171,73
12- 141*3/4	58	15	42	7	7	6,35	141	157,13	209,45
12- 160*3/4	67	18	46	7	7	6,35	160	157,13	209,45
12- 190-210*3/4	87	24	57	10	9,85	8	190 - 210	157,13	209,45
12- 240*3/4	104	24	63	10,9	9,8	9,5	240	188,82	251,79
12- 275*3/4	114	30	66	11	9,9	9,5	275	250,61	336,82
12- 320*3/4	130	33	86	13	13,2	11,1	320	370,46	493,96

MEDIDAS ADAPTABLES AL PLATO MARCA TARRACO MEASURES ADAPTABLE TO CHUCKS BRAND TARRACO								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
13- 85*3/4	38	11	30	6	4,3	6	85	98,62	
13- 110*3/4	44	16	35	6	5,8	6	110	71,66	95,56
13- 135*3/4	58	16	45	8	6,8	6	135	81,71	108,90
13- 160*3/4	68	20	45	8	8	8	160	88,03	117,36
13- 190*3/4	78	20	47	8	8	8	190	112,01	149,37
13- 230*3/4	86	24	61	10	10,3	10	230	143,91	191,85
13- 270*3/4	97	26	67	10,8	10,5	10	270	158,54	211,40
13- 310*3/4	112	26	77	10,8	10,5	10	310	188,30	251,05

MEDIDAS ADAPTABLES AL PLATO MARCA PLATO RUSO - BELAR MEASURES ADAPTABLE TO CHUCKS BRAND PLATO RUSO - BELAR								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
11- 200*3/4	85	28	61	10,5	9,3	8	200	111,69	148,91
11- 250*3/4	105	28	67	12	11	10	250	147,51	196,71
11- 315*3/4	125	32	78	12	12,7	11	315	284,31	304,32
11- 350*3/4	130	36	87	13	12,8	11	350	270,77	379,11
11- 380*3/4	145	36	95	12	15	10	380 - 400	323,44	431,26
11- 400*3/4	145	36	87	12	14,6	10	400	315,04	420,05

Soft jaws adaptable to monoblock

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α

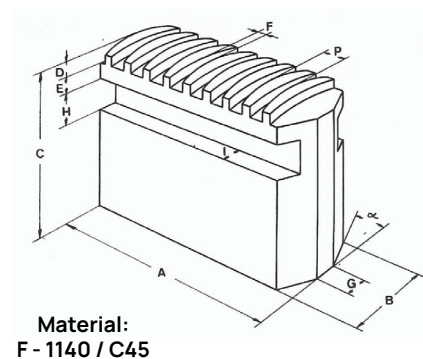


MEDIDAS ADAPTABLES AL PLATO MARCA BURNERD MEASURES ADAPTABLE TO CHUCKS BRAND BURNED								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
10-82*3/4	32	9,4	28	4,8	4,5	4,25	82	78,09	102,87
10-102*3/4B14,1P5	42	14,1	35	4,85	4,8	5,08	102	84,26	112,37
10-102*3/4	42	14	35	7	6	6	102 B= 14	84,26	112,37
10-125*3/4	50	15,72	38	8	6,75	6,35	125	86,85	112,37
10-160*3/4B18,8	65	18,8	45	8	7	6,35	160 B= 18,8	102,63	136,79
10-160*3/4B18	67	18	47	7,1	7,4	6	160 B= 18	102,63	136,79
10-190*3/4	75	20,63	53	9,5	8,5	8,46	190	116,16	154,91
10-200*3/4	80	22	57	8,1	9,8	8	200	116,16	154,91
10-230*3/4	80	25	65	9,7	8,5	8,46	230	138,57	184,75
10-230-250*3/4	90	25,4	65	9,5	8,2	8,46	230 - 250	138,57	184,75
10-250*3/4B25,4	95	25,4	66	11,1	9,4	8,46	250 B= 25,4	147,81	198,25
10-250*3/4B25	110	25	67	8,12	9,7	8	250 B= 25	147,81	198,25
10-308-315*3/4	105	31,35	75	12,9	8,5	8,46	308 - 315	208,50	278,00
10-310*3/4	106	30,16	75	11,45	9,3	8,46	310	208,50	278,00
10-310-315*3/4	110	28,2	75	12,88	9,6	8,46	310 - 315	180,57	240,74
10-315*3/4	125	32	78	12,1	11,9	10	315	234,41	312,56
10-380*3/4	130	30,15	78	11,4	9,3	10,16	380	229,35	305,77
10-460-535*3/4	150	38,1	88	14,3	12,6	12,7	460 - 535	229,35	403,16

MEDIDAS ADAPTABLES AL PLATO MARCA BURNERD MEASURES ADAPTABLE TO CHUCKS BRAND BURNED								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
10-200*3/4C68	80	22	68	8,1	9,8	8	200 C= 68	144,40	191,60
10-200*3/4C87			87				200 C= 87	166,13	221,54
10-200*3/4C97			97				200 C= 97	190,83	254,45
10-200*3/4A110	110		57				200 A= 110	159,84	174,91
10-230*3/4C116	80	25	116	9,7	8,5	8,46	230 C= 116	237,21	316,27
10-200*3/4C78	110	25	78	8,12	8,12	8	250 C= 78	172,11	229,48
10-200*3/4C88			88				250 C= 88	194,13	258,87
10-200*3/4C98			98				250 C= 98	216,23	288,29
10-310-315*3/4C118	110	28,2	118	12,88	9,6	8,46	310 - 315 C= 118	394,88	526,50
10-315*3/4C98	125	32	98	12,1	11,9	10	315 C= 98	267,61	356,80
10-315*3/4C108			108				315 C= 108	288,03	384,06
10-315*3/4A160C98	160		98				315 A= 160 C= 98	381,56	508,76
10-315*3/4A180C110	180		110				315 A= 180 C= 110	488,88	651,83
10-315*3/4A1800C158	180		158				315 A= 180 C= 158	672,37	896,50

Garras blandas adaptables monoblok

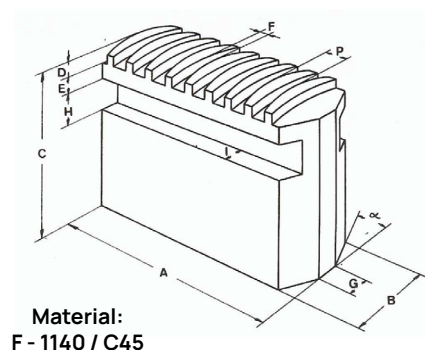
Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



MEDIDAS ADAPTABLES A PLATOS MANUALES MEASURES ADAPTABLE TO SELF-CENTERING CHUCKS								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
36*87*125-P11*4	40	11,75	28	4,3	4,3	3	125	116,79	154,07
70-12*35*33P5	33	12	35	7	6	5	80	116,79	154,07
70-12,2*35*43P6	43	12,2	32	5,6	6,4	6	110	116,79	154,07
70-13,87*37*43	43	13,87	37	7,15	4,9	5	100	116,79	154,07
70-13,9*37*43P5	43	13,92	37	7,12	5	5	100	116,79	154,07
70-14,6*42*53	53	14,64	42	7,18	6,7	6,35	125	116,79	154,07
70-14,9*38*45P6	45	14,88	38	6,32	5,7	6	110	116,79	154,07
70-15*38*42P6	42	15	38	8	6,6	6	100	106,30	141,76
70-15*40*42P6	42	15	40	7,3	6,8	6	100	106,30	141,76
70-15*42*45P6	45	15	42	8	7	6	100	106,30	141,76
70-15*38*45P6	45	15	38	6	6,5	6	100	106,30	141,76
70-15*40*48	48	15	40	5,5	6,4	6,35	125	106,30	141,76
70-15*42*50	50	15	42	5,6	6,5	6,4	125	107,73	143,62
70-16*47*57P6	57	16	47	8	7	6	125	109,09	145,48
70-16*45*57P6	57	16	45	8	7	6	127	109,09	145,48
70-16*45*58P6	58	16	45	8	6,9	6	125	109,09	145,48
70-15,9*46*55P6	55	15,9	46	8,1	5,65	6	125	109,09	145,48
70-15,9*42*50	50	15,95	42	8,3	7,7	6,35	125	109,09	145,48
70-17,87*47*66	66	17,87	47	8,1	6,7	7	160	132,35	176,49
70-18*47*60P8	60	18	47	7	7,8	8	160	132,35	176,49
70-18*45*62	62	18	45	8	7,1	7,5	160	132,35	176,49
70-18*47*62	62	18	47	8	7,5	7,4	160	132,35	176,49
70-18*47*62	62	18	47	8	7,5	7,5	160	132,35	176,49
70-18*45*67P6	67	18	45	7	7,4	6	160	132,35	176,49
70-18*48*70P8	70	18	48	8	10	8	160	132,35	176,49
70-18*55*72P8	72	18	55	8	9,6	8	160	132,35	176,49
70-18,5*55*70P8	70	18,5	55	10	8,4	8	160	132,35	176,49
70-20*45*53P6	53	20	45	8	8	6	160	132,35	176,49
70-20*47*60P7	60	20	47	9	8	7	160	132,35	176,49
70-20*53*65P7	65	20	53	8	8	7	160	132,35	176,49

Soft jaws adaptable to monoblock

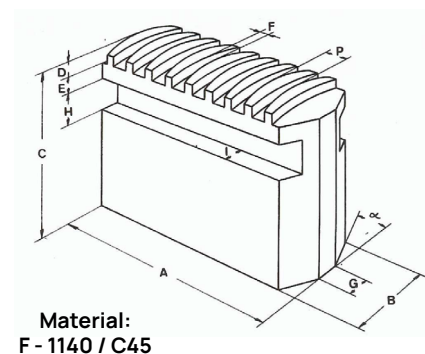
Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



MEDIDAS ADAPTABLES A PLATOS MANUALES MEASURES ADAPTABLE TO SELF-CENTERING CHUCKS								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
70-20*55*65P7	65	20	55	8	8	7	160	132,35	176,49
70-20*47*70	70	20	47	10	8,8	6,78	160	132,35	176,49
70-20*55*70P7	70	20	55	8	8,2	7	160	132,35	176,49
70-20*55*70P8	70	20	55	10	9,1	8	160	132,35	176,49
70-20*55*75P8	75	20	55	8	8	8	190	132,35	176,49
70-20,5*57*78	78	20,5	57	9,5	8,5	8,46	200	132,35	176,49
70-20,5*55*70	70	20,56	55	8,34	8,5	7,26	160	132,35	176,49
70-20,6*55*72	72	20,6	55	9,5	8,5	8,46	200	136,79	182,40
70-21,9*62*70	70	21,9	62	8,3	10,2	7,26	165	136,14	181,51
70-22*58*70	70	22	58	8,12	8,5	7,26	190 (ACM192)	136,14	181,51
70-22*55*75P8	75	22	57	10	10	8,5	200	136,14	185,31
70-22*57*75P846	75	22	57	9,8	9,8	8,46	200	136,14	182,40
70-22*55*75P8	75	22	55	9	8,1	8	200	136,14	182,40
70-22*58*80P8	80	22	58	10	10	8	200	136,14	182,40
70-22*60*85 P86	85	22	60	10	9,7	8,67	200	136,14	182,40
70-22*65*85P8	85	22	65	10	9,7	8	200	136,14	182,40
70-22*65*85P8	85	22	65	10	10	8	200	136,14	182,40
70-22*65*85P8	85	22	65	10	9,9	8	200	136,14	182,40
70-22*57*90	90	22	57	10	9,7	8,5	200	136,14	182,40
70-22*58*90P8,5	90	22	58	10	9,7	8,5	200	136,14	182,40
70-22*58*10	90	22	58	10	9,5	8,5	200 - 250	136,14	182,40
70-22*58*93	93	22	58	10	9,6	8,5	250	139,47	185,92
70-23,7*56*10,3P8	77	23,67	56	10,3	9,7	8	200	139,47	185,92
70-23,8*65*90	90	23,8	65	10	9,7	7,94	250	139,47	185,92
70-23,9*75*90	90	23,95	75	8,07 x 2	8,2	8,46	250	259,44	345,92
70-23,9*75*107	107	23,95	75	8+8	8,2	8,46	300	259,44	345,92
70-24*57*80	80	24	57	9,88	10,5	8,46	200	146,28	195,09
70-24*62*80	80	24	62	9,45	8,2	8,46	250	146,28	195,09
70-24*67*90P8,4	90	24	67	11,35	11,2	8,46	250	153,77	205,04
70-24*67*95P8,4	95	24	67	9,5	8,2	8,46	250	153,77	205,04
70-24,6*62*87P6	87	24,6	62	10,5	9,2	6	240	153,77	205,04
70-25*68*100	100	25	68	12	10,6	10,16	250	166,34	221,79

Garras blandas adaptables monoblok

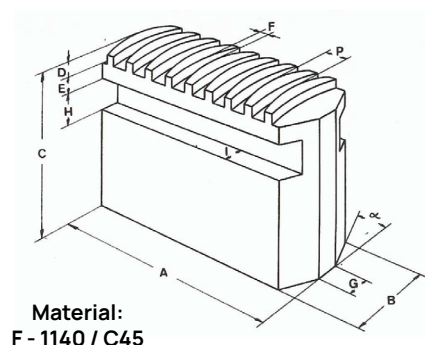
Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



MEDIDAS ADAPTABLES A PLATOS MANUALES MEASURES ADAPTABLE TO SELF-CENTERING CHUCKS								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
70-26*68*125	125	26	68	12	10	8,46	315	225,83	301,14
70-27*68*115	115	27	68	12	8,3	8,46	305	227,43	303,25
70-27,9*67*95	95	27,95	67	13,15	10,8	8,46	240	208,50	277,98
70-28*75*105P10	105	28	75	12	9,4	10	250	173,74	231,65
70-28*78*106P8	106	28	78	8 + 8	9,8	8	250	270,27	360,34
70-28*67*100	100	28	67	11,4	11,2	8,46	270	200,75	267,67
70-28*78*110P10	110	28	78	12,4	9,3	10	315	200,84	267,77
70-28*75*120P11	120	28	75	13	10,4	11	320	228,03	313,19
70-29,9*77*100	100	29,95	77	12,93	12,3	8,46	270	238,11	317,38
70-30*66*114	114	30	66	10	9,8	9,5	275	254,82	339,76
70-30*85*115	115	30	85	16	13,3	10,16	315	244,82	326,42
70-32*87*135P12	135	32	87	12,3	10,5	12	350	244,62	453,91
70-34*75*115P11	115	34	75	15	13,3	11	300	246,52	326,17
70-34*85*125P11	125	34	85	13	13,7	11	315	246,52	326,17
70-34*87*125P11			87	13	14	11	315	246,52	326,17
70-34*87*125P11			87	13	13,4	11	315	246,52	326,17
70-34*92*130P11	130	34	92	13	13,6	11	315	310,66	410,18
70-34*87*160	160	34	87	14	12,7	10,32	500	319,35	425,82
70-34*97*160			97	14	9,5	10,32	500	319,35	425,82
70-34,9*77*116	116	34,95	77	14	14,3	10,16	315	237,82	317,10
70-36*85*125P11	125	36	85	13	13,3	11	315	267,21	356,30
70-36*86*125P11			86	13	13,6	11	315	267,21	356,30
70-36*87*125P11			87	13	13,6	11	315	267,21	356,30
70-36*87*130P11	130	36	87	13	13,6	11	315	269,55	359,40
70-36*88*155	155	36	88	15	13	12,7	380	290,61	387,47
70-36*87*130P11	130	36	87	13	14	11	400	269,55	359,40
70-37,6*85*160P12	160	37,6	85	14	15	12	500	407,70	543,58
70-40*120*190P12	190	40	120	10 + 14	11,5	12	500	505,42	673,88
70-45*117*175P12	175	45	127	16	15	12	500	451,72	602,27
70-45*117*185P14	185	45	117	16	15,9	14	500	451,72	573,59
70-58*127*280P12	280	58	127	16	12,9	12	1100	673,88	898,51

Soft jaws adaptable to monoblock

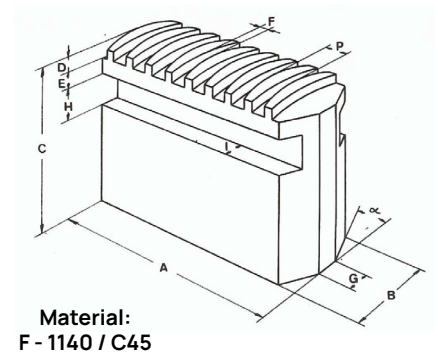
Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



MEDIDAS ADAPTABLES A PLATOS MANUALES MEASURES ADAPTABLE TO SELF-CENTERING CHUCKS								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
70-VERTEX132*3/4	50	15,95	42	8,3	7,7	6,35	VERTEX Ø132	109,09	145,44
70-VERTEX200*3/4	75	22	57	10	9,8	8,46	VERTEX Ø200	153,76	205,00
70-VERTEX250*3/4	100	27	67	10	12	10	VERTEX Ø250	164,79	219,74
70-VER- TEX250/4C98	100	27	98	10	12	10	VERTEX Ø250 C=98	221,15	294,86
44-QUANTUN160*3/4	70	20	57	10	8	8	QUANTUN Ø160	122,31	163,09
44-QUANTUN200*3/4	88	22	61	10	9	8	QUANTUN Ø200	138,61	184,81
44-QUANTUN315*3/4	125	36	87	13	13,6	12	QUANTUN Ø315	267,21	356,30
70-SECOGOLD220	95	22	57	10	9,9	8,46	SECO GOLD Ø220	136,79	182,40
70-SECOGOLD250	100	28,5	67	11,5	11,4	8,45	SECO GOLD Ø250	151,34	201,80
70-SECOG250C87	100	28,5	87	11,5	11,4	8,45	SECO GOLD Ø250 C=87	183,00	244,00
70-SECOGOLD315	120	28,5	77	11,5	11,4	8,46	SECO GOLD Ø315	228,56	304,74
70-SECOGOLD400	160	40	88	16	12	10,16	SECO GOLD Ø400	386,08	514,76
44-OPTIMUM125*3/4	55	16	45	8	6,6	6	OPTIMUM Ø125	109,09	145,57
44-OPTIMUM160*3/4	61	18	47	7	8	8	OPTIMUM Ø160	131,26	175,02
44-OPTIMUM315*3/4	125	36	87	13	13,5	12	OPTIMUM Ø315	267,21	356,30
44-OPTIMUM400*3/4	130	36	87	13	13,5	12	OPTIMUM Ø400	305,93	407,89
44-CURIAL200*3/4	80	22	57	8	7,8	8	CURIAL Ø200	142,47	189,97
44-CURIAL210*3/4	88	25	68	10	9,5	8	CURIAL Ø215	149,32	199,12
44-CURIAL300*3/4	108	30	77	12	9,5	10	CURIAL Ø300	227,14	303,03
70-KOMTAS103*3/4	45	13,8	36	6	6	6	KOMTAS Ø103	115,52	154,02
70-KOMTAS250*3/4	102	24,6	60	10,5	9,2	8	KOMTAS Ø250	166,34	221,80
70-KOMTAS315*3/4	132	31,6	78	12	10,5	8	KOMTAS Ø315	244,62	326,17
70-KOMTAS400*3/4	160	37,6	85	14	15	12	KOMTAS Ø400	407,70	543,58
47-200*3/4	80	24	57	9,85	10,4	8,46	STRONG Ø200	140,48	196,70
47-230*3/4	87	24	67	11,2	11,2	8,46	STRONG Ø230	140,48	196,70
47-315*3/4	115	29,95	85	16,3	13,2	10,16	STRONG Ø315	227,26	318,18
47-200*3/4	77	21,5	57	9,8	10,4	8,46	AutoSTRONG Ø200	126,50	177,08
47-200*3/4C67	77	21,5	67	9,8	10,4	8,46	AutoSTRONG Ø200 C=67	144,87	202,80
47-230*3/4P8,46	80	24	57	9,8	10,5	8,46	AutoSTRONG Ø230	140,48	196,70
47-250*3/4P8,46	95	27,96	67	11,3	11,25	8,46	AutoSTRONG Ø250	148,76	208,30
47-SK12*3/4	116	34,95	77	14	14,3	10,16	AutoSTRONG SK-12	226,50	317,10
47-405*3/4	150	42	105	18	17,7	10,16	AutoSTRONG Ø405	409,14	572,80
86-160*3/4	66	19,8	48	8,4	7,6	8	AMESTRA Ø160	124,87	174,79
86-200*3/4	82	26	62	10	10	8	AMESTRA Ø200	136,48	191,04
86-200-215*3/4	80	28	58	10	9,3	8	AMESTRA Ø200 - 215	136,48	191,04
86-600*3/4	180	50	100	13,3	13,3	12	AMESTRA Ø600	544,66	762,48
70-MRP160*3/4	60	17,85	47	7,7	7,7	6,26	M R P Ø160	126,05	176,49
70-MRP200*3/4	75	20	57	10	9	6,8	M R P Ø 200	126,83	177,55
70-MRP237*3/4	85	22	57	9,6	9,6	8	M R P Ø237	135,69	189,97
70-MRP320*3/4	115	27,95	68	11	11	10	M R P Ø320	193,76	271,24

GARRAS BLANDAS ADAPTABLES MONOBLOK

Mod. TGB N°7												
A	B	C	D	E	F	G	H	I	J	K	P	α



MEDIDAS ADAPTABLES A PLATOS MANUALES MEASURES ADAPTABLE TO SELF-CENTERING CHUCKS								3 GARRAS / JAWS	4 GARRAS / JAWS
CÓDIGO	A	B	C	H	D + E	P	Ø PLATO CHUCK Ø	€	
70-15*42*54P6	54	15	42	8	7	6	YANTAI Ø125	107,31	143,07
70-MPT160*3/4	60	18	47	8	6,5	6	M. P. T. Ø160	132,35	176,49
70-ARIEN160	70	18	55	8	10	8	ARIEN - Ø160	132,35	176,49
	77	20,9	57	10,1	6,9	8	KLOFER Ø125	132,35	176,49
70-AROWA200*3/4	72	21	56	10	7,9	7,85	AROWA Ø200	132,35	176,49
70-GS190*3/4	77	21,45	57	9,8	10,4	8,46	GOLDEN SUN Ø190	132,35	176,49
70-GS190*3/4 C77			77				GOLDEN SUN Ø190 C=77	160,18	213,58
70-BERGAMAM195*3/4	75	21,95	53	10,32	7,8	7,26	BERGMANS Ø195	132,82	177,08
70-GEPEDE 200*3/4	75	22	57	10	8,4	8,5	GEPEDE Ø200	138,97	185,29
70-22*60*70 P72	70	22	60	8	8,7	7,26	S. C. A. Ø200	138,97	185,29
70-JIANHUA200*3/4	85	22	65	10	9,8	8	JIAN HUA Ø200	142,75	190,34
70-LMC 200*3	80	24	58	9,8	10,7	8,46	LMC Ø200	146,29	195,09
70-HELIOT.250*3/4	100	25,8	67	10,4	9,6	10	HELIOT Ø250	226,59	302,16
74-CHANDOX-MC10	90	28	67	11,4	11,2	8,46	CHANDOX MC - 10		252,70
70-FPA250*3/4	96	28	68	12	10	9	FPA Ø250-168	184,53	258,32
27-273*3/4	105	28	67	12,3	11	8,46	SANCHULLY Ø273	191,19	267,67
27-310*3/4	125	32	77	16,3	13,3	10,16	SANCHULLY Ø310	224,63	314,47
70-ZITHER250*3/4	100	29	68	13,15	10,7	8,46	ZITHER Ø250	191,19	267,68
74-GDB10DAKTG21	100	32	67	11,4	11,2	8,46	CHANDOX DAKT - 10	173,55	242,96
70-PLATICUN315*3/4	130	34	87	13	13,3	11	PLA - TIN - CUN Ø315	236,67	331,35
70-STAS400*3/4	140	35,95	87	15	11,6	10	STAS Ø400	295,83	414,15
70-VACHETE*3/4	140	36	87	12,4	10,9	12	VACHETE Ø400	272,10	380,95
70-FUERDA325*3/4	130	36	87	13	13	11	FUERDA Ø325	256,71	359,41
70-FUERDA325*3/4C97	130	36	97	13	13	11	FUERDA Ø325 C=97	292,89	410,05
70-FUERDA N-400	138	36	87	13	13,5	11	FUERDA N - 400	283,99	397,58
70-PCTMM03-380	145	36	95	12	15	10	PCT MM03 Ø380-400	347,39	486,35
70-B.G.380*3/4	135	38	88	13,28	16	10	B.G. Ø380	347,39	486,35
70-HORTON380*3/4	140	39,5	97	15,9	14	10,16	HORTON Ø380	467,97	655,16
70-NILES 600*3/4	205	45,95	107	15	13,8	13	NILES Ø600	544,66	762,48
74-CHANDOX500	180	52	117	22,5	21,5	14,1	CHANDOX Ø500	545,52	763,74

OTROS PRODUCTOS GAMOR

Tope para Caña de Torno

Rango Apertura Ø min. - Ø max.	€
20 - 27	167,39
25 - 33	183,03
32 - 41	202,49
40 - 50	220,68
48 - 60	228,50
58 - 76	295,56
75 - 96	329,67
94 - 110	373,73

Útil herramienta auxiliar adecuada para tornos con husillo/caña. Incluso para los pequeños.

El sistema consigue que las piezas a torner estén en la posición necesaria, y la repetición de la posición, se realice de manera, rápida, precisa y cómoda.

- Los costes de colocación de piezas, se reducen al mínimo.
- Rápido y de fácil fijación en cualquier posición del hueco del husillo/caña del trono.
- Ideal para producción en serie.

MODO DE USO

Apretando la llave, las mordazas integradas en el eje, presionan contra las paredes del husillo (Caña) del torno, quedando el tope fijado; de modo que tenemos un asiento seguro y garantizado.



Accesorios de Torneo

Plato MANUAL 3 Garras									
Para Platos	E Ø mm	A Ø mm	B mm	H mm	Rangos de ajuste mm	Maximo apriete (kN)	Velocidad Max.	kg	Order no.
Ø125-200	100	170	26	61	56-124 / 134-200	14,7	800	3	DP3-200 682,50€
Ø160-250	125	200	26	61	85-150 / 170-230	14,7	700	4	DP3-250 735,00€
Ø200-315	160	160	31	80	100-190 / 220-300	14,7	600	6	DP3-315 892,50€

Plato HIDRAULICO 3 Garras									
Para Platos	B mm	A mm	E mm	D mm	C mm	F mm	G mm	kg	Order no.
205	12	140	60	12	28	9	13	2	DKF-05 291,27€
206	12	168	80	12	32	9	16,5	2	DKF-06 313,21€
208	12	218	115	15	36	9	18,5	3	DKF-08 349,44€
210	12	258	150	17	40	9	18,5	4	DKF-10 379,99€
212	15	316	188	21	50	9	22,5	6	DKF-12 586,74€
215	20	380	230	23	52	16	31	11	DKF-15 1113,84€

Topes para Platos		
Medidas mm	Order no.	
15	DFA-15	95,55€
20	DFA-20	96,60€
25	DFA-25	99,75€
30	DFA-30	103,95€
35	DFA-35	106,05€
Set (15, 20, 25, 30, 35)	DFA-SATZ	472,50€

Para la sujeción de piezas cortas

- Se fija con 3 imanes en el cuerpo del plato
- Precisión de posición +- 0,01
- Para piezas de Ø15 - Ø130mm

Material: Aluminio

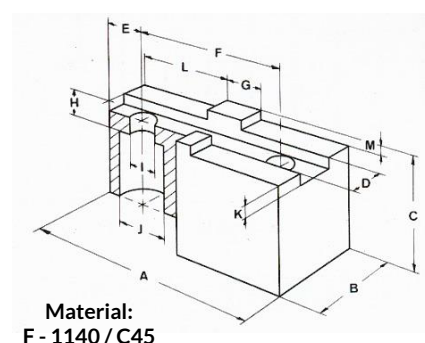
04.

Garras Blandas
Postizas
Soft Top Jaws

Garras blandas postizas
hidraulicas adaptables

Hydraulic Adaptable
Soft top Jaws

Mod. TGB N°8												
A	B	C	D	E	F	G	H	I	J	K	L	M

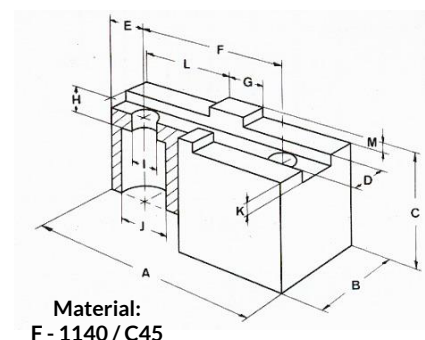


GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND							ROHM - AUTOBLOK		
CÓDIGO	A	B	C	D	G	F	Ø PLATO CHUCK Ø		€
16-KNCS-N140C45	69	20	45	8	18	32	AUTOBLOK KNCS - N 140 - 35	WAK 140 - 10	78,42
16-KNCS-N140C60			60						94,31
16-KNCS-N170C45	85	20	45	8	18	32	ROHM DURO - NC 140 - 160 - 175 AUTOBLOK KNCS - N 170 - 43	WAK 160 - 10	78,42
16-KNCS-N170C60			60						94,31
16-KNCS-N170C70			70						110,00
16-KNCS-N210C45	105	25	45	10	20	40	ROHM DURO - NC 200 AUTOBLOK KNCS - N 210 - 52 AUTOBLOK KNCS - N 225 - 65	WAK 200 - 10	83,52
16-KNCS-N210C60			60						100,22
16-KNCS-N210C80			80						133,61
16-KNCS-N260C55	125	32	55	12	20	40	ROHM DURO - NC 250 AUTOBLOK KNCS - N 260 - 78 AUTOBLOK KNCS - N 275 - 86 AUTOBLOK KNCS - N 315 - 91 AUTOBLOK KNCS - N 325 - 104 AUTOBLOK KNCS - N 340 - 117	WAK 250 - 10	104,45
16-KNCS-N260C60			60						125,91
16-KNCS-N260C65			65						116,58
16-KNCS-N260C75			75						128,26
16-KNCS-N260C85			85						147,10
16-KNCS-N260C95			95						159,66
16-KNCS-N260C105			105						172,18
16-KNCS-N260C127			127						197,86
16-KNCS-N260C170			170						263,13
16-KNCS-N325C60	125	50	60	12	20	40	AUTOBLOK KNCS - N 260-78 AUTOBLOK KNCS - N 275-86 AUTOBLOK KNCS - N 315-91 AUTOBLOK KNCS - N 325-104 AUTOBLOK KNCS - N 340-117 KNCS - NB 275-86 KNCS - NB 325-104 KNCS - NB 340-117	WAK 325 - 10	161,63
16-KNCS-N325C90			90						242,38
16-KNCS-N325C100			100						269,35
16-KNCS-N325C127			127						342,11
16-KNCS-N400C58	145	35	58	12	26	54	ROHM DURO - NC 315 AUTOBLOK KNCS - N 400 - 128	WAK 400 - 10	175,13
16-KNCS-N400C68			68						187,02
16-KNCS-N400C78			78						208,31
16-KNCS-N400C98			98						241,06
16-KNCS-N400C115			115						291,92
16-KNCS-N500C78	180	45	78	18	30	60	ROHM DURO - NC 400 - 500 AUTOBLOK KNCS - N 500 - 155 AUTOBLOK KNCS - N 630 - 165	WAK 500 - 10	249,98
16-KNCS-N500C95			95						289,20
16-KNCS-N500C107			107						325,72
16-KNCS-N500C117			117						353,14
16-KNCS-N500C125			125						380,49
	250	45	78	18	30	60			346,42

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Soft jaws adaptable to monoblock

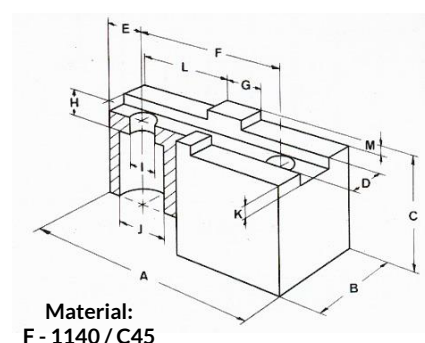
Mod. TGB N°8												
A	B	C	D	E	F	G	H	I	J	K	L	M



GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND							ROHM - AUTOBLOK						
CÓDIGO	A	B	C	D	G	F	Ø PLATO CHUCK Ø		€				
16-WAKS-140-10	63	35	40	8	18	32	AUTOBLOK KNCS 140	WAKS 140-10	77,56				
16-WAKS 140-10A	85						AUTOBLOK KNCS 140 A=85	WAKS 140-10	76,53				
16-WAKS-160-10	85	30	50	8	18	32	ROHM DURO 140-160-175 AUTOBLOK KNCS 170	WAKS 160-10	95,81				
16-WAKS-160-22	70	30	40					WAKS 160-22	81,82				
16-WAKS-160-30	70	35	80					WAKS 160-30	120,75				
16-WAKS-200-10	100	30	55	10	20	40	ROHM DURO 200 AUTOBLOK KNCS 210-225	WAKS 200-10	107,81				
16-WAKS-200-20	100	30	70					WAKS 200-20	121,02				
16-WAKS-200-30	70	40	40					WAKS 200-30	85,51				
16-WAKS-200-31	90	40	60					WAKS 200-31	118,15				
16-WAKS-200-32	95	40	80					WAKS 200-32	143,69				
16-WAKS-200-33	100	40	50					WAKS 200-33	106,13				
16-WAKS-200-35	105	45	45					WAKS 200-35	104,52				
16-WAKS-200-36	90	60	50					WAKS 200-36	128,35				
16-WAKS-250-10	125	40	60	12	20	40	ROHM DURO – NC 250 AUTOBLOK KNCS 260 AUTOBLOK KNCS 275 AUTOBLOK KNCS 315 AUTOBLOK KNCS 325 AUTOBLOK KNCS 340	WAKS 250-10	134,10				
16-WAKS-250-11			80					WAKS 250-11	152,24				
16-WAKS-250-14			75					WAKS 250-14	165,55				
16-WAKS-250-15		45	105					WAKS 250-15	203,13				
16-WAKS-250-16	90	40	60					WAKS 250-16	127,07				
16-WAKS-250-17	125	45	55					WAKS 250-17	131,93				
16-WAKS-250-18	90	40	80					WAKS 250-18	144,32				
16-WAKS-250-20		60	60					WAKS 250-20	174,11				
16-WAKS-250-22	110		80					WAKS 250-22	191,80				
16-WAKS-250-23	60	80	WAKS 250-23					195,77					
16-WAKS-250-24	60	95	WAKS 250-24					243,23					
16-WAKS-250-25	125		58					WAKS 250-25	243,23				
16-WAKS-250-26	78		WAKS 250-26					275,04					
16-WAKS-400-10	110	40	60					12	26	54	ROHM DURO – NC 315 AUTOBLOK KNCS 400	WAKS 400-10	131,86
16-WAKS-400-11	60		WAKS 400-11									145,66	
16-WAKS-400-12	100		WAKS 400-12 1									187,50	
16-WAKS-400-13	118		WAKS 400-13	220,97									
16-WAKS-400-14	146		WAKS 400-14	273,46									
16-WAKS-400-15	100	50	95	WAKS 400-15	208,00								
16-WAKS-400-18	125	60	60	WAKS 400-18	175,49								
16-WAKS-400-21	110	60	80	WAKS 400-21	195,77								
16-WAKS-400-22			98	WAKS 400-22	215,87								
16-WAKS-400-23	145	60	95	WAKS 400-23	256,49								
16-WAKS-400-24	125	58	95	WAKS 400-24	243,23								
16-WAKS-400-30	100	78	70	WAKS 400-30	197,05								
16-WAKS-400-31	125	78	95	WAKS 400-31	274,20								

★ Precio por juego de 3 garras / Prices for sets of 3 jaws

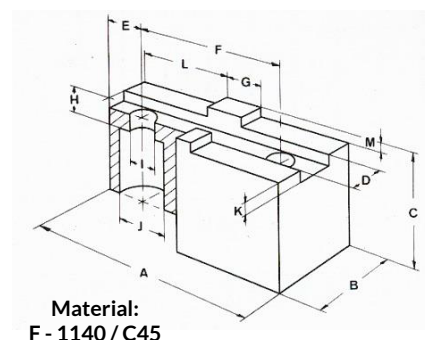
Mod. TGB N°8												
A	B	C	D	E	F	G	H	I	J	K	L	M



GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND							ROHM - AUTOBLOK		
CÓDIGO	A	B	C	D	G	F	Ø PLATO CHUCK Ø	€	
16-WAKS-500-10	155	60	80	18	30	60	ROHM DURO-NC 400-630 AUTOBLOK KNCS 500 AUTOBLOK KNCS 630	WAKS 500-10	248,22
16-WAKS-500-12	155	60	118					WAKS 500-12	316,92
16-WAKS-500-13	130	60	125					WAKS 500-13	309,58
16-WAKS-500-14	130	64	84					WAKS 500-14	247,64
16-WAKS-500-15	155	64	135					WAKS 500-15	353,78
16-WAKS-500-16	155	50	168					WAKS 500-16	375,91
16-WAKS-500-17	130	78	117					WAKS 500-17	411,22
16-WAKS-500-18	180	60	80					WAKS 500-18	245,69
16-WAKS-500-19	155	78	157					WAKS 500-19	521,48
16-WAKS-500-20	155	80	80					WAKS 500-20	270,95
16-WAKS-500-21	155	78	96					WAKS 500-21	332,72
16-WAKS-500-22	180	80	80					WAKS 500-22	283,77
16-WAKS-500-23	180	78	95					WAKS 500-23	346,41
16-WAKS-500-24	180	78	107					WAKS 500-24	395,06
16-WAKS-500-25	180	60	117					WAKS 500-25	339,06
16-WAKS-500-26	180	60	160					WAKS 500-26	501,20
16-WAKS-500-27	180	60	200					WAKS 500-27	619,12
16-WAKS-500-28	180	90	78					WAKS 500-28	317,09
16-WAKS-500-29	130	88	125					WAKS 500-29	342,00
16-WAKS-500-30	130	88	81					WAKS 500-30	304,18
16-WAKS-500-31	150	98	78					WAKS 500-31	325,71
16-WAKS-500-35	180	98	125					WAKS 500-35	493,84

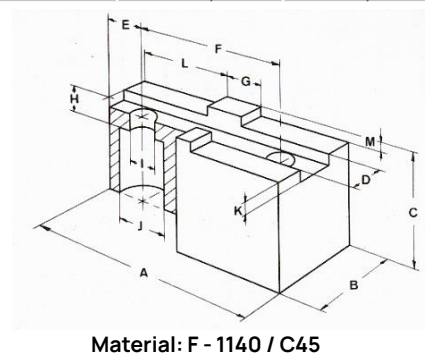
* Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGB N°8												
A	B	C	D	E	F	G	H	I	J	K	L	M



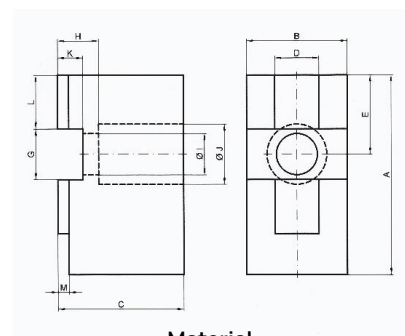
BISON - GAMOR UNIVERSALES BISON - GAMOR SELF-CENTERING								3 GARRAS / JAWS	4 GARRAS / JAWS			
CÓDIGO	A	B	C	D	G	F	Ø PLATO CHUCK Ø	€				
01-GBP125	64	22	38	7,95	12,7	32	BISON 125	85,96	114,40			
01-GBP160	78	25	45	7,95	12,7	38,1	BISON 160	85,82	114,40			
01-GBP160C60			60				BISON 160 C=60	99,32	132,44			
01-GBP200C88	90	27	47	7,95	12,7	44,5	BISON 200	96,33	128,46			
01-GBP200C88			88				BISON 200 C=88	162,92	217,23			
01-GBP250	106	32	56	12,7	19	54	BISON 250	132,37	176,53			
01-GBP250C117			117				BISON 250 C=117	223,92	298,56			
01-GBP250A150	150	32	56				BISON 250 A=150	150,57	200,75			
01-GBP250A200	200						BISON 250 A=200	190,24	253,66			
01-GBP315	120	36	57	12,7	19	63,5	BISON 315	193,15	257,53			
01-GBP315A150	150						BISON 315 A=150	220,62	294,15			
01-GBP400	140	40	70	12,7	19	76,2	BISON 400	236,53	315,39			
01-GBP400C100			100				BISON 400 C=100	281,39	375,21			
01-GBP400C147			147				BISON 400 C=147	341,10	454,81			
01-GBP500	140	42	85	12,7	19	76,2	BISON 500	295,59	394,12			
01-GBP500C97			97				BISON 500 C=97	347,47	463,28			
01-GBP630	160	52	85	12,7	19	76,2	BISON 630 – 800	370,11	493,51			

Mod. TGB N°8												
A	B	C	D	E	F	G	H	I	J	K	L	M



GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND								BISON INDEPENDIENTE INDEPENDENT CHUCKS	
CÓDIGO	A	B	C	D	G	F	Ø PLATO CHUCK Ø	€	
01-GBP 4300-200	90	35	47	7,95	12,7	44,5	BISON 4300 - 200	141,49	
01-GBP 4300-250	106	35	57	12,7	19	54	BISON 4300 - 250	185,11	
01-GBP 4300-315	120	42	67	12,7	19	63,5	BISON 4300 - 315	286,28	
01-GBP 4300-400	141	42	67	12,7	19	76,2	BISON 4300 - 400	298,55	
01-GBP 4300-500	145	54	85	12,7	19	76,2	BISON 4300 - 500	502,63	
01-GBP 4300-630	145	54	87	12,7	19	76,2	BISON 4300 - 630	533,69	
01-GBP 4300-800	160	68	95	12,7	19	76,2	BISON 4300 - 800	683,34	

Mod. TGB N°9												
A	B	C	D	E	F	G	H	I	J	K	L	M

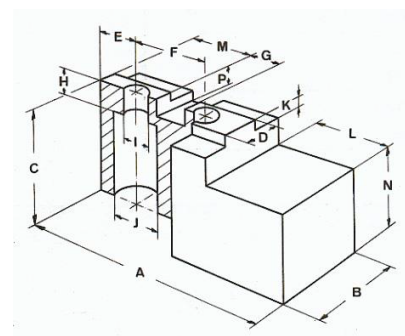


Material:
F - 1140 / C45

GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO GALVEZ - HIDRAM SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND GALVEZ - HIDRAM									
CÓDIGO	A	B	C	D	G	L	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
18-GBF-8	37	16	25	8	10	6,5	GBF 8	80 ACT	41,15
18-GBF-10	51	25	40	12	12	13	GBF 10	100 ASC / KSC	41,20
18-GBF-12	63	32	43	16	16	17	GBF 12	125 ASC / KSC	43,43
18-GBF-16	84	40	50	18	18	23	GBF 16	160 ASC / KSC	64,91

* Precio por juego de 2 garras / Prices for sets of 2 jaws

Mod. TGB N°10														
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P

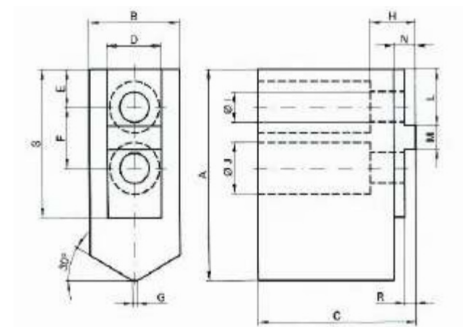


Material:
F - 1140 / C45

GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO GALVEZ - HIDRAM SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND GALVEZ - HIDRAM									
CÓDIGO	A	B	C	D	G	F	MOD. GARRA / JAW	Ø PLATO CHUCK Ø	€
18-GBF-11	57	30	40	10	10	20	GBF 11	108 ACTS / KSC-T	43,43
18-GBF-14	70	30	40	12	12	25	GBF 14	140 ACTS / KSC-T	45,60
18-GBF-17	88	32	45	12	12	30	GBF 17	170 ACTS / KSC-T	53,71
18-GBF-20	88	45	50	14	14	40	GBF 20	200-250 ACTS / KSC-T	63,19

* Precio por juego de 2 garras / Prices for sets of 2 jaws

Mod. TGB N°11														
A	B	C	D	E	F	G	H	I	J	L	M	N	R	S



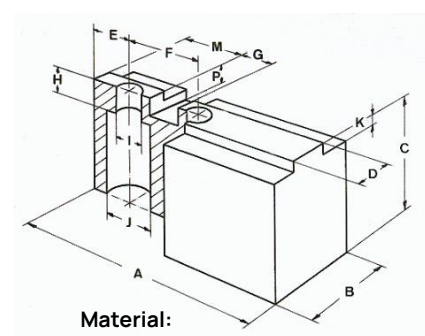
Material:
F - 1140 / C45

GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO ROHM
SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND ROHM

CÓDIGO	A	B	C	D	F	G	M	Ø PLATO MARCA BRAND CHUCK Ø	€
66-GBP90*3KFN25	45	20	25	16	8	13	5	ROHM KFN 90/3 C=25	56,12
66-GBP90*3KFN35			35					ROHM KFN 90/3 C=35	57,46
66-GBP90*3KFN50			50					ROHM KFN 90/3 C=50	74,68
66-GBP90*3KFN70			70					ROHM KFN 90/3 C=70	106,48
66-GBP90*3KFN75			75					ROHM KFN 90/3 C=75	108,49

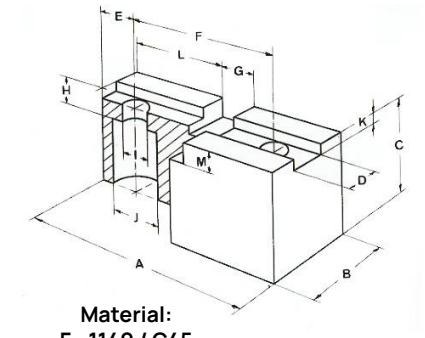
* Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGB N°12														
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P



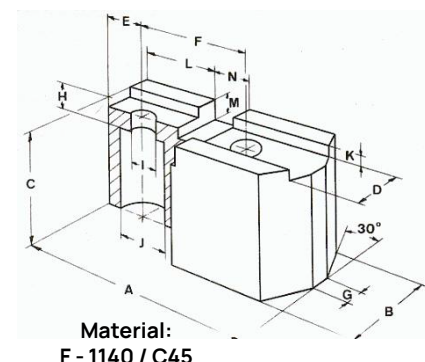
Material:
F - 1140 / C45

Mod. TGB N°13														
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P



Material:
F - 1140 / C45

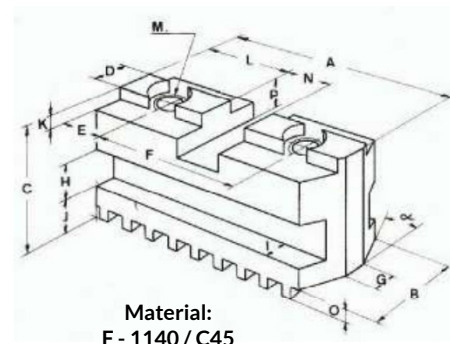
Mod. TGB N°14														
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Material:
F - 1140 / C45

Mod. TGD N°19

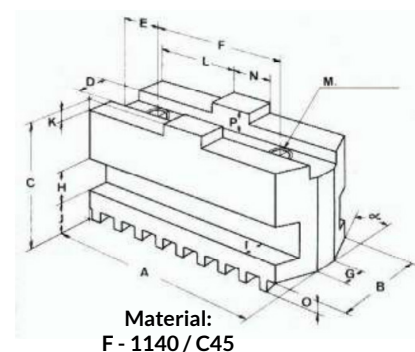
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P


 GARRAS BLANDAS POSTIZAS ADAPTABLES AL PLATO BISON+MK-LG
 SOFT TOP JAWS ADAPTABLE TO CHUCKS BRAND BISON+MK-LG
3 GARRAS /
JAWS4 GARRAS /
JAWS

CÓDIGO	A	B	C	D	F	H	N	M	Ø PLATO MARCA BRAND CHUCK Ø	€	
34-GDB 125*3/4	54	20	28	7,94	32	8	12,69	M8	125	222,03	363,94
34-GDB 160*3/4	65	20	29	7,94	38,1	8	12,69	M10	160	228,60	292,04
34-GDB 200*3/4	79	25	33	7,94	44,5	10	12,69	M10	200	247,19	308,44
34-GDB 250*3/4	92	28	36	12,7	54	12	19,04	M12	250	278,25	411,25
34-GDB 315*3/4	110	32	40	12,7	63,5	12	19,04	M12	315	406,94	610,31
34-GDB 400*3/4	130	36	49	12,7	76,2	14	19,04	M16	400	534,47	648,60
34-GDB 500*3/4	166	40	54	12,7	76,2	14	19,04	M20	500	724,06	1179,07
34-GDB 630*3/4	210	50	54,5	12,7	76,2	14	19,04	M20	630	1146,25	1473,29
34-GDB 800*3/4	225	50	54,5	12,7	76,2	14	19,04	M20	800	1246,06	

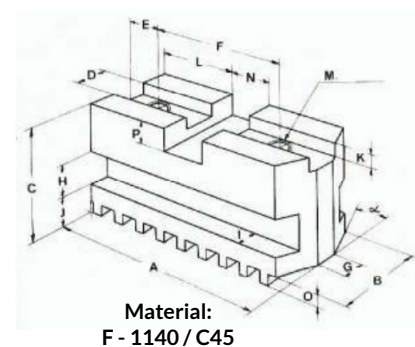
Mod. TGD N°20

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P

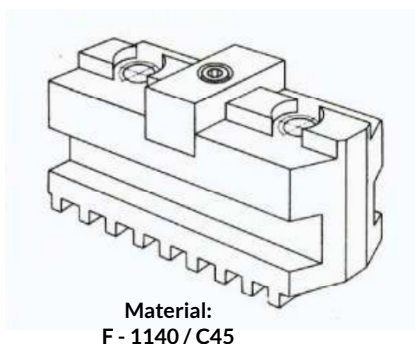


Mod. TGD N°21

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P



05.

Garras Duras Hard Jaws

Garras duras adaptables
a los platos Neumáticos - Hidráulicos

Hard Jaws adaptable to
Pneumatic and Power Chucks

Garras duras adaptables a platos hidráulicos

Los modelos de garras TGD No 23 y 24 son las denominadas garras duras con topes de regulación. Son garras templadas de gran seguridad en el amarre. Estas nos garras permiten aumentar los avances en el mecanizado de piezas en sus primeras operaciones. Los topes de regulación nos permiten regular la longitud de amarre de la pieza en función del tope utilizado. Estos juegos de garras se sirven con un juego completo de topes y una llave para el apriete de los topes. La cantidad de los topes va en función del modelo de la garra según la marca y el diámetro del plato.

El modelo TGD No 23 es reversible y sirve para coger diámetros grandes y pequeños.

El modelo TGD No 24 sirve para coger diámetros intermedios.

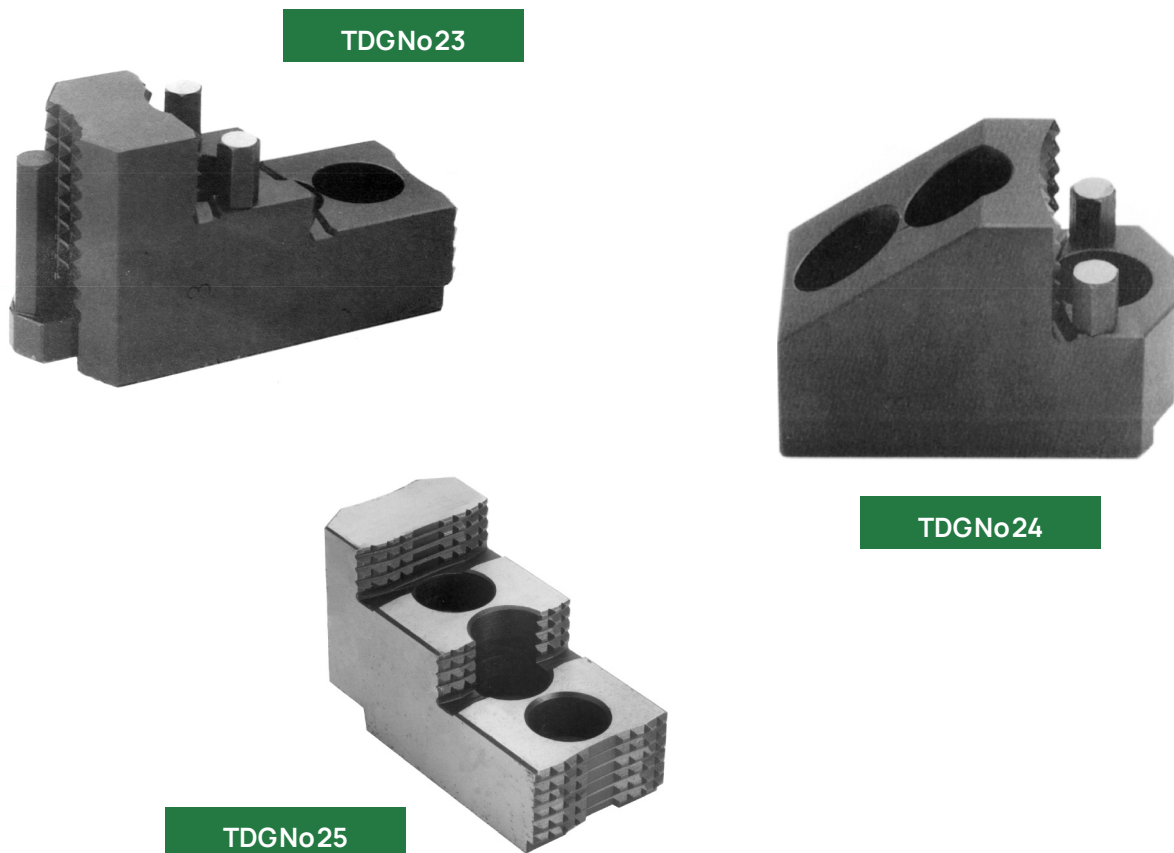
El modelo TGD No 25 son las garras estándar sin topes de regulación.

The jaws models TDG No. 23 and No. 24 are called hard jaws with regulatory stoppers. They are hardened and give high mooring security. These jaws enable us to increase the forward in the machining of parts in its first operations. Regulation stoppers allow us to adjust the length of work piece clamping depending on the stopper that is used. These sets of jaws are served with a complete set of stoppers and a key to tighten the stoppers. The amount of the stoppers depends on the model of the jaw according to the brand and the diameter of the chuck.

The model TDG No. 23 is reversible and is used to clamp large as well as small diameters.

The model TDG No. 24 serves to clamp intermediate diameters.

The model TDG No. 25 is the standard jaw without stoppers.

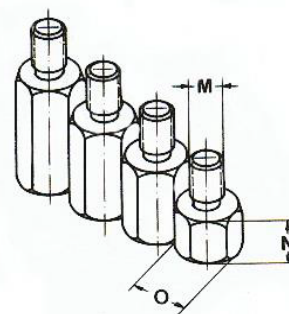


TOPES DE REGULACIÓN REGULATORY STOPPERS

A	B	C

Los topes de regulación son los utilizados en los modelos de garras TGD No 23 y 24. Se usan para regular la longitud de amarre de la pieza.

The regulatory stoppers are used with the jaws models TGD No. 23 and 24. There are used to regulate the clamping surface of the work piece.



MEDIDAS DE LOS TOPES DE REGULACIÓN MEASURES OF THE REGULATORY STOPPERS

M 5							
	O = 8						
N	5	10	15	20	25	30	35

M 6											
	O = 10										
N	5	10	15	20	25	30	35	40	45	50	

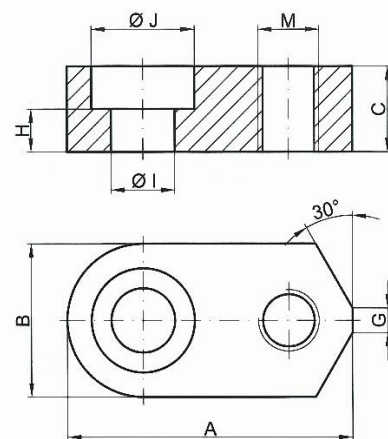
M 8													
	O = 10												
N	5	10	15	20	25	30	35	40	45	50	55	60	65

M 10																			
	O = 14																		
N	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	

CHAVETAS PARA LAS GARRAS DE TOPES MODELO "L" PIN FOR THE CHUCKS WITH REGULATORY STOPPERS MODEL "L"

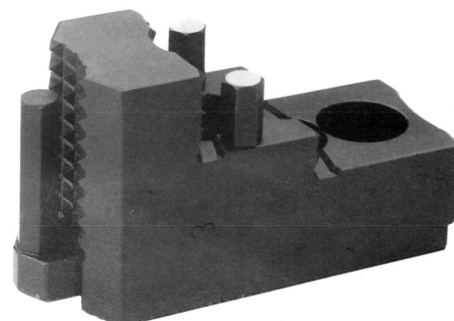
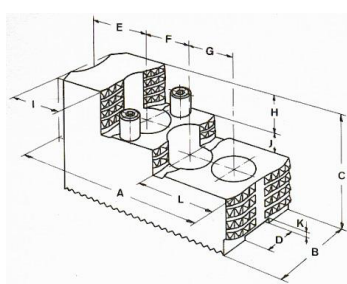
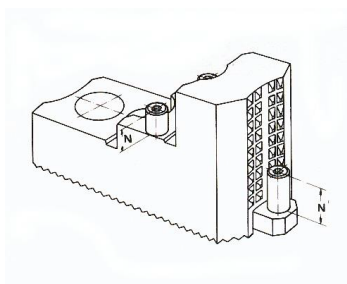
MEDIDAS CHAVETAS / PIN MEASURES

CÓDIGO	MOD.	A	B	C	M	PRECIO UNID. (€) UNIT. PRICE (€)
39-CHAVETA 12	MOD. 12	26	12	8	M 5	33,91
39-CHAVETA 14	MOD. 14	30	14	9	M 6	33,11
39-CHAVETA 16	MOD. 16	30	16	10	M 6	33,91
39-CHAVETA 20	MOD. 20	35	20	12	M 8	34,57
39-CHAVETA 25	MOD. 25	47	25	14	M 10	41,01



Mod. TGD N°23 GDL

A	B	C	D	E	F	G	H	I	J	K	L	P



NOTA TOPES, CHAVETAS Y LLAVES incluidos

MEDIDAS ADAPTABLES AL PLATO MARCA GALVEZ - HIDRAM MOD.L
MEASURES ADAPTABLE TO CHUCKS BRAND GALVEZ - HIDRAM MOD.L

CÓDIGO	A	B	C	D	F	G	H	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
17-GDL14	63	32	43	11	15	15	15	1/16 90º	GDL 14	130 - 140	527,82
17-GDL17	80	34	53	12	25	25	20	1/16 90º	GDL 17	170	573,71
17-GDL16	85	40	60	17	19,5	19,5	20	1/16 90º	GDL 16	160 - 200	821,48
17-GDL20	90	40	65	14	19,5	19,5	25	1/16 90º	GDL 20	200 - 240	912,72
17-GDL21	90	40	65	17	19,5	19,5	25	1/16 90º	GDL 21	200 - 210	865,02
17-GDL25	110	50	76	21	26	26	25	1/16 90º	GDL 25	250 - 315	912,72
17-GDL30	130	48	75	20	30	30	25	1/16 90º	GDL 30	300 - 340	1069,20
18-GDL30	130	48	75	20	30	30	25	2,5 75º	GDL 30	300 - 340	1069,20
17-GDL50	140	62	95	25	32	32	35	3/32" 90º	GDL 50	400 - 500 - 630	1575,75
17-GDL80	170	70	120	25	40	40	40	3/32" 90º	GDL 80	800	2401,97
18-GDL6	80	32	54	12	20	20	20	1,5 60º	GDL 6"	170	573,71
18-GDL-8	95	36	65	14	25	25	25	1,5 60º	GDL 8"	210	821,48
18-GDL-10	106	42	70	16	30	30	25	1,5 60º	GDL 10"	250	912,72

* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA KITAGAWA MOD.L
MEASURES ADAPTABLE TO CHUCKS BRAND KITAGAWA MOD.L

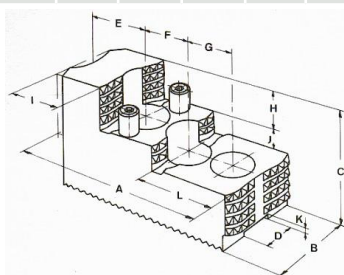
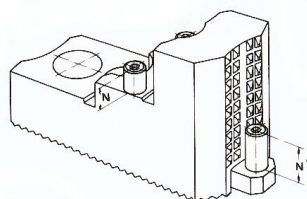
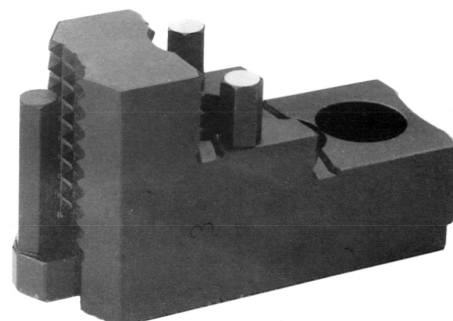
CÓDIGO	A	B	C	D	F	G	H	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
19-GDL6	80	32	54	12	20	20	20	1,5 60º	GDL 6"	6" / B - 206	573,71
19-GDL8	95	36	65	14	25	25	25	1,5 60º	GDL 8"	8" / B - 208	821,48
19-GDL 10	106	42	70	16	30	30	25	1,5 60º	GDL 10"	10" / B - 210	912,72
19-GDL 12	125	50	81	18	30	30	30	1,5 60º	GDL 12"	B - 12	1069,20
19-GDL 12NI	125	50	81	21	30	30	30	1,5 60º	GDL 12" NI	B-212 / BB-212	1069,20
19-GDL B215	157	60	100	25,5	43	43	35	1,5 60º	GDL B - 215	B-215 / B-218	1816,09
19-GDL 15-18	165	65	102	22	43	43	35	1,5 60º	GDL 15"-18"	B-15 / B-18	1851,57
19-GDL 21-24	165	68	107	25	43	43	40	3 60º	GDL 21"-24"	B-21 / B-24	2044,10

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Mod. TGD N°23 GDL

A	B	C	D	E	F	G	H	I	J	K	L	P

NOTA TOPES, CHAVETAS Y LLAVES incluidos



MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND AUTOBLOK - SMW MOD.L

CÓDIGO	A	B	C	D	F	G	H	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
15-GDL165*3 16-GDL165*3	75	34	54	14	16,5	16,5	20	1/16" 90o 1,5 60o	GDL	165 - 175	821,48
15-GDL210*3 16-GDL210*3	95	40	65	17	23	23	25	1/16" 90o 1,5 60o	GDL	210 - 215	898,51
15-GDL250*3 16-GDL250*3	115	48	76	21	30	30	25	1/16" 90o 1,5 60o	GDL	250	958,39
16-GDL250*3D16	113	46	71	16	30	30	25	1,5 60o	GDL	250 BHM / BBM	1054,24
15-GDL315*3 16-GDL315*3	125	50	81	21	30	30	25	1/16" 90o 1,5 60o	GDL	315	1069,45
15-GDL400*3	140	60	90	21	34	34	30	1/16 90o	GDL	400	1611,60
16-GDL400*3	152	65	97	22	38	38	35	1,5 60o	GDL	400 - 450	1754,20
15-GDL500*3	152	65	97	25,5	38	38	35	3/32" 90o	GDL	400 - 500 - 630	1712,64
15-GDL800*3	170	75	110	25,5	38	38	40	3/32" 90o	GDL	610 - 630 - 800	2124,66

* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND HOWA MOD.L

CÓDIGO	A	B	C	D	F	G	H	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
20-GDL6	80	36	54	12	20	20	20	1,5 60o	GDL	6"	631,01
20-GDL8	98	40	65	16	25	25	25	1,5 60o	GDL	8"	898,51
20-GDL10	115	46	76	18	30	30	25	1,5 60o	GDL	10"	958,36
20-GDL12	125	50	81	21	30	30	30	1,5 60o	GDL	12"	1069,20

* Precio por juego de 3 garras / Prices for sets of 3 jaws

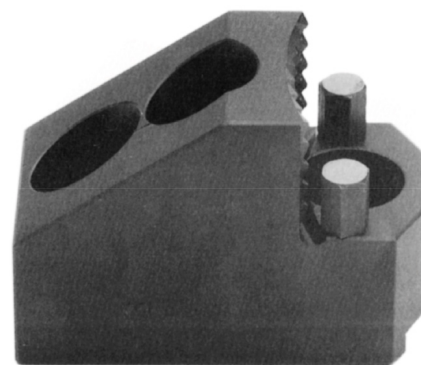
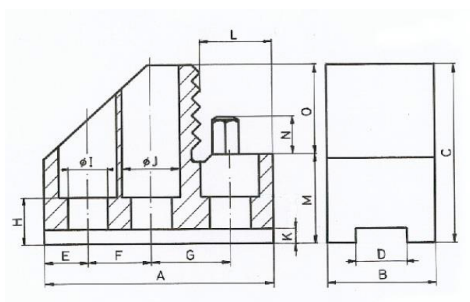
MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND GAMET GA MOD.L

CÓDIGO	A	B	C	D	F	G	H	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
22-GDL160	72	35	52	14	18	18	20	1/16" 90o	GDL	GA - 160	631,01
22-GDL210	90	40	65	17	20	20	25	1/16" 90o	GDL	GA - 210	898,51
22-GDL250	110	46	76	21	26	26	25	1/16" 90o	GDL	GA - 250	968,23
22-GDL315	125	46	81	21	31	31	30	1/16" 90o	GDL	GA - 315	1122,73

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras duras adaptables a platos hidráulicos

Mod. TGD N°24 GDN													
A	B	C	D	E	F	G	H	I	J	K	L	P	



NOTA TOPES, CHAVETAS Y LLAVES incluidos

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND GALVEZ - HIDRAM MOD.N

CÓDIGO	A	B	C	D	F	G	O	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
17-GDN14	52	32	40	11	15	15	20	1/16 90o	GDN 14	130 - 140	421,75
17-GDN17	74	35	50	12	25	25	25	1/16 90o	GDN 17	170	534,61
17-GDN16	70	40	60	17	19,6	19,5	30	1/16 90o	GDN 16	160 - 200	690,48
17-GDN20	70	40	65	14	19,6	19	35	1/16 90o	GDN 20	200 - 240	756,24
17-GDN21	70	40	60	17	19,6	19,6	30	1/16 90o	GDN 21	200 - 210	690,48
17-GDN25	95	50	70	21	26	33	35	1/16 90o	GDN 25	250 - 315	756,24
17-GDN30	95	50	70	20	30	30	35	1/16 90o	GDN 30	300 - 340	912,72
18-GDN30	95	50	70	20	30	30	35	2,5 75o	GDN 30	300 - 340	912,72
18-GDN50	112	62	102	25	32	40	60	3/32" 90o	GDN 50	400 - 500 - 630	1369,14
18-GDN6	64	34	50	12	20	20	25	1,5 60o	GDN 6"	170	534,61
18-GDN8	75	38	60	14	25	25	30	1,5 60o	GDN 8"	210	691,27
18-GDN10	84	42	65	16	30	30	35	1,5 60o	GDN 10"	250	756,24

* Precio por juego de 3 garras / Prices for sets of 3 jaws

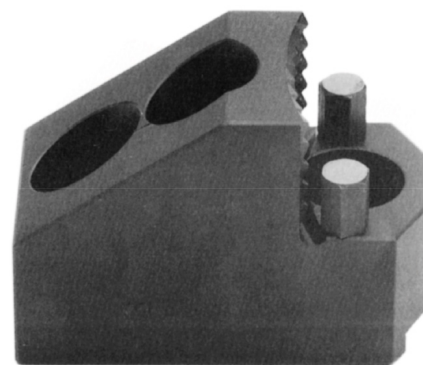
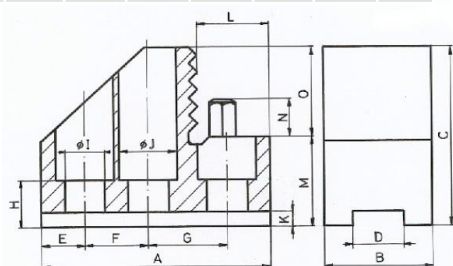
MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND KITAGAWA MOD.N

CÓDIGO	A	B	C	D	F	G	O	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
19-GDN6	64	34	50	12	20	20	25	1,5 60o	GDN 6"	6" / B - 206	534,61
19-GDN8	75	38	60	14	25	25	30	1,5 60o	GDN 8"	8" / B - 208	691,04
19-GDN 10	84	42	65	16	30	30	35	1,5 60o	GDN 10"	10" / B - 210	756,24
19-GDN 12	95	50	76	18	30	30	40	1,5 60o	GDN 12"	B - 12	912,72
19-GDN12NI	95	50	76	21	30	30	40	1,5 60o	GDN 12" NI	B-212 / BB-212	912,72
19-GDN B215	130	60	102	25,5	43	43	55	1,5 60o	GDN B - 215	B-215 / B-218	1547,83
19-GDN 15-18	130	65	102	22	43	43	55	1,5 60o	GDN 15"-18"	B-15 / B-18	1552,29
19-GDN 21-24	130	65	107	25	43	43	60	3 60o	GDN 21"-24"	B-21 / B-24	1724,76

* Precio por juego de 3 garras / Prices for sets of 3 jaws

Hard jaws adaptable to power chucks

Mod. TGD N°24 GDN												
A	B	C	D	E	F	G	H	I	J	K	L	P



NOTA TOPES, CHAVETAS Y LLAVES incluidos

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND AUTOBLOK - SMW MOD. N

CÓDIGO	A	B	C	D	F	G	O	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
15-GDN165*3 16-GDN165*3	63	34	51	14	16,5	16,5	25	1/16" 90o 1,5 60o	GDN	165 - 175	691,04
15-GDN210*3 16-GDN210*3	76	40	60	17	23	23	30	1/16" 90o 1,5 60o	GDN	210 - 215	748,66
15-GDN250*3 16-GDN250*3	95	48	72	21	30	30	35	1/16" 90o 1,5 60o	GDN	250	796,05
16-GDN250*3D16	95	46	71	16	30	30	35	1,5 60o	GDN	250 BHM / BBM	874,80
15-GDN315*3 16-GDN315*3	95	50	76	21	30	30	40	1/16" 90o 1,5 60o	GDN	315	912,72
15-GDN400*3	108	60	90	21	34	34	50	1/16" 90o	GDN	400	1369,14
16-GDN400*3	123	66	105	22	38	38	55	1,5 60o	GDN	400 - 450 BHM	1670,55
15-GDN500*3	123	66	105	25,5	38	38	55	3/32" 90o	GDN	400 - 500 - 630	1633,43
15-GDN800*3	123	75	110	25,5	38	38	60	3/32" 90o	GDN	610 - 630 - 800	1763,99

* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND HOWA MOD. N

CÓDIGO	A	B	C	D	F	G	O	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
20-GDN6	70	38	52	12	20	20	25	1,5 60o	GDN	6"	561,46
20-GDN8	75	40	60	16	25	25	30	1,5 60o	GDN	8"	748,66
20-GDN10	95	46	71	18	30	30	35	1,5 60o	GDN	10"	794,03
20-GDN12	95	50	76	21	30	30	40	1,5 60o	GDN	12"	912,72

* Precio por juego de 3 garras / Prices for sets of 3 jaws

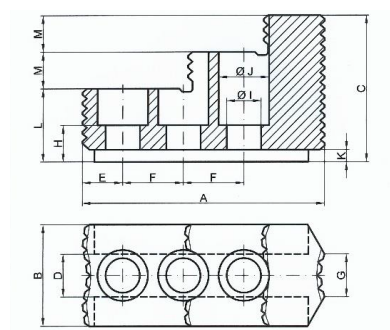
MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND GAMET GA MOD. N

CÓDIGO	A	B	C	D	F	G	O	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
22-GDN160	66	32	50	14	18	18	25	1/16" 90o	GDN	GA - 160	534,61
22-GDN210	70	38	60	17	20	20	30	1/16" 90o	GDN	GA - 210	748,66
22-GDN250	90	46	70	21	26	26	35	1/16" 90o	GDN	GA - 250	788,62
22-GDN315	97	46	76	21	31	31	40	1/16" 90o	GDN	GA - 315	958,36

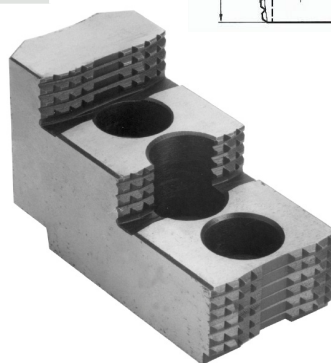
* Precio por juego de 3 garras / Prices for sets of 3 jaws

Garras duras adaptables a platos hidráulicos

Mod. TGD N°25 GD													
A	B	C	D	E	F	G	H	I	J	K	L	M	P



NOTA TOPES, CHAVETAS Y LLAVES incluidos



MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND GALVEZ - HIDRAM MOD. GD											
CÓDIGO	A	B	C	D	E	F	M	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
17-GD14	60	30	42	11	10	15	10	1/16 90º	GD 14	130 – 140	323,79
17-GD17	80	32	49	12	15	25	12	1/16 90º	GD 17	170	333,77
17-GD16	75	40	51	17	17	19,5	12	1/16 90º	GD 16	160 – 200	404,52
17-GD20	86	40	51	14	17	19,5	12	1/16 90º	GD 20	200 – 240	504,18
17-GD21	86	40	51	17	17	19,5	12	1/16 90º	GD 21	200 – 210	495,05
17-GD25	105	48	60	21	20	26	12	1/16 90º	GD 25	250 – 315	504,22
17-GD30	120	48	65	20	20	30	15	1/16 90º	GD 30	300 – 340	540,38
18-GD30	120	48	65	20	20	30	15	2,5 75º	GD 30	300 – 340	540,38
18-GD50	132	60	84	25	22	32	22	3/32" 90º	GD 50	400 – 500 – 630	833,05
18-GD6	72	31	49	12	16	20	12	1,5 60º	GD 6"	170	333,77
18-GD8	88	38	55	14	18	25	13	1,5 60º	GD 8"	210	425,88
18-GD10	102	40	55	16	21	30	13	1,5 60º	GD 10"	250	504,22

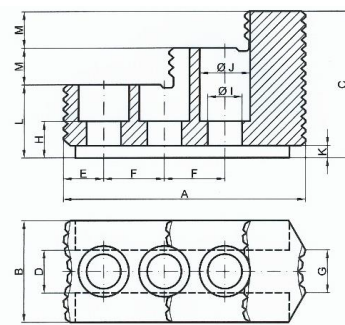
* Precio por juego de 3 garras / Prices for sets of 3 jaws

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND KITAGAWA MOD. GD											
CÓDIGO	A	B	C	D	E	F	M	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
19-GD6	72	31	49	12	16	20	12	1,5 60º	GD 6"	6" / B – 206	333,77
19-GD8	90	36	52	14	20	25	12	1,5 60º	GD 8"	8" / B – 208	404,52
19-GD 10	102	40	55	16	21	30	13	1,5 60º	GD 10"	10" / B – 210	504,22
19-GD 12	120	50	72	18	20	30	18	1,5 60º	GD 12"	B – 12	540,38
19-GD12NI	120	50	72	21	20	30	18	1,5 60º	GD 12" NI	B-212 / BB-212	540,38
19-GD B215	149	58	88	25,5	43	43	22	1,5 60º	GD B – 215	B-215 / B-218	1064,45
19-GD 15-18	145	62	88	22	29,5	43	22	1,5 60º	GD 15"-18"	B-15 / B-18	1045,63
19-GD 21-24	160	65	96	25	30	50	26	3 60º	GD 21"-24"	B-21 / B-24	1161,84

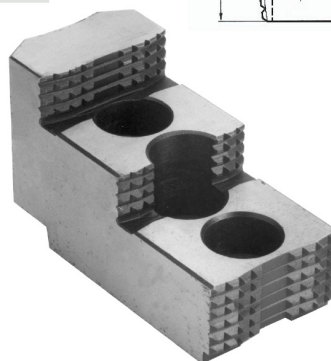
* Precio por juego de 3 garras / Prices for sets of 3 jaws

Hard jaws adaptable to power chucks

Mod. TGD N°25 GD													
A	B	C	D	E	F	G	H	I	J	K	L	M	P



NOTA TOPES, CHAVETAS Y LLAVES incluidos



MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND AUTOBLOK - SMW MOD. GD

CÓDIGO	A	B	C	D	E	F	M	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
15-GD165*3 16-GD165*3	67	34	43	14	15	16,5	10	1/16" 90º 1,5 60º	GD	165 - 175	404,52
15-GD210*3 16-GD210*3	86	40	50	17	16	23	12	1/16" 90º 1,5 60º	GD	210 - 215	450,64
15-GD250*3 16-GD250*3	115	46	64	21	20	30	14	1/16" 90º 1,5 60º	GD	250	515,31
16-GD250*3D16	115	46	64	16	20	30	14	1,5 60º	GD	250 BHM / BBM	644,08
15-GD315*3 16-GD315*3	120	50	72	21	20	30	18	1/16" 90º 1,5 60º	GD	315	540,38
15-GD400*3	125	60	82	21	22	34	22	1/16" 90º	GD	400	833,05
16-GD400*3	145	60	82	22	25	38	10	1,5 60º	GD	400 - 450 BHM	938,52
15-GD500*3	145	60	82	25,5	25	38	20	3/32" 90º	GD	400 - 500 - 630	918,17
15-GD800*3	145	75	105	25,5	25	38	30	3/32" 90º	GD	610 - 630 - 800	1101,80

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND HOWA MOD. GD

CÓDIGO	A	B	C	D	E	F	M	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
20-GDN6	70	35	49	12	16	20	12	1,5 60º	GD	6"	333,77
20-GDN8	90	40	55	16	18	25	13	1,5 60º	GD	8"	450,64
20-GDN10	105	46	60	18	20	30	14	1,5 60º	GD	10"	504,22
20-GDN12	120	50	72	21	20	30	18	1,5 60º	GD	12"	540,38

MEDIDAS ADAPTABLES AL PLATO MARCA / MEASURES ADAPTABLE TO CHUCKS BRAND GAMET GA MOD. GD

CÓDIGO	A	B	C	Dw	E	F	M	PASO	MOD. GARRA	Ø PLATO CHUCK Ø	€
22-GD160	69	30	49	14	13	18	12	1/16" 90º	GD	GA - 160	333,77
22-GD210	86	40	51	17	17	20	12	1/16" 90º	GD	GA - 210	495,05
22-GD250	105	48	60	21	20	26	12	1/16" 90º	GD	GA - 250	504,22
22-GD315	120	48	65	21	20	31	15	1/16" 90º	GD	GA - 315	540,38

* Precio por juego de 3 garras / Prices for sets of 3 jaws

06.

Tes de Amarre T-Nuts

Tes de Amarre adaptables a platos Neumáticos - Hidráulicos

T-Nuts adaptable to Pneumatic and Power Chucks

Fabricadas en material F – 1252 tratado.
Manufactured with material 42CrMo4 / EN 10083-1 / ISO 4540.

Rectificadas en su zona de contacto.
Grinded in its contact areas.

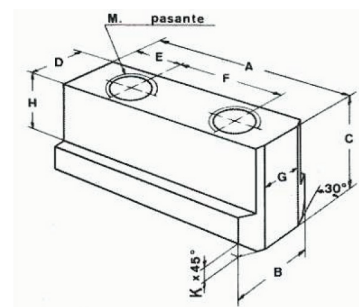
Tornillo calidad 12.9

Screw quality 12.9

TES DE AMARRE DOBLES
DOUBLE T-NUTS

No24

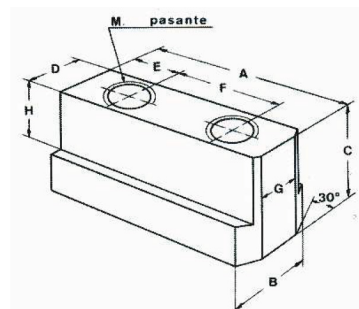
A	B	C	D	E	F	G	H	K	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No25

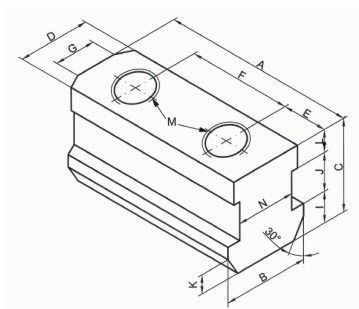
A	B	C	D	E	F	G	H	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No24 - E

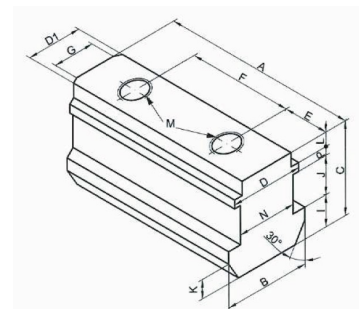
A	B	C	D	E	F	G	I	J	L	N	K	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No24 - E2

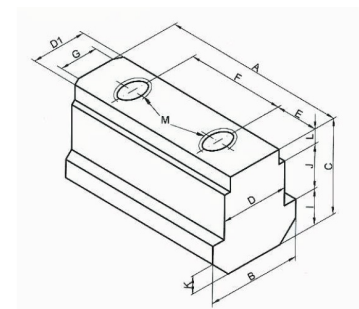
A	B	C	D	D1	E	F	G	I	J	K	L	N	P	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No28

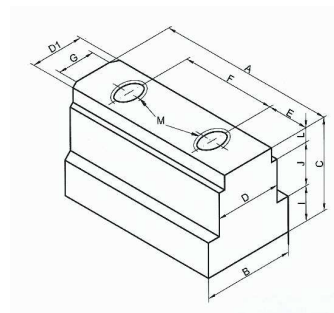
A	B	C	D	D1	E	F	G	I	J	K	L	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

Nº29

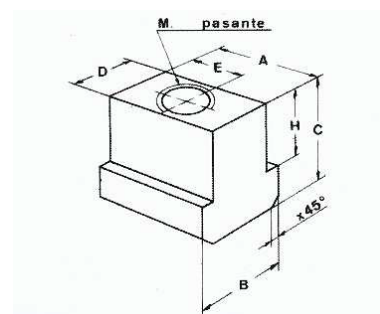
A	B	C	D	D1	E	F	G	I	J	L	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No26

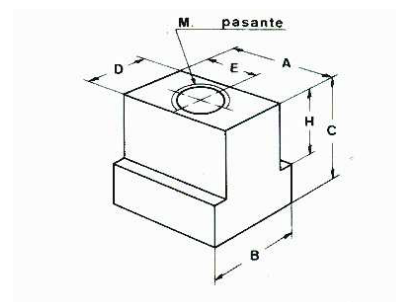
A	B	C	D	E	H	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No27

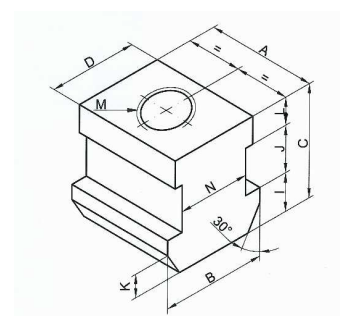
A	B	C	D	E	H	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No26 - E

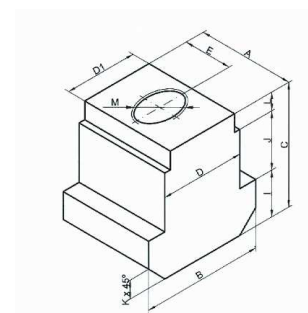
A	B	C	D	I	J	K	L	M



TES DE AMARRE DOBLES
DOUBLE T-NUTS

No30

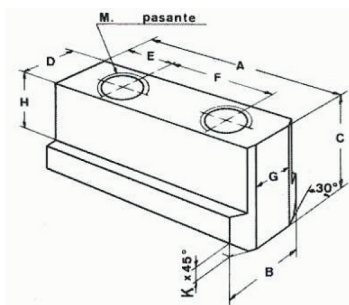
A	B	C	D	D1	E	I	J	K	L	M



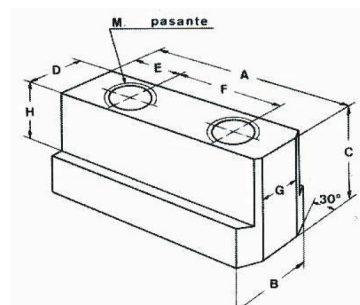
Tes de amarre para platos neumáticos e hidráulicos

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/
ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 24



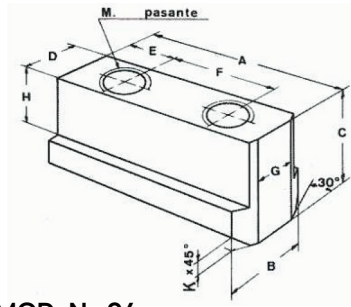
MOD. No 25

MEDIDAS MODELO / MEASURES MODEL							No 24 - 25			
CÓDIGO	A	B	C	D	F	M	MOD. No	MARCA / BRAND	Ø PLATO CHUCK Ø	PRECIO UNID. UNIT. PRICE (€)
18-T25-4	28	15,5	17	10	14	M8	25	GALVEZ	GB - 4"	22,75
17-T25-130-140	30	16,5	22	11	15	M8	25	GALVEZ - HIDRAM	130 - 140	19,87
17-T25-170	45	17,5	21	12	25	M10	25	GALVEZ - HIDRAM	170	22,72
17-T25-160-200	38,5	24	23,5	17	19,5	M12	25	GALVEZ	160 - 200	32,29
17-T25-200-240	59	20,5	23	14	39	M12	25	GALVEZ - HIDRAM	200 - 240	35,03
17-T25-250-315	50	27	28,5	21	26	M16	25	GALVEZ	250 - 315	42,90
17-T25-400-500	60	35	35	25	32	M18	25	GALVEZ - HIDRAM	400 - 500	64,50
18-T25-GB10	50	24	24,5	16	30	M12	25	GALVEZ	GB - 10"	25,50
18-T24-4	28	15,5	17	10	14	M8	24	HIDRAM	GB - 4"	34,12
17-T24-160-200	38,5	24	23,5	17	19,5	M12	24	HIDRAM	160 - 200	35,57
17-T24-250-315	50	27	28,5	21	26	M16	24	HIDRAM	250 - 315	44,37
19-T24-400-B205	30	15	15	10	14	M8	24	KITAGAWA	B - 205	21,48
19-T24-5	30	14	15,5	10	18	M8	24	KITAGAWA	5"	21,48
19-T24-B206	37	17,5	18,5	12	20	M10	24	KITAGAWA	B - 206	22,69
19-T24-6	37	17,5	22	12	20	M10	24	KITAGAWA	6"	22,69
19-T24-B208	45	20	20,5	14	25	M12	24	KITAGAWA	B - 208	25,22
19-T24-B208-2	70	20	20,5	14	25+25	M12	24	KITAGAWA	B - 208	49,80
19-T24-8	45	20	22,5	14	25	M12	24	KITAGAWA	8"	25,22
19-T24-8C25	45	20	25	14	25	M12	24	KITAGAWA	8" C=25	26,39
19-T24-B210	50	22,5	22,5	16	30	M12	24	KITAGAWA	B - 210	26,77
19-T24-B210-3AG	70	22,5	22,5	16	25+25	M12	24	KITAGAWA	B - 210	50,58
19-T24-10	50	22,5	25,5	16	30	M12	24	KITAGAWA	10"	26,77
19-T24-B12	56	26,5	33,5	18	30	M14	24	KITAGAWA	B - 12	45,32
19-T24-B212	56	26,5	29	21	30	M16	24	KITAGAWA	B - 212	45,32
19-T24-B212-3AG	86	29,5	29	21	30+30	M16	24	KITAGAWA	B - 212	63,09
19-T24-BB212	54	29	23	21	30	M16	24	KITAGAWA	BB - 212	45,32
19-T24-B215	75	35	39,5	25,5	43	M20	24	KITAGAWA	B - 215	65,22
19-T24-21-24F43	83	37,5	45	25	43	M20	24	KITAGAWA	B-21/24 F=43	107,15
19-T24-21-24F45	85	37,5	45	25	45	M20	24	KITAGAWA	B-21/24 F=45	107,15
19-T24-21-24F60	100	37,5	45	25	60	M20	24	KITAGAWA	B - 21/24 F=60	107,15
19-T24-21-24 3A	126	37,5	45	25	43+43	M20	24	KITAGAWA	B - 21/24	133,92

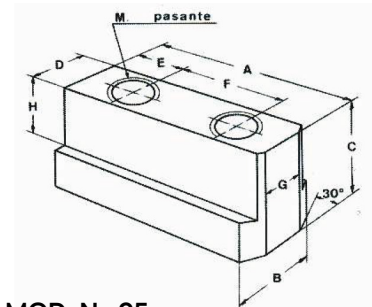
Mooring t-nuts for pneumatic and power chucks

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/
ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 24



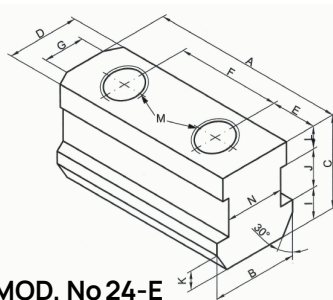
MOD. No 25

MEDIDAS MODELO / MEASURES MODEL							No 24 - 25			
CÓDIGO	A	B	C	D	F	M	MOD. No	MARCA / BRAND	Ø PLATO CHUCK Ø	PRECIO UNID. UNIT. PRICE (€)
20-T25-F16	29	16	16,5	11	16	M8	25	HOWA	5" F=16	35,00
20-T25-F14	27	16	17,5	11	14	M8	25	HOWA	5" F=14	35,00
20-T25-F19	30	15	16	10	19	M8	25	HOWA	5" F=19	35,00
20-T25-6	38	17	21,5	12	20	M10	25	HOWA	6"	24,45
20-T25-8	48	22	26	16	25	M12	25	HOWA	8"	25,75
20-T25-8C21,5	48	22	21,5	16	30	M12	25	HOWA	8" C=21,5	29,68
20-T24-8D14	45	20	23,5	14	25	M12	24	HOWA	8" D=14	29,14
20-T25-10	52	24	27,5	18	30	M14	25	HOWA	10"	32,64
22-T25-GA130	30	14,2	15,5	11	15	M8	25	GAMET	GA - 130	23,69
22-T25-GA160	34	19	17	14	18	M10	25	GAMET	GA - 160	24,45
22-T25-GA210	38	25,5	22	17	20	M12	25	GAMET	GA - 210	34,04
22-T25-GA250	50	30	25	21	26	M16	25	GAMET	GA - 250	44,92
15-T24-130-140	30	17	15	12	16	M8	24	AUTOBLOK	130 - 140	35,00
15-T24-200-210	41	22,5	22	17	23	M12	24	AUTOBLOK	200 - 210	32,25
15-T24-250	54	29	25	21	30	M16	25	AUTOBLOK	250 - 315	44,92
15-T24-400-450	68	35	34	25,5	38	M20	24	AUTOBLOK	400 - 450	65,51
66-N25-1	31	17,5	17,7	12	15	M8	25	ROHM	No 25-1	23,60
66-N25-2	37	22,5	21,7	17	19	M12	25	ROHM	No 25-2	35,48
66-N24-3	43	22,5	21,7	14	25	M12	24	ROHM	No 24-3	41,61
66-N25-3	45	22,5	21,7	17	25	M12	25	ROHM	No 25-3	41,61
66-N25-4	50	29	25	21	26	M16	25	ROHM	No 25-4	44,18
66-N25-5	61	32,5	33,7	25,5	31	M20	25	ROHM	No 25-5	64,68
66-N25-6	65	32,5	33,7	25,5	35	M20	25	ROHM	No 25-6	64,68

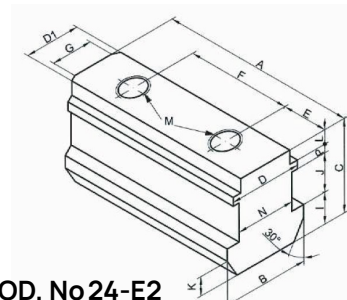
Tes de amarre para platos neumáticos e hidráulicos

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 24-E



MOD. No 24-E2

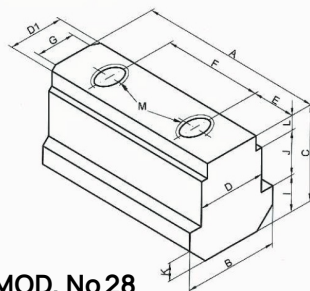
MEDIDAS MODELO / MEASURES MODEL

No 24 - E / No 24 - E2

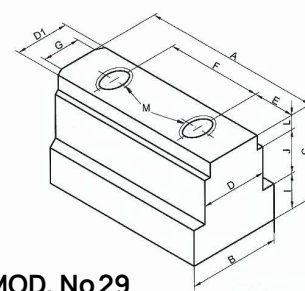
CÓDIGO	A	B	C	D	D1	F	M	MOD. No	MARCA / BRAND	Ø PLATO Ø CHUCK	PRECIO UNID. UNIT. PRICE (€)
15-T24E-125	32	15	15	12	-	16	M 8	24 - E	AUTOBLOK	125	30,66
15-T24E-165	32	17	18,5	14	-	16,5	M10	24 - E	AUTOBLOK	165 - 175	32,11
15-T24E-210	43	19	20,5	17	-	23	M12	24 - E	AUTOBLOK	210 - 215	36,21
15-T24E-210F195	40	19	20,5	17	-	19,5	M12	24 - E	AUTOBLOK	AUT.210 / GB21	37,33
15-T24E-250F26	52	25	26,5	21	-	26	M16	24 - E	AUTOBLOK	AUT.250 / GB25	49,32
15-T24E-250-315	56	25	26,5	21	-	30	M16	24 - E	AUTOBLOK	250 - 315	49,32
15-T24E2-165-6	36	17	18,5	14	12	20	M10	24 - E2	AUTOBLOK	AUT.165 / KIT.6"	36,33
15-T24E2210-165	33	19	20,5	14	14	16,5	M10	24 - E2	AUTOBLOK	AUT.210 / 165	36,45
15-T24E2-210-8	45	19	20,5	17	14	25	M12	24 - E2	AUTOBLOK	AUT.210 / KIT.8"	38,81
15-T24E2250-210	47	25	26,5	21	17	23	M12	24 - E2	AUTOBLOK	250 / 210	58,31
15-T24E2-250-10	56	25	26,5	21	16	30	M12	24 - E2	AUTOBLOK	AUT.250 / KIT.10"	55,54

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 28



MOD. No 29

MEDIDAS MODELO / MEASURES MODEL

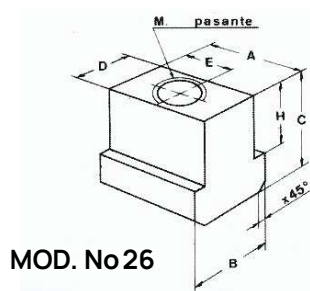
No 28 - 29

CÓDIGO	A	B	C	D	D1	F	M	MOD. No	MARCA / BRAND	Ø PLATO Ø CHUCK	PRECIO UNID. UNIT. PRICE (€)
19-T28-15-18	80	33,4	45,5	24	22	43	M 20	28	KITAGAWA	B-15/18	74,35
19-T28-15-18F38	75,5	33,4	45,5	24	22	38	M 20	28	KITAGAWA	B-15/18 F=38	81,82
19-T28-15-18F383AC	113	33,4	45,5	24	22	38+38	M 20	28	KITAGAWA	B-15/18	101,46
19-T28-B215-15	75	35	39,5	25,5	22	43	M 20	28	KITAGAWA	B-215/B-15	81,82
19-T28-B212-12	56	29,5	29	21	18	30	M14	28	KITAGAWA	B-212/12"	49,15
19-T28-B212-10	56	29,5	29	21	16	30	M 12	28	KITAGAWA	B-212/10"	49,15
19-T28-12-10	56	26,5	33,5	18	16	30	M 12	28	KITAGAWA	B-12/10"	49,15
19-T28-10-8	45	22,5	25,5	16	14	25	M 12	28	KITAGAWA	B-10/ 8"	33,42
19-T28-B210-8	45	22,5	22,5	16	14	25	M 12	28	KITAGAWA	B-210/8"	33,42
17-T29-G16/G17	45	24	23,5	17	12	25	M10	29	GALVEZ	G16/G17	35,72
17-T29-G25/G16	40	27	28,5	21	17	19,5	M12	29	GALVEZ	G25/G16	44,55
17-T29-G25/G20	59	27	28,5	21	14	39	M12	29	GALVEZ	G25/G20	48,13
19-T28-500BHM	73	35	34,5	25,5	22	43	M 20	28	AUTOBLOK	500BHM / KIT.15	79,62
19-T28-500-800	70	40	40	28	25,5	38	M 20	28	AUTOBLOK	500-630-800	79,62

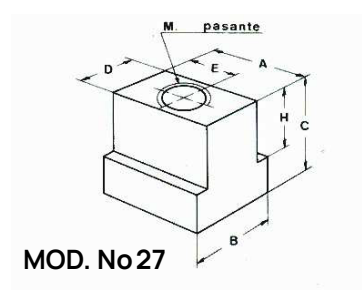
Mooring t-nuts for pneumatic and power chucks

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 26

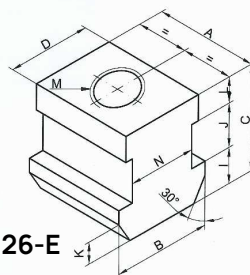


MOD. No 27

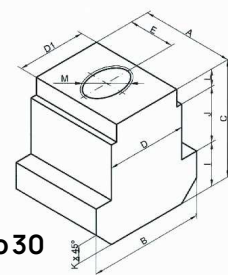
MEDIDAS MODELO / MEASURES MODEL						No 26 - 27			
CÓDIGO	A	B	C	D	M	MOD. No	MARCA / BRAND	Ø PLATO Ø CHUCK	PRECIO UNID. UNIT. PRICE (€)
17-T27-160-200	19	24	23,5	17	M12	27	GALVEZ	160 - 200	16,56
17-T27-250-315	24	27	28,5	21	M16	27	GALVEZ	250 - 315	21,98
17-T27-300-340	28	27,5	29	20	M14	27	GALVEZ	300 - 340	21,98
17-T27-400-500	28	35	35	25	M18	27	GALVEZ	400 - 500 - 630	33,80
17-T26-1000	43	39	44	30	M24	26	GALVEZ	1000	62,96
18-T27-GB10	20	24	24,5	16	M12	27	GALVEZ	GB - 10"	18,22
17-T26-160-200	19	24	23,5	17	M12	26	HIDRAM	160 - 200	17,90
17-T26-250-315	24	27	28,5	21	M16	26	HIDRAM	250 - 315	23,09
15-T26-210	20	22,5	22	17	M12	26	AUTOBLOK	200 - 210 - 220	17,20
15-T27-250-315	24	29	25	21	M16	27	AUTOBLOK	250 - 315 - 400	23,59
15-T26-400M20	30	35	34	25,5	M20	26	AUTOBLOK	400 - 800	34,47
15-T26-400D26	30	35	34,5	26	M20	26	AUTOBLOK	400 BHM D=26	51,75
15-T27-BBN-630	45	45	44	30	M24	27	AUTOBLOK	BB-N 630/800/1000	63,13
15-T26-1000IN-D	50	44	46	30	M24	26	AUTOBLOK	1000 IN-D	69,33
66-N27-2	18,5	22,5	21,7	17	M12	27	ROHM	No 27-2	19,05
66-N26-2	20	22,5	21,7	17	M12	26	ROHM	No 26-2	23,79
66-N27-2.1	20	22,5	21,7	17	M12	27	ROHM	No 27-2.1	19,05
66-N27-3	24	29	25	21	M16	27	ROHM	No 27-3	23,59
66-N27-4	30	32,5	33,7	25,5	M20	27	ROHM	No 27-4	35,49
22-T27-250	24	29	25	21	M16	27	GAMET	GA - 250	23,59
19-T26-B210	25	22,5	22,5	16	M12	26	KITAGAWA	B - 210	18,08
19-T26-B212	26	29,5	29	21	M16	26	KITAGAWA	B - 212	26,07
19-T26-N15-18	40	35	39	25,5	M20	26	KITAGAWA	N / 15" - 18"	36,20
19-T26-21-24	38	37,5	45	25	M20	26	KITAGAWA	B - 21 / 24	55,20

Tes de amarre dobles
Fabricadas en F - 1252 -T
Con tornillo calidad 12 : 9
Rectificadas en su zona de contacto.

Mooring T-nuts
Manufactured in 42CrMo4/ EN 10083-1/ISO 4540
With screw quality 12:9
Grinded in contact areas



MOD. No 26-E



MOD. No 30

MEDIDAS MODELO / MEASURES MODEL							No 26 - E / No 30			
CÓDIGO	A	B	C	D	D1	M	MOD. No	MARCA / BRAND	Ø PLATO CHUCK Ø	PRECIO UNID. UNIT. PRICE (€)
15-T26E-210	20	19	20,5	17	-	M12	26 - E	AUTOBLOK	210 – 215	18,24
15-T26E-250-315	26	25	26,5	21	-	M16	26 - E	AUTOBLOK	250 – 315	25,32
15-T30-400M16	30	35	34,5	25,5	21	M16	30	AUTOBLOK	400	36,90
15-T30-500	30	36	34	28	25,5	M20	30	AUTOBLOK	500 – 550 – 630	36,90
15-T30-500GB50	30	36	34	28	25	M18	30	AUTOBLOK	500 – 630 / GB50	36,90
15-T30-800	32	40	40	28	25,5	M20	30	AUTOBLOK	500 – 630 – 800	40,54
19-T30-15-18	36	33,4	43,5	24	22	M20	30	KITAGAWA	B-15/B-18	44,01

07.

Garras Especiales Especial Jaws

Fotos de garras especiales

Photos of special jaws

Además de las medidas de los diferentes modelo de garras que figuran en este catalogo, se fabrican blandas y duras modificando algunas de las cotas (A-B-C, etc.) que figuran de acuerdo con las medidas que se precisen.

También se fabrican garras blandas y duras especiales adaptables a platos de otras marcas, diámetros y modelos que no figuran en éste catalogo.

También fabricamos garras duras especiales para el amarre de determinadas piezas (forja, fundición, etc.)
bajo plano o mediante la pieza de muestra.

A continuación se muestran algunos ejemplos de garras duras especiales.

In addition to measures of the different models of jaws that can be found in this catalog, soft and hard jaws are also manufactured on demand modifying some of the quotas (AB-C, etc.) according to the measures required.

GAMOR also manufactures special soft and hard jaws adaptable to chucks of other brands, sizes and models that are not listed in this catalog.

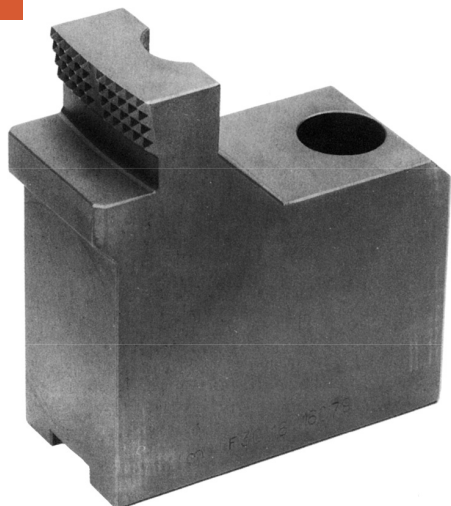
GAMOR also manufactures special hard jaws to clamp particular parts (forging, casting, etc.) according to drawings or samples.

You can also enquire clamping suggestion for the machining of your particular work pieces.

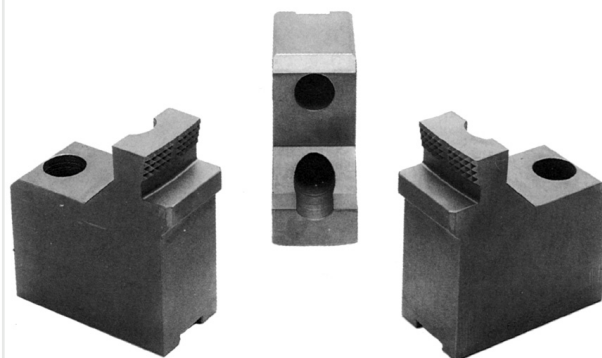
On the following pages you will find some examples of special hard jaws.



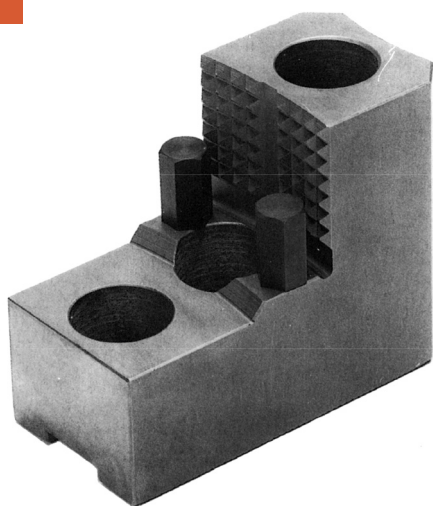
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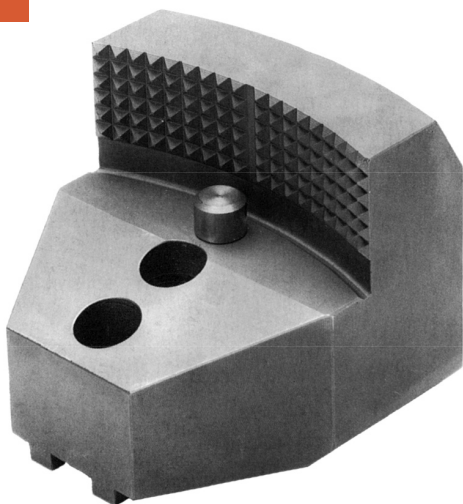
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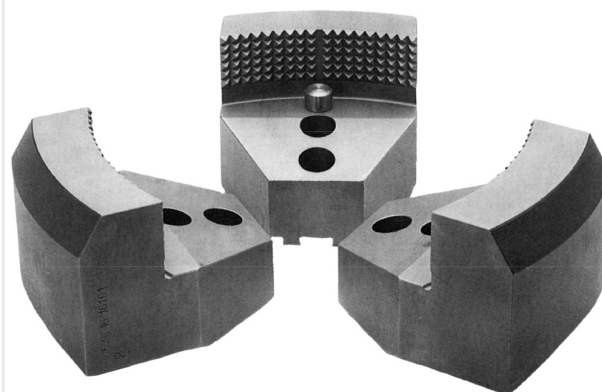
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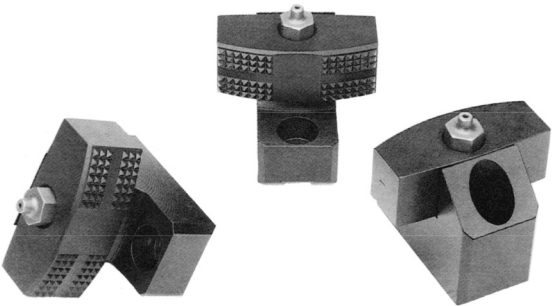
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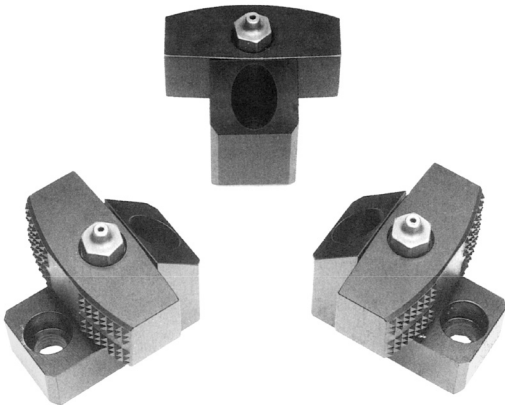
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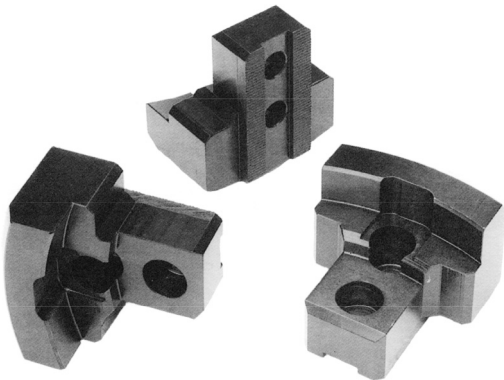
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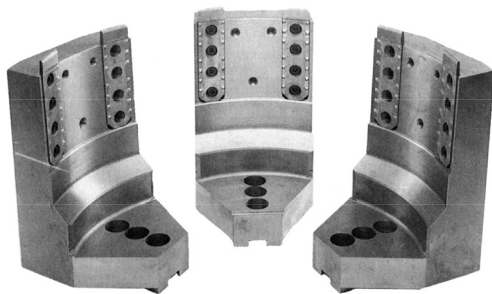
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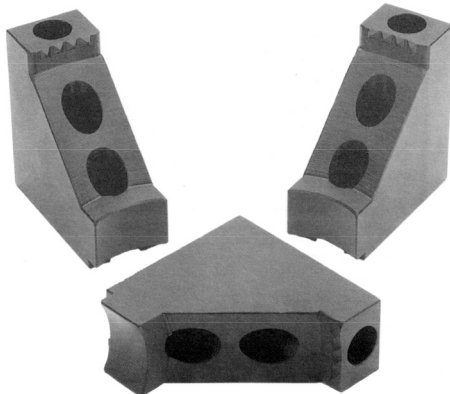
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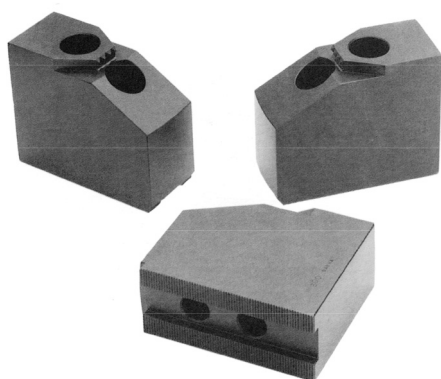
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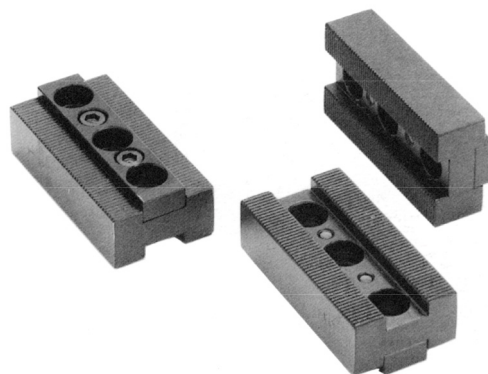
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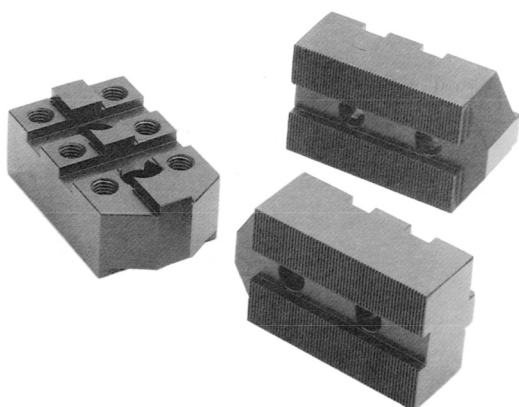
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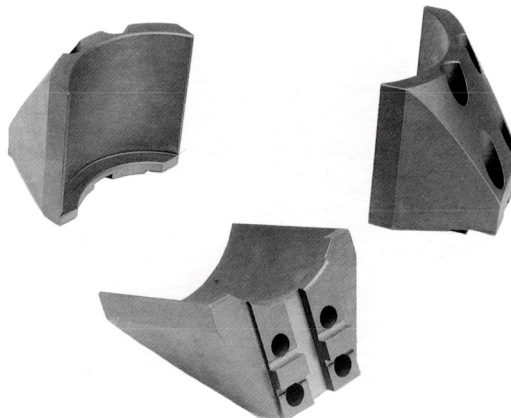
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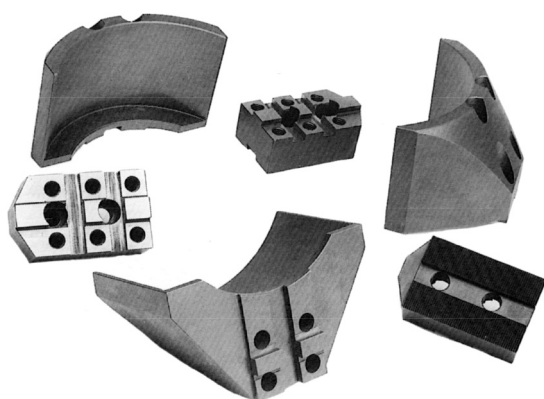
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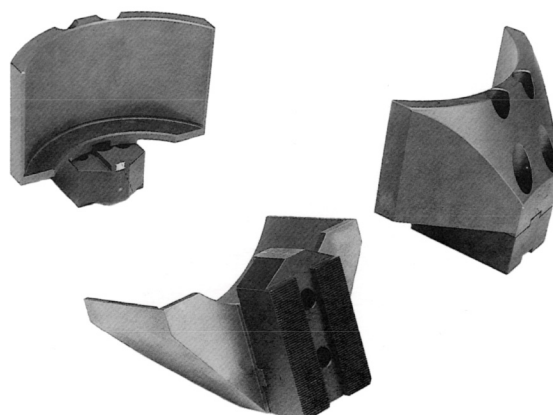
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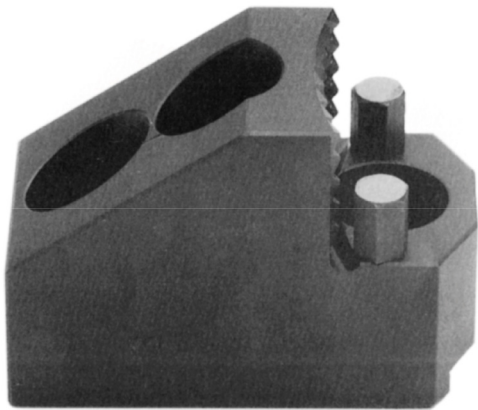
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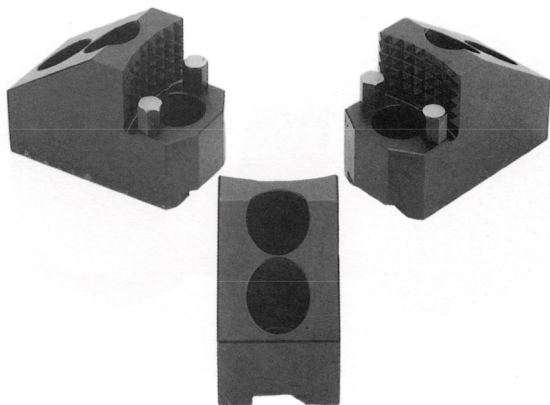
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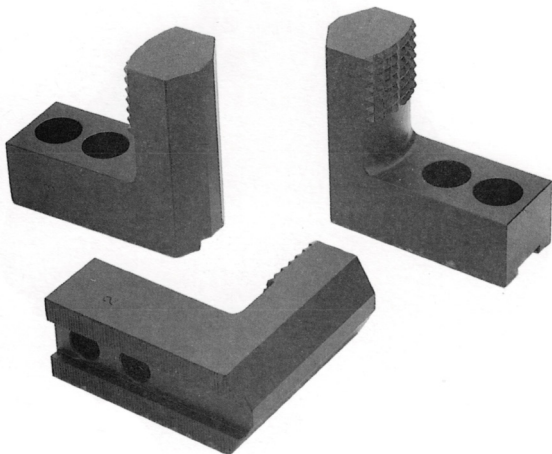
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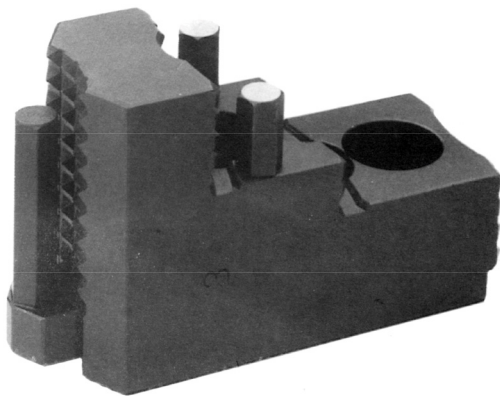
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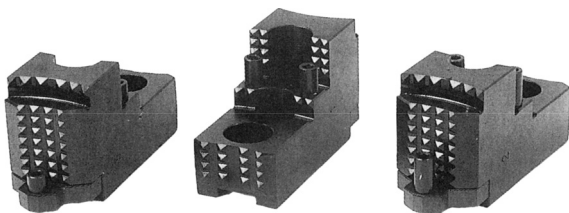
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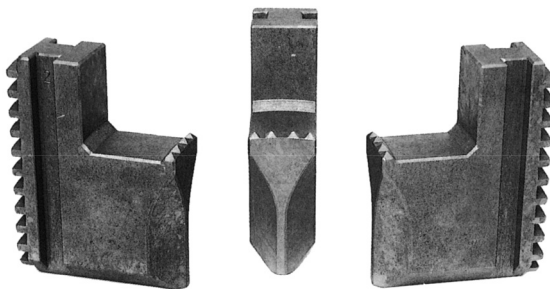
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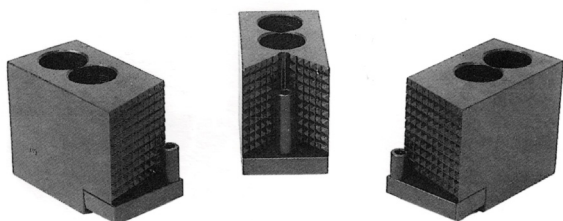
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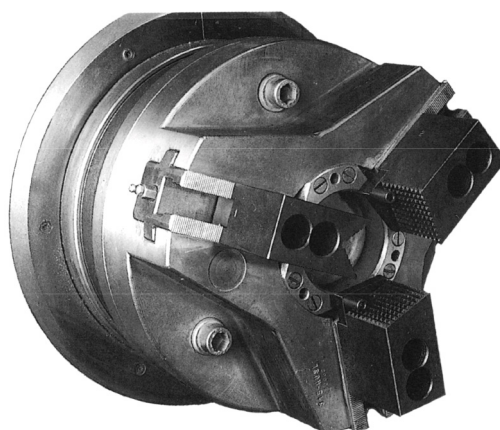
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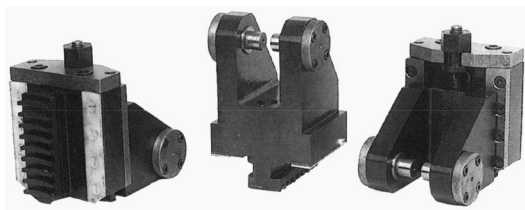
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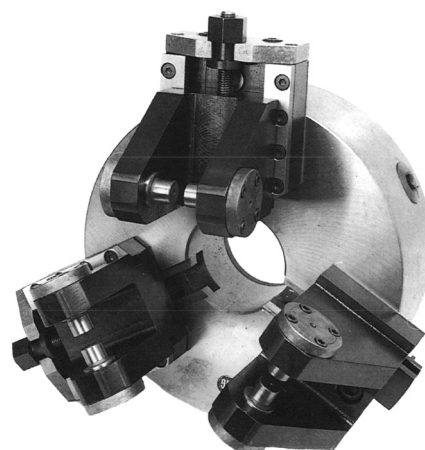
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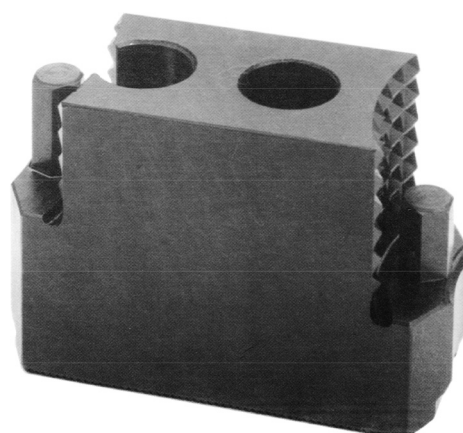
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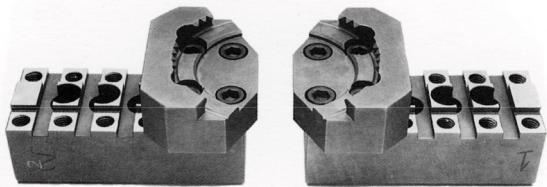
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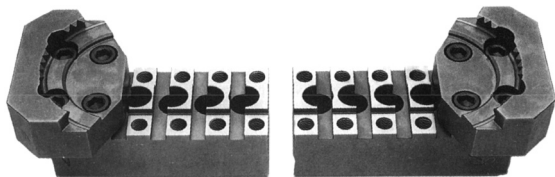
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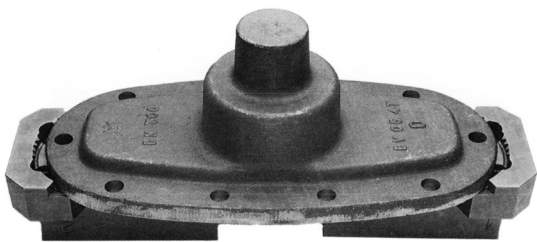
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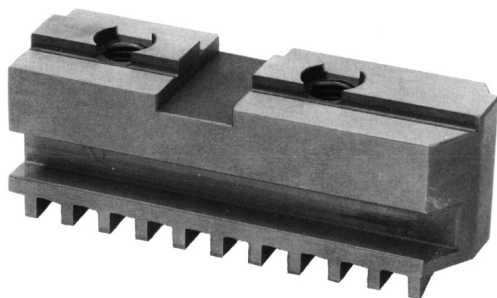
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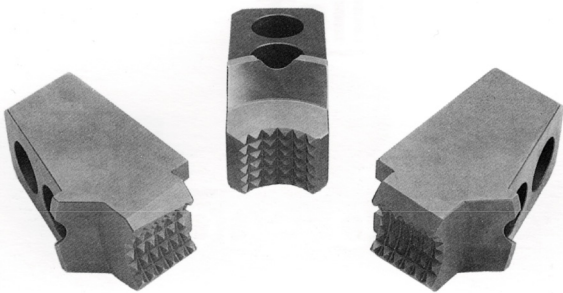
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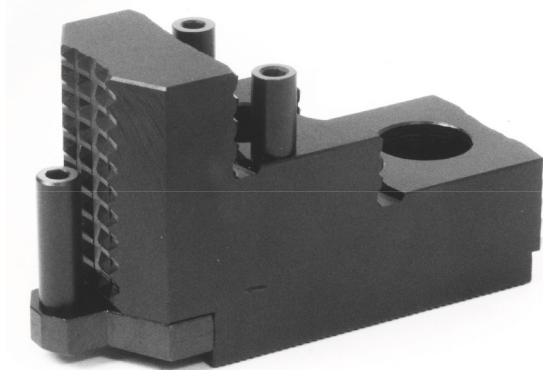
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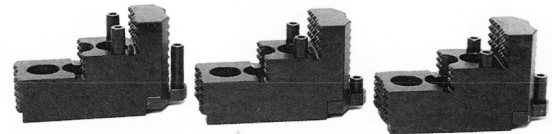
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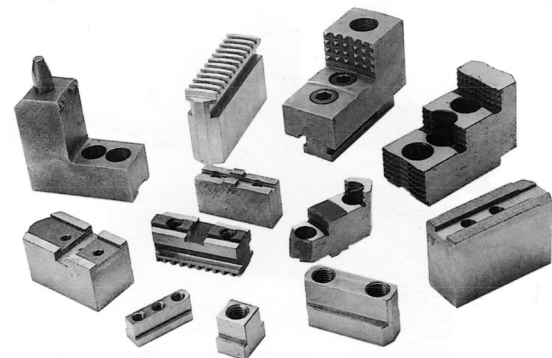
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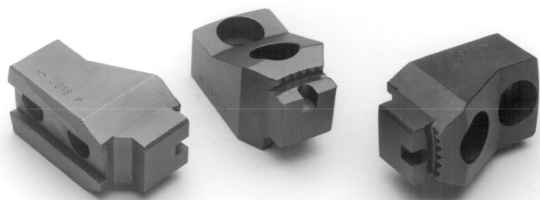
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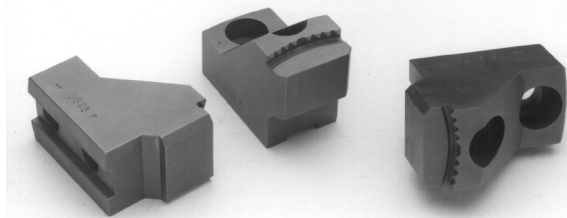
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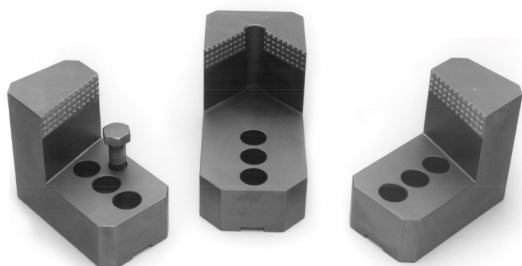
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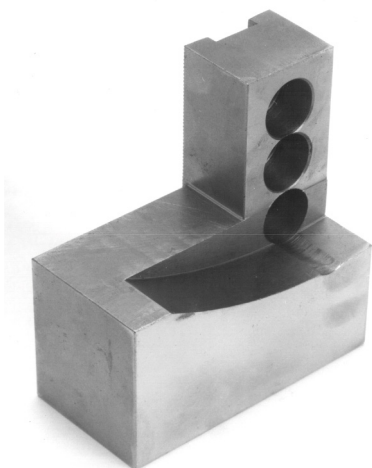
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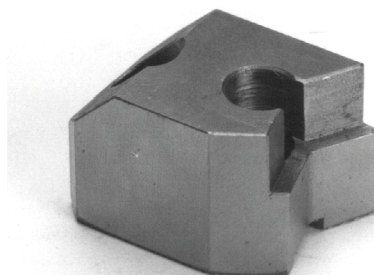
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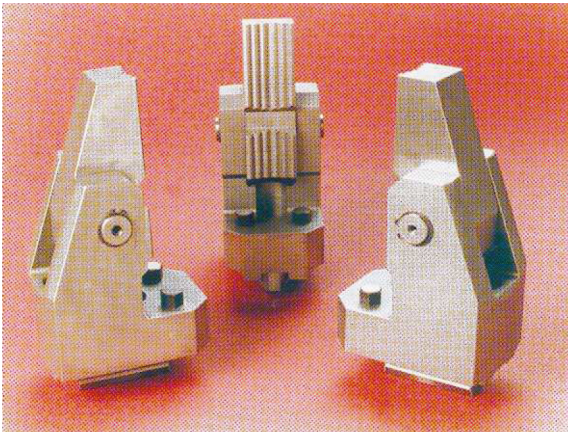
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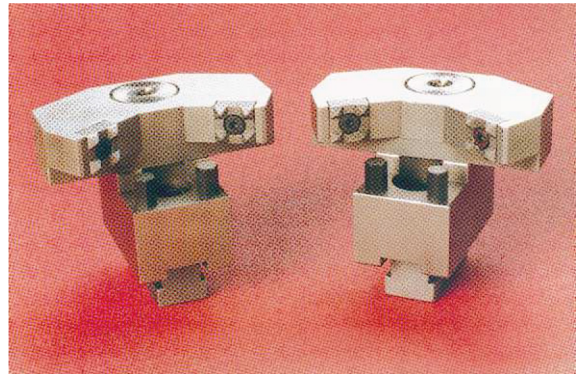
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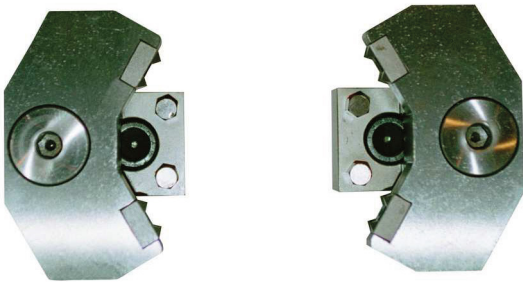
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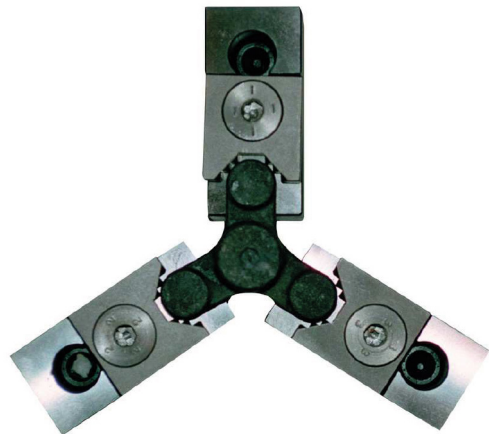
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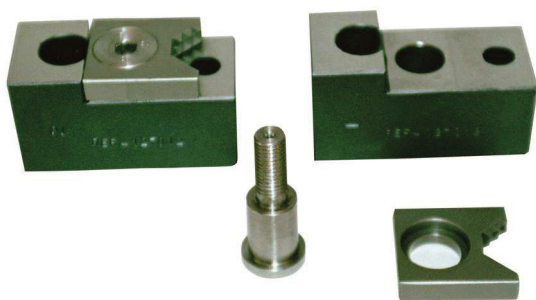
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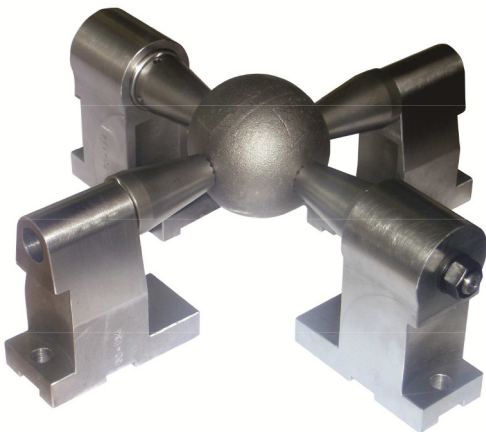
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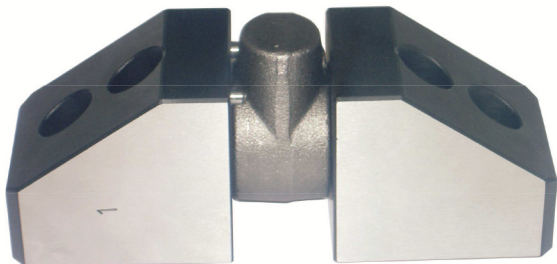
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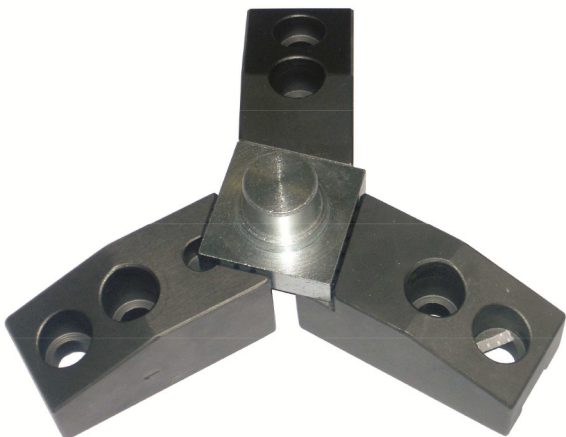
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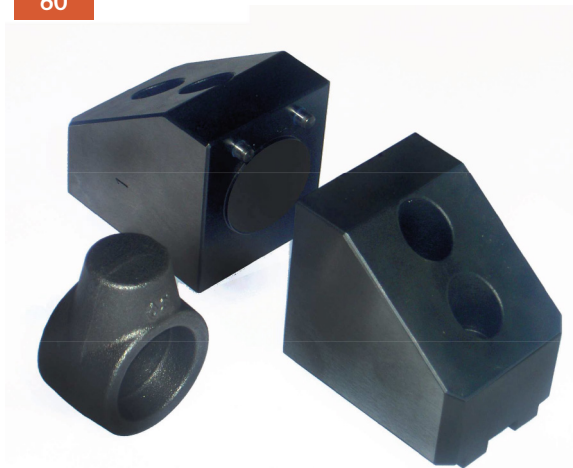
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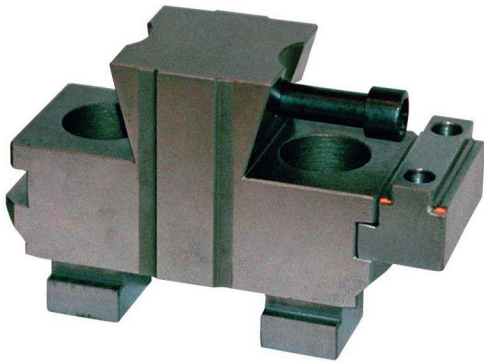
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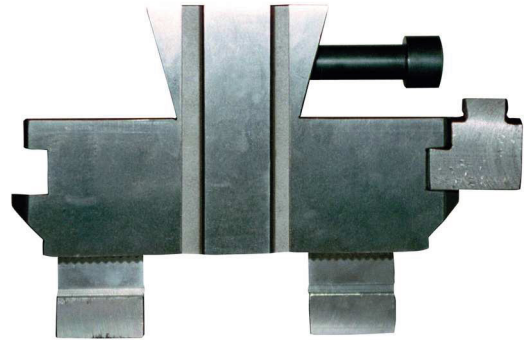
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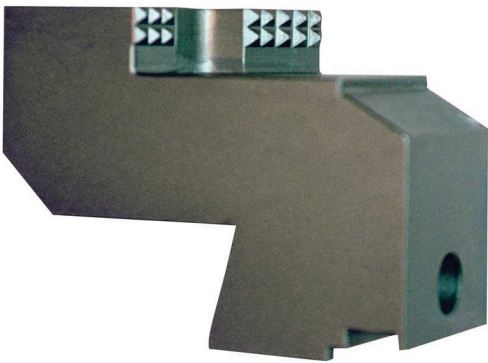
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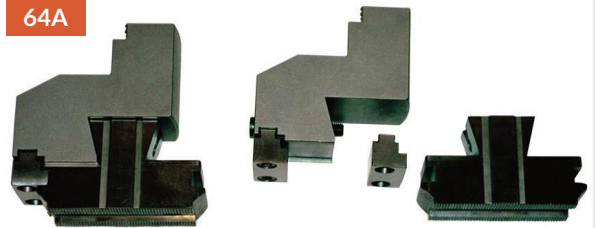
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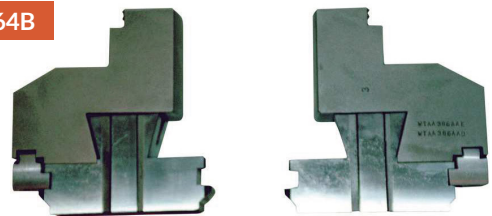
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64B



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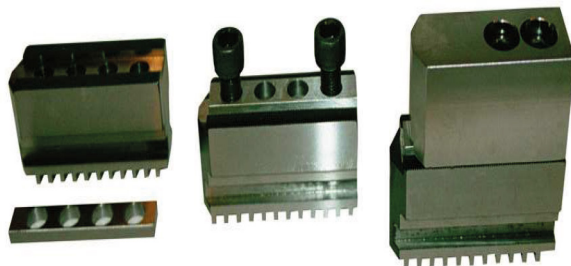
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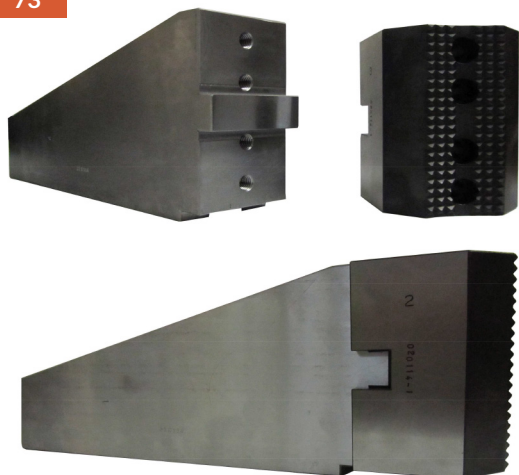
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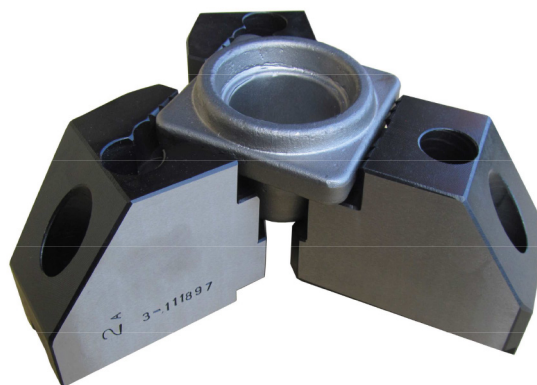
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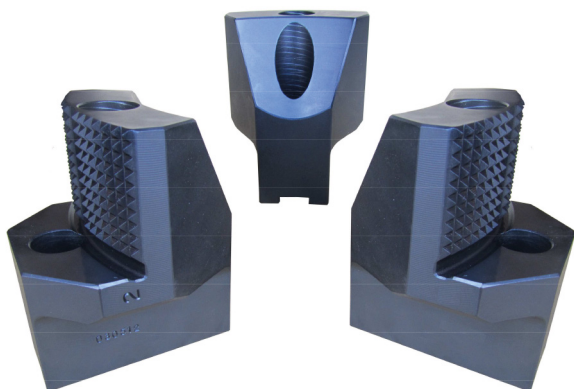
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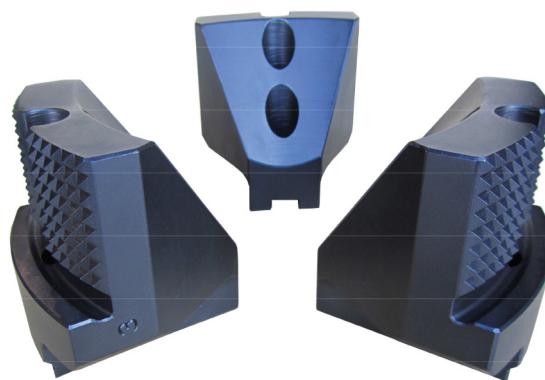
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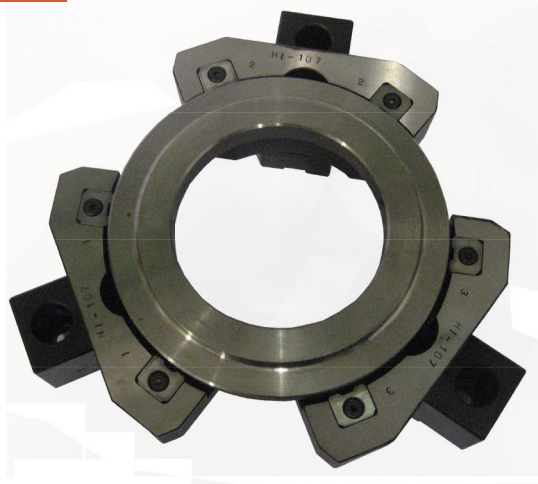
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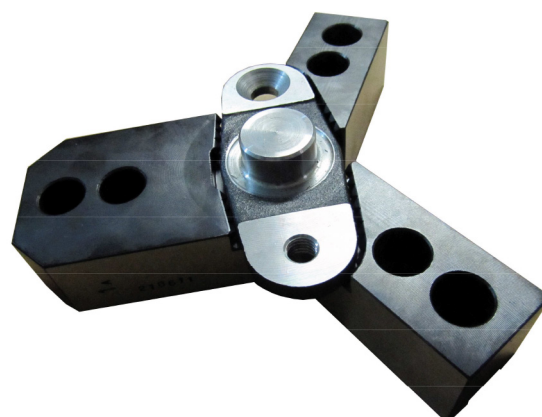
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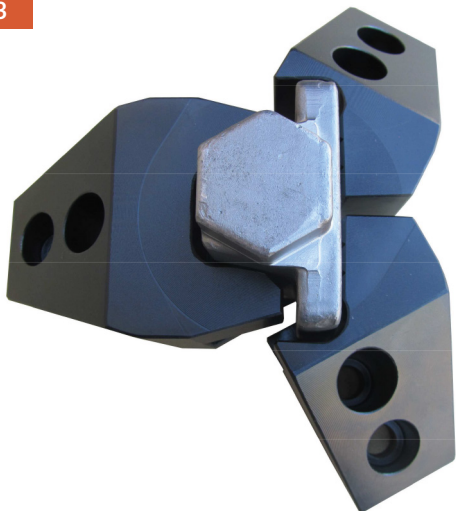
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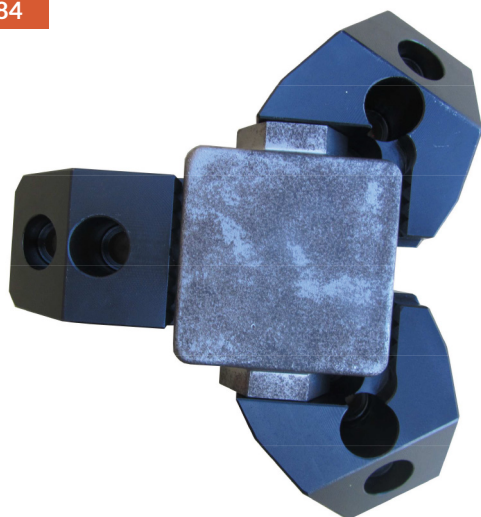
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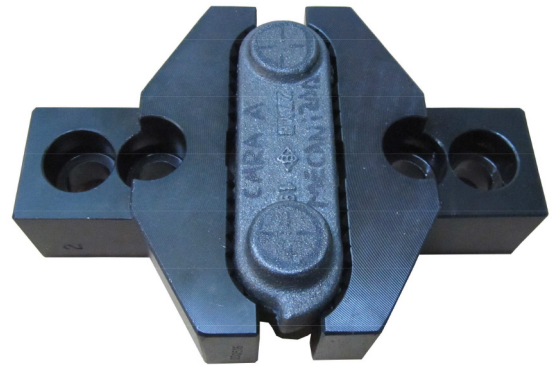
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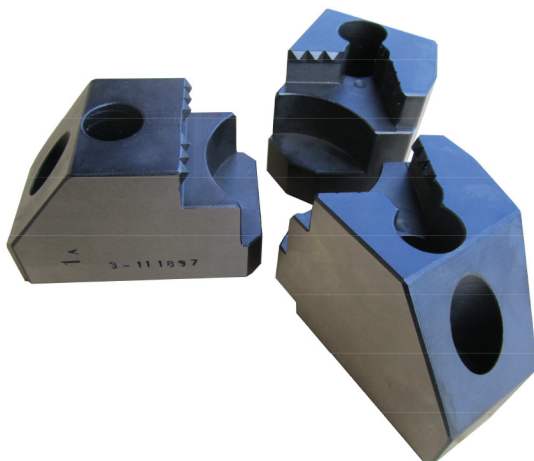
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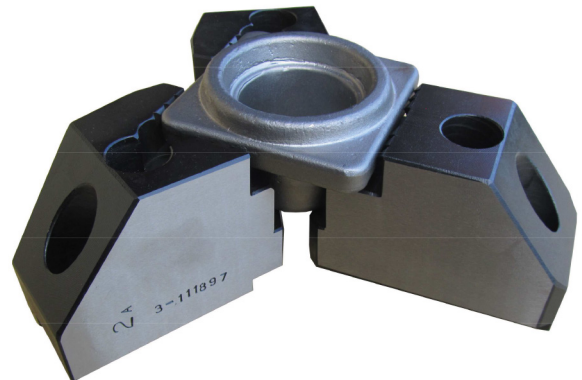
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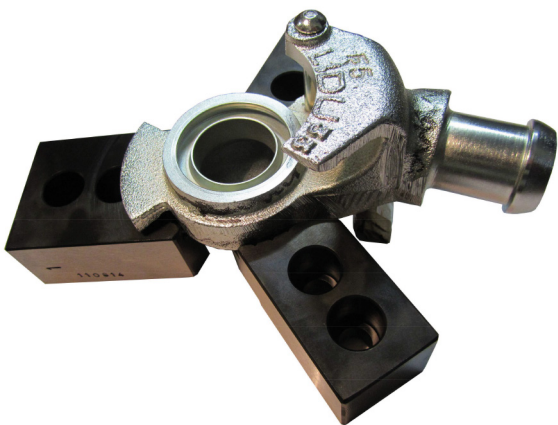
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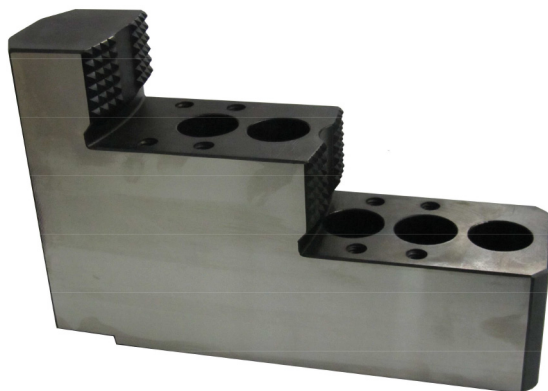
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NOTAS / NOTES



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