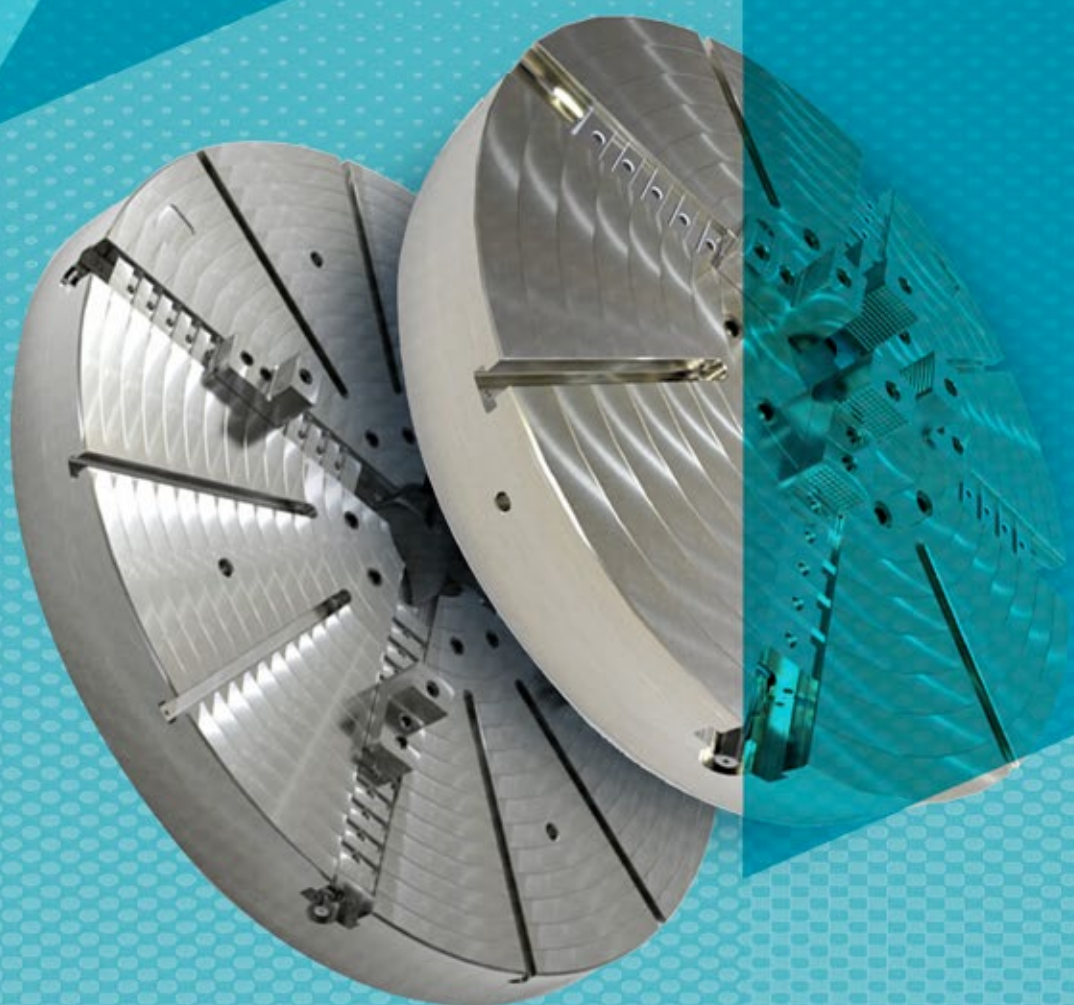




PLATOS MANUALES
DE GRAN DIÁMETRO
BIG DIAMETER
MANUAL CHUCKS



TDG
Clamping
Solutions
Gernika Since 1916



TDG
**Clamping
Solutions**
Gernika Since 1916

Lleva presente en el mundo de la máquina herramienta desde su fundación en 1916. Durante este largo periodo ha sido capaz de amoldarse a los constantes cambios producidos dentro del sector, adaptando sus tecnologías de fabricación y su gama de productos a las necesidades del mercado.

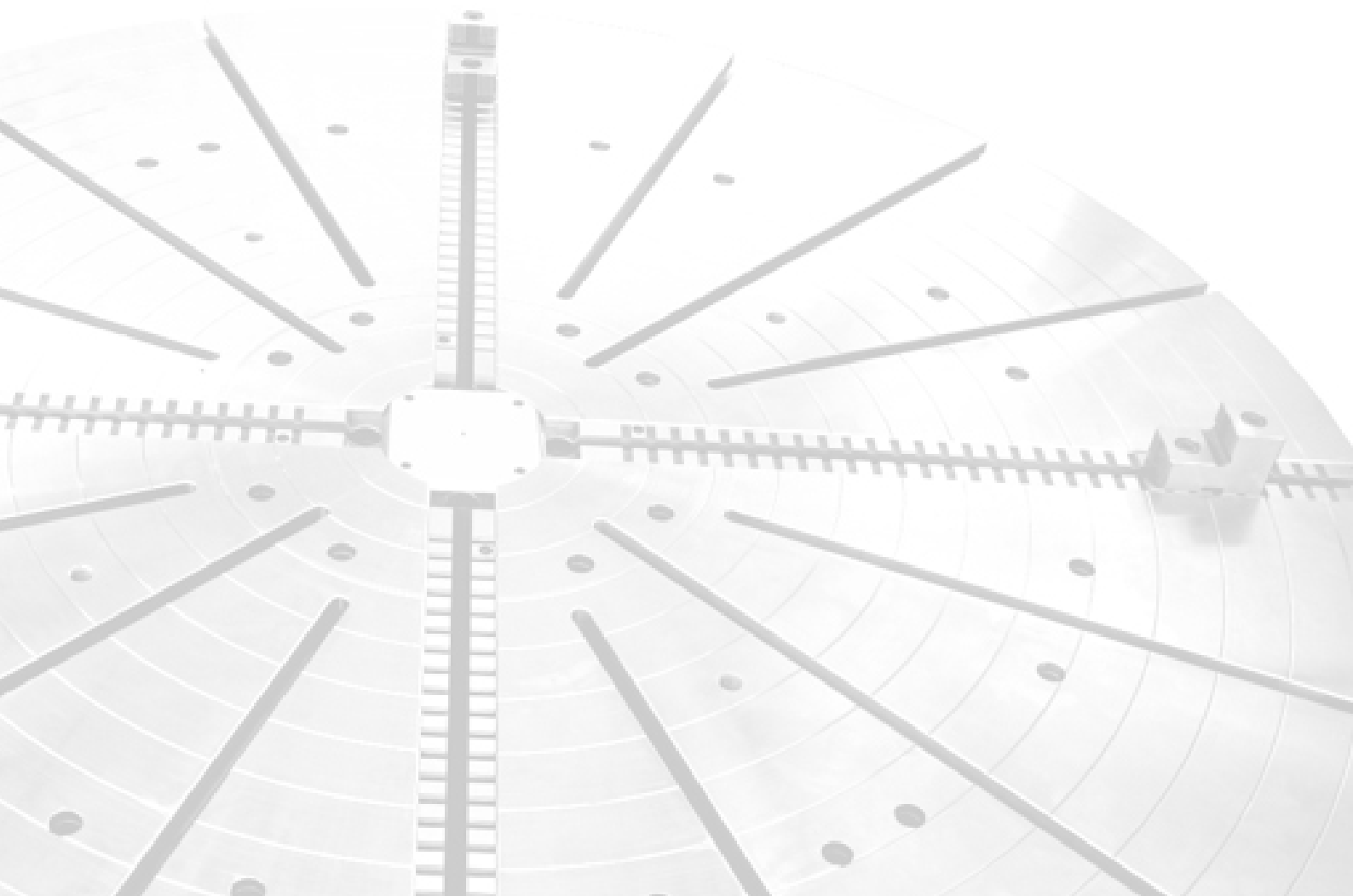
Este catálogo presenta los productos que constituyen la oferta actual de TDG CLAMPING SOLUTIONS, oferta que, por otra parte, está en permanente evolución, ya que el hecho de estar especializados en accesorios que giran alrededor del torno, así como nuestro deseo de superación, nos obliga a la incorporación de nuevos productos de manera constante.

Has been present in the machine tool market since its foundation in 1916.

During this long period of time TDG has been able to allow for the constant changes within the industry, adapting its manufacturing technology and its range of products to the needs of the market.

This catalogue presents the products that, at present, constitute the range of goods manufactured and supplied by TDG CLAMPING SOLUTIONS. This

offer is in constant evolution as a result of our aim for improvement, specialising on lathe accessories, which oblige a constant application of new solutions in workpiece turning.



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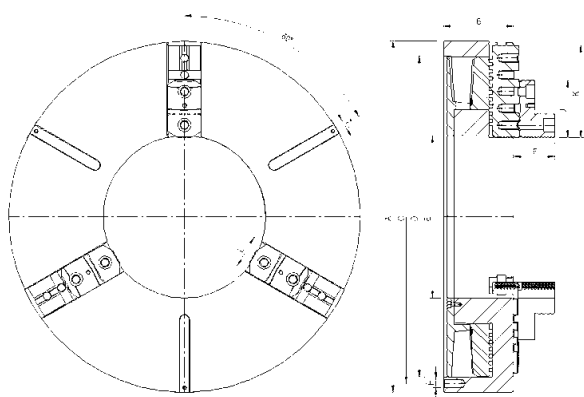
Manual Chucks

Big diameter TDEG 3 & 4 Jaw Self Centering Chucks
TdeG 4 Jaw independent Chucks One piece
TdeG 4 two piece jaw independent chucks
Heavy duty 4 jaw independent chuck
Super Heavy duty 4 jaw independent chuck XL
Extra Heavy duty 4 jaw independent chuck XXL
Self Centering VTL chucks
Heavy duty 4 jaw independent chucks for VTL lathe
Oil country 3 jaw self centering chucks
Oil country 4 jaw independent chucks
Large diameter combination Precision chucks
Power clamping screws chuck
Face plates
Large diameter combination chucks
Box Jaws
Lathe spindles

PLATOS MANUALES

Platos Autocentrantes de 3 y 4 Garras de Gran diámetro

Big diameter TDG 3 & 4 Jaw Self Centering Chucks



A mm	A inch	B	C	D	E _{max}	F	K	H	L	P	T slots	J
500	20	141	458	400	165	81	175	6xM16	45	6		127
650	25	140	586	545	205	81	175	6xM16	45	7	4x18	127
700	27 1/2	145	660	605	225	93	218	6xM20	60	8	4x18	130
800	31 1/2	155	760	730	268	93	218	6xM20	60	8	4x18	130
900	35 2/5	165	850	810	375	93	218/296	6xM22	60	8	4x18	130
1000	39 2/5	165	950	910	390	93	296	6xM24	60	10	4x18	130
1200	47	185	950	910	485	94	340/375	6xM24	75	10	4x18	130
1400	55	185	950	910	485	94	375/430	6xM24	75	10	4x18	130
1600	63	190	1050	910	485	94	530	6xM30	75	10	8x22	130
1800	72	200	1050	910	485	94	800	6xM30	75	10	8x22	130

- Cuerpo de acero forjado, opción hierro fundido ø500-630
- Garras superiores duras incluidas. Fijación según norma ASA
- Medidas del plato según norma DIN 6350 en ø160-200
- Tolerancias de centraje bajo norma UNE 15-430-94 / ISO 3089:1991
- Endurecimiento químico en zonas de fricción ø160-500
- Temple por inducción en zonas de deslizamiento en ø630-1800
- Otras medidas superiores bajo consulta
- Pesos aproximados

- Steel body. Cast iron option in ø500-630
- ASA, cross tenon, hard reversible top jaws included
- Chuck sizes according to DIN 6350 norm in ø160-200
- Centering tolerances according to UNE 15-430-94 / ISO 3089:1991 norm
- Other bigger dimensions on request
- Aproximated weights



Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso 3G	Peso 4G	Ømax. Amarre	Ø Min Amarre	Peso max. entre plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight 3J	Weight 4J	Max Clamping Ø	Min Clamping Ø	Max.Weight between chuck and tailstock
500	20	Hierro fundido/Cast Iron	688	40 Da.N.M.	12500 DAN	175	180	500	35	3000
500	20	Acero/Steel	1222	40 Da.N.M.	12500 DAN	189	194	500	35	3000
630	24	Hierro fundido/Cast Iron	546	40 Da.N.M.	12500 DAN	223	228	630	100	3500
630	24	Acero/Steel	970	40 Da.N.M	12500 DAN	242	247	630	100	3500
700	27 1/2	Acero/Steel	873	70 Da.N.M	13500 DAN	335	341	700	85	4500
800	31 1/2	Acero/Steel	764	75 Da.N.M	13000 DAN	410	415	800	125	5000
900	35 2/5	Acero/Steel	679	75 Da.N.M	12500 DAN	565	570	900	150	5000
1000	39 2/5	Acero/Steel	611	90 Da.N.M	12000 DAN	721	730	1000	200	6000
1200	47	Acero/Steel	509	100 Da.N.M	13300 DAN	1200	1230	1200	240	7500
1400	55	Acero/Steel	437	100 Da.N.M	13300 DAN	1850	1900	1400	240	8000
1600	63	Acero/Steel	382	110 Da.N.M	14500 DAN	2800	2870	1600	240	8000
1800	72	Acero/Steel	340	110 Da.N.M	14500 DAN	4300	4400	1800	240	8000

MANUAL CHUCKS

Platos Autocentrantes de 3 y 4 Garras de Gran diámetro Big diameter TDG 3 & 4 Jaw Self Centering Chucks

3 GARRAS / 3 JAWS												
Plato SIZE		SIN ACOPLAMIENTO RECESS MOUNT		CAMLOCK D1 DIN 55029			DIN 55026			DIN 55027		
Ø mm	Ø inch.	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
500	20	1UF3R50000	1UA3R50000	D-11	1UF3R50046	1UA3R50046	A2-11	1UF3R50016	1UA3R50016	11	1UF3R50026	1UA3R50026
630	24	1UF3R63000	1UA3R63000	D-11 D-15	1UF3R63046 1UF3R63047	1UA3R63046 1UA3R63047	A2-11 A2-15	1UF3R63016 1UF3R63017	1UA3R63016 1UA3R63017	11 15	1UF3R63026 1UF3R63027	1UA3R63026 1UA3R63027
700	27 1/2		1UA3R70000	D-11 D-15		1UA3R70046 1UA3R70047	A2-11 A2-15		1UA3R70016 1UA3R70017	11 15		1UA3R70026 1UA3R70027
800	31 1/2		1UA3R80000	D-11 D-15		1UA3R80046 1UA3R80047	A2-11 A2-15		1UA3R80016 1UA3R80017	11 15		1UA3R80026 1UA3R80027
900	35 2/5		1UA3R90000	D-11 D-15		1UA3R90046 1UA3R90047	A2-11 A2-15		1UA3R90016 1UA3R90017	11 15		1UA3R90026 1UA3R90027
1000	39 2/5		1UA3R01000	D-11 D-15 D-20		1UA3R01046 1UA3R01047 1UA3R01048	A2-11 A2-15 A2-20		1UA3R01016 1UA3R01017 1UA3R01018	11 15 20		1UA3R01026 1UA3R01027 1UA3R01028
1200	48		1UA3R01200	D-11 D-15 D-20		1UA3R01246 1UA3R01247 1UA3R01248	A2-11 A2-15 A2-20		1UA3R01216 1UA3R01217 1UA3R01218	11 15 20		1UA3R01226 1UA3R01227 1UA3R01228
1300	52		1UA3R01300	D-15 D-20		1UA3R01347 1UA3R01348	A2-15 A2-20		1UA3R01317 1UA3R01318	15 20		1UA3R01327 1UA3R01328
1400	56		1UA3R01400	D-15 D-20		1UA3R01447 1UA3R01448	A2-15 A2-20		1UA3R01417 1UA3R01418	15 20		1UA3R01427 1UA3R01428
1600	64		1UA3R01600	D-15 D-20		1UA3R01647 1UA3R01648	A2-15 A2-20		1UA3R01617 1UA3R01618	15 20		1UA3R01627 1UA3R01628
1800	72		1UA3R01800	D-15 D-20		1UA3R01847 1UA3R01848	A2-15 A2-20		1UA3R01817 1UA3R01818	15 20		1UA3R01827 1UA3R01828

4 GARRAS / 4 JAWS												
Plato SIZE		SIN ACOPLAMIENTO RECESS MOUNT		CAMLOCK D1 DIN 55029			DIN 55026			DIN 55027		
Ø mm	Ø inch.	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
500	20	1UF4R50000	1UA4R50000	D-11	1UF4R50046	1UA4R50046	A2-11	1UF4R50016	1UA4R50016	11	1UF4R50026	1UA4R50026
630	24	1UF4R63000	1UA4R63000	D-11 D-15	1UF4R63046 1UF4R63047	1UA4R63046 1UA4R63047	A2-11 A2-15	1UF4R63016 1UF4R63017	1UA4R63016 1UA4R63017	11 15	1UF4R63026 1UF4R63027	1UA4R63026 1UA4R63027
700	27 1/2		1UA4R70000	D-11 D-15		1UA4R70046 1UA4R70047	A2-11 A2-15		1UA4R70016 1UA4R70017	11 15		1UA4R70026 1UA4R70027
800	31 1/2		1UA4R80000	D-11 D-15		1UA4R80046 1UA4R80047	A2-11 A2-15		1UA4R80016 1UA4R80017	11 15		1UA4R80026 1UA4R80027
900	35 2/5		1UA4R90000	D-11 D-15		1UA4R90046 1UA4R90047	A2-11 A2-15		1UA4R90016 1UA4R90017	11 15		1UA4R90026 1UA4R90027
1000	39 2/5		1UA4R01000	D-11 D-15 D-20		1UA4R01046 1UA4R01047 1UA4R01048	A2-11 A2-15 A2-20		1UA4R01016 1UA4R01017 1UA4R01018	11 15 20		1UA4R01026 1UA4R01027 1UA4R01027
1200	48		1UA4R01200	D-11 D-15 D-20		1UA4R01246 1UA4R01247 1UA4R01248	A2-11 A2-15 A2-20		1UA4R01216 1UA4R01217 1UA4R01218	11 15 20		1UA4R01226 1UA4R01227 1UA4R01228
1300	52		1UA4R01300	D-15 D-20		1UA4R01347 1UA4R01348	A2-15 A2-20		1UA4R01317 1UA4R01318	15 20		1UA4R01327 1UA4R01328
1400	56		1UA4R01400	D-15 D-20		1UA4R01447 1UA4R01448	A2-15 A2-20		1UA4R01417 1UA4R01418	15 20		1UA4R01427 1UA4R01428
1600	64		1UA4R01600	D-15 D-20		1UA4R01647 1UA4R01648	A2-15 A2-20		1UA4R01617 1UA4R01618	15 20		1UA4R01627 1UA4R01628
1800	72		1UA4R01800	D-15 D-20		1UA4R01847 1UA4R01848	A2-15 A2-20		1UA4R01817 1UA4R01818	15 20		1UA4R01827 1UA4R01828

PLATOS MANUALES

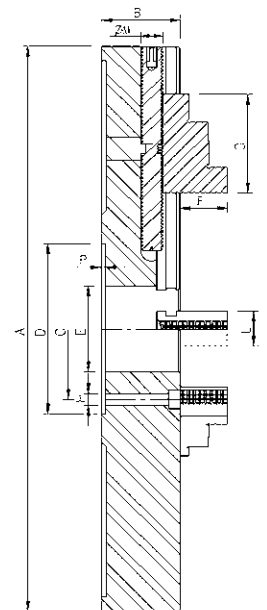
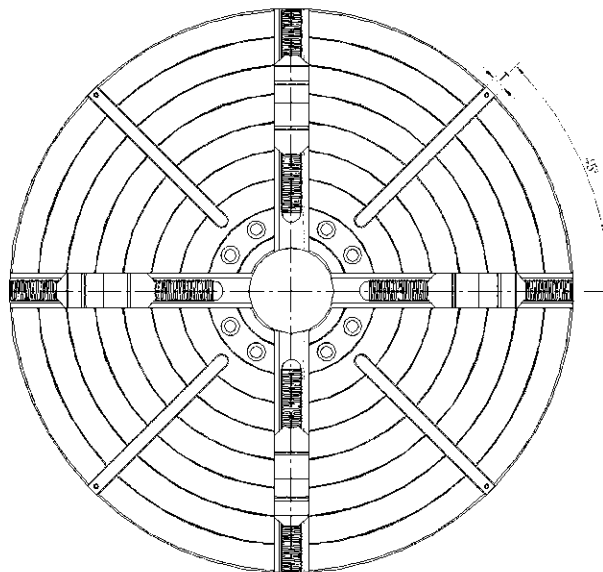
Platos de 4 Garras Independientes Monoblock TDG

TDG 4 Jaw Independent Chucks One piece jaws



- Cuerpo de acero o fundición
- Garras reversibles monobloc
- Acoplamiento directo
- Husillos templados y rectificadas
- Ranuras en "T" a partir de diámetro 500mm (20")
- Otras medidas superiores bajo consulta
- Pesos aproximados

- Cast iron or steel body
- Solid reversible jaws
- Direct mounting
- Operating screws hardened and ground
- "T" slots for diameters 500mm (20") and above
- Other bigger dimensions on request
- Aproximated weights



Ø mm	Ø inch	B	C	D	E	F	G	H	L	P	T-slots	M
500	20	80	220	250	100	89	175	8XM18	50	5	4x18	Ø32mm.
600	24	100	220	250	100	89	175	8XM18	50	5	4x22	Ø40mm.
700	28	120	220	250	120	89	175	8XM18	50	5	4x22	Ø40mm.
800	32	125	220	250	135	89	175	8XM18	50	5	4x22	Ø40mm.
900	36	135	220	250	140	89	175	8XM18	50	5	4x22	Ø40mm.
1000	40	140	250	300	150	89	200	8XM20	60	7	4x22	Ø40mm.
1200	48	145	250	300	160	89	200	8XM20	60	7	4x22	Ø40mm.
1400	56	150	250	300	160	89	200	8XM24	60	7	4x22	Ø40mm.
1500	60	165	250	300	160	89	200	8XM24	60	7	4x22	Ø40mm.

MANUAL CHUCKS

Platos de 4 Garras
 Independientes
 Monoblock TDG

TDG 4 Jaw
 Independent Chucks
 One piece jaws

		Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso	Ømax. Amarre	Ø Min Amarre	Peso max. plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø	Max. Weight Between chuck and tailstock
500	20	Hierro fundido/Cast Iron	688	36 Da.N.M.	2000 DAN	80	500	20	3000
500	20	Acero/Steel	1222	36 Da.N.M.	2000 DAN	123	500	20	3000
600	24	Hierro fundido/Cast Iron	546	50 Da.N.M.	3500 DAN	120	600	30	5000
600	24	Acero/Steel	970	50 Da.N.M.	3500 DAN	200	600	30	5000
700	28	Hierro fundido/Cast Iron	491	60 Da.N.M.	4000 DAN	205	700	30	5000
700	28	Acero/Steel	873	60 Da.N.M.	4000 DAN	320	700	30	5000
800	32	Hierro fundido/Cast Iron	430	60 Da.N.M.	4000 DAN	295	800	30	6000
800	32	Acero/Steel	764	60 Da.N.M.	4000 DAN	445	800	30	6000
900	36	Hierro fundido/Cast Iron	382	60 Da.N.M.	4000 DAN	410	900	30	6000
900	36	Acero/Steel	679	60 Da.N.M.	4000 DAN	610	900	30	6000
1000	40	Hierro fundido/Cast Iron	344	70 Da.N.M.	5500 DAN	515	1000	55	8000
1000	40	Acero/Steel	611	70 Da.N.M.	5500 DAN	785	1000	55	8000
1200	48	Hierro fundido/Cast Iron	286	70 Da.N.M.	5500 DAN	750	1200	55	8000
1200	48	Acero/Steel	509	70 Da.N.M.	5500 DAN	1040	1200	55	8000
1400	56	Hierro fundido/Cast Iron	246	70 Da.N.M.	5500 DAN	890	1400	55	8000
1400	56	Acero/Steel	437	70 Da.N.M.	5500 DAN	1600	1400	55	8000
1500	60	Hierro fundido/Cast Iron	229	70 Da.N.M.	5500 DAN	990	1500	55	8000
1500	60	Acero/Steel	407	70 Da.N.M.	5500 DAN	1950	1500	55	8000

Ø Plato SIZE		Sin acoplamiento RECESS BACK		CAM-LOCK			DIN 55026			DIN 55027		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
				D-11	1F4M70046	1A4M70046	A-11	1F4M70016	1A4M70016	15	1F4M70027	1A4M70027
500	20	1F4M50000	1A4M50000	D-6	1F4M50044	1A4M50044	A-6	1F4M50014	1A4M50014	6	1F4M50024	1A4M50024
				D-8	1F4M50045	1A4M50045	A-8	1F4M50015	1A4M50015	8	1F4M50025	1A4M50025
				D-11	1F4M50046	1A4M50046	A-11	1F4M50016	1A4M50016	11	1F4M50026	1A4M50026
600	24	1F4M60000	1A4M60000	D-8	1F4M60045	1A4M60045	A-8	1F4M60015	1A4M60015	6	1F4M60024	1A4M60024
				D-11	1F4M60046	1A4M60046	A-11	1F4M60016	1A4M60016	8	1F4M60025	1A4M60025
										11	1F4M60026	1A4M60026
700	28	1F4M70000	1A4M70000	D-8	1F4M70045	1A4M70045	A-8	1F4M70015	1A4M70015	8	1F4M70025	1A4M70025
				D-11	1F4M70046	1A4M70046	A-11	1F4M70016	1A4M70016	11	1F4M70026	1A4M70026
										15	1F4M70027	1A4M70027
800	31	1F4M80000	1A4M80000	D-8	1F4M80045	1A4M80045	A-8	1F4M80015	1A4M80015	8	1F4M80025	1A4M80025
				D-11	1F4M80046	1A4M80046	A-11	1F4M80016	1A4M80016	11	1F4M80026	1A4M80026
							A-15	1F4M50017	1A4M80017	15	1F4M80027	1A4M80027
900	38	1F4M90000	1A4M90000	D-11	1F4M90046	1A4M90046	A-11	1F4M90016	1A4M90016	8	1F4M90025	1A4M90025
							A-15	1F4M90017	1A4M90017	11	1F4M90026	1A4M90026
										15	1F4M90027	1A4M90027
1000	39	1F4M01000	1A4M01000	D-11	1F4M01046	1A4M01046	A-11	1F4M01016	1A4M01016	8	1F4M01025	1A4M01025
				D-15	1F4M01047	1A4M01047	A-15	1F4M01017	1A4M01017	11	1F4M01026	1A4M01026
										15	1F4M01027	1A4M01027
1200	47	1F4M01200	1A4M01200	D-11	1F4M01246	1A4M01246	A-11	1F4M01216	1A4M01216	11	1F4M01226	1A4M01226
				D-15	1F4M01247	1A4M01247	A-15	1F4M01217	1A4M01217	15	1F4M01227	1A4M01227
							A-20	1F4M01218	1A4M01218	20	1F4M01228	1A4M01228
1400	55	1F4M01400	1A4M01400	D-11	1F4M01446	1A4M01446	A-11	1F4M01416	1A4M01416	11	1F4M01426	1A4M01426
				D-15	1F4M01447	1A4M01447	A-15	1F4M01417	1A4M01417	15	1F4M01427	1A4M01427
							A-20	1F4M01418	1A4M01418	20	1F4M01428	1A4M01428
1500	59	1F4M01500	1A4M01500	D-15	1F4M01547	1A4M01547	A-15	1F4M01517	1A4M01517	15	1F4M01527	1A4M01527
								1F4M01518	1A4M01518	20	1F4M01528	1A4M01528

PLATOS MANUALES

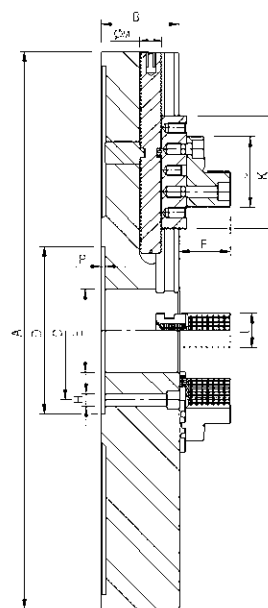
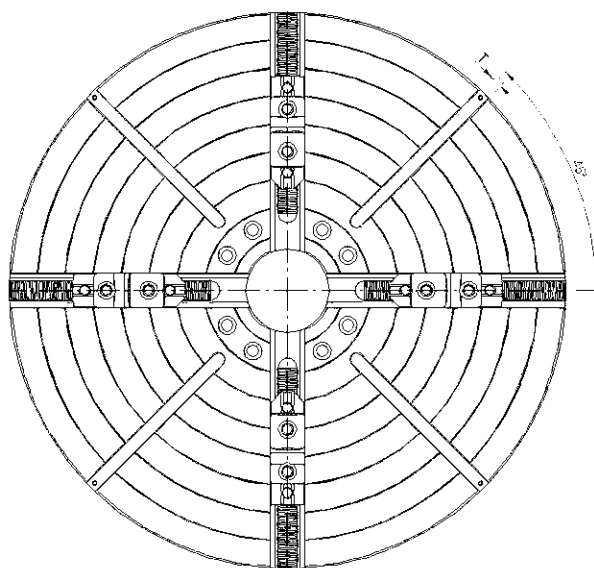
Platos de 4 garras partidas
independientes TDG

TDG 4 two piece jaw
independent chucks



- Cuerpo de acero o fundición
- Garras partidas según norma ASA
- Acoplamiento directo
- Husillos templados y rectificadas
- Ranuras en "T" a partir de diametro 500mm (20")
- Otras medidas superiores bajo consulta
- Pesos aproximados

- Cast iron or steel body
- Two piece jaws according to ASA norms jaws
- Direct mounting
- Operating screws hardened and ground
- "T" slots for diameters 500mm ("20") and above
- Other bigger dimensions on request
- Aproximated weights



Ø mm	Ø inch	B	C	D	E	F	K	J	L	T-slots	M
500	20	80	220	250	100	86	165	127	40	4x18	Ø32mm.
600	24	100	220	250	100	84	175	127	61	4x22	Ø40mm.
700	28	120	220	250	120	84	175	127	61	4x22	Ø40mm.
800	32	125	220	250	135	84	175	127	61	4x22	Ø40mm.
900	36	135	220	250	140	84	175	127	61	4x22	Ø40mm.
1000	40	140	250	300	150	91	203	127	61	4x22	Ø40mm.
1200	48	145	250	300	160	91	203	127	61	4x22	Ø40mm.
1400	56	150	250	300	160	91	203	127	61	4x22	Ø40mm.
1500	60	165	250	300	160	91	203	127	61	4x22	Ø40mm.

MANUAL CHUCKS

Platos de 4 garras partidas
independientes TDG

TDG 4 two piece jaw
independent chucks

		Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso	Ømax. Amarre	Ø Min Amarre	Peso max. plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø	Max. Weight Between chuck and tailstock
500	20	Hierro fundido/Cast Iron	688	36 Da.N.M.	2000 DAN	83	500	20	3000
500	20	Acero/Steel	1222	36 Da.N.M.	2000 DAN	126	500	20	3000
600	24	Hierro fundido/Cast Iron	546	50 Da.N.M.	3500 DAN	124	600	30	5000
600	24	Acero/Steel	970	50 Da.N.M.	3500 DAN	204	600	30	5000
700	28	Hierro fundido/Cast Iron	491	60 Da.N.M.	4000 DAN	210	700	30	5000
700	28	Acero/Steel	873	60 Da.N.M.	4000 DAN	325	700	30	5000
800	32	Hierro fundido/Cast Iron	430	60 Da.N.M.	4000 DAN	300	800	30	6000
800	32	Acero/Steel	764	60 Da.N.M.	4000 DAN	450	800	30	6000
900	36	Hierro fundido/Cast Iron	382	60 Da.N.M.	4000 DAN	415	900	30	6000
900	36	Acero/Steel	679	60 Da.N.M.	4000 DAN	615	900	30	6000
1000	40	Hierro fundido/Cast Iron	344	70 Da.N.M.	5500 DAN	520	1000	55	8000
1000	40	Acero/Steel	611	70 Da.N.M.	5500 DAN	790	1000	55	8000
1200	48	Hierro fundido/Cast Iron	286	70 Da.N.M.	5500 DAN	755	1200	55	8000
1200	48	Acero/Steel	509	70 Da.N.M.	5500 DAN	1045	1200	55	8000
1400	56	Hierro fundido/Cast Iron	246	70 Da.N.M.	5500 DAN	900	1400	55	8000
1400	56	Acero/Steel	437	70 Da.N.M.	5500 DAN	1605	1400	55	8000
1500	60	Hierro fundido/Cast Iron	229	70 Da.N.M.	5500 DAN	1000	1500	55	8000
1500	60	Acero/Steel	407	70 Da.N.M.	5500 DAN	1960	1500	55	8000

Ø Plato SIZE		Sin acoplamiento RECESS MOUNT		CAM-LOCK			DIN 55026			DIN 55027		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
500	20	1F4R50000	1A4R50000	D-6 D-8 D-11	1F4R50044 1F4R50045 1F4R50046	1A4R50044 1A4R50045 1A4R50046	A-6 A-8 A-11	1F4R50014 1F4R50015 1F4R50016	1A4R50014 1A4R50015 1A4R50016	6 8 11	1F4R50024 1F4R50025 1F4R50026	1A4R50024 1A4R50025 1A4R50026
600	24	1F4R60000	1A4R60000	D-8 D-11	1F4R60045 1F4R60046	1A4R60045 1A4R60046	A-8 A-11	1F4R60015 1F4R60016	1A4R60015 1A4R60016	6 8 11	1F4R60024 1F4R60025 1F4R60026	1A4R60024 1A4R60025 1A4R60026
700	28	1F4R70000	1A4R70000	D-8 D-11	1F4R70045 1F4R70046	1A4R70045 1A4R70046	A-8 A-11	1F4R70015 1F4R70016	1A4R70015 1A4R70016	8 11 15	1F4R70025 1F4R70026 1F4R70027	1A4R70025 1A4R70026 1A4R70027
800	32	1F4R80000	1A4R80000	D-8 D-11	1F4R80045 1F4R80046	1A4R80045 1A4R80046	A-8 A-11 A-15	1F4R80015 1F4R80016 1F4R80017	1A4R80015 1A4R80016 1A4R80017	8 11 15	1F4R80025 1F4R80026 1F4R80027	1A4R80025 1A4R80026 1A4R80027
900	36	1F4R90000	1A4R90000	D-11	1F4R90046	1A4R90046	A-11 A-15	1F4R90016 1F4R90017	1A4R90016 1A4R90017	8 11 15	1F4R90025 1F4R90026 1F4R90027	1A4R90025 1A4R90026 1A4R90027
1000	40	1F4R01000	1A4R01000	D-11 D-15	1F4R01046 1F4R01047	1A4R01046 1A4R01047	A-11 A-15	1F4R01016 1F4R01017	1A4R01016 1A4R01017	8 11 15	1F4R01025 1F4R01026 1F4R01027	1A4R01025 1A4R01026 1A4R01027
1200	48	1F4R01200	1A4R01200	D-11 D-15	1F4R01246 1F4R01247	1A4R01246 1A4R01247	A-11 A-15 A-20	1F4R01216 1F4R01217 1F4R01218	1A4R01216 1A4R01217 1A4R01218	11 15 20	1F4R01226 1F4R01227 1F4R01228	1A4R01226 1A4R01227 1A4R01228
1400	55	1F4R01400	1A4R01400	D-11 D-15	1F4R01446 1F4R01447	1A4R01446 1A4R01447	A-11 A-15 A-20	1F4R01416 1F4R01417 1F4R01418	1A4R01416 1A4R01417 1A4R01418	11 15 20	1F4R01426 1F4R01427 1F4R01428	1A4R01426 1A4R01427 1A4R01428
1500	60	1F4R01500	1A4R01500	D-15	1F4R01547	1A4R01547	A-15 A-20	1F4R01517 1F4R01518	1A4R01517 1A4R01518	15 20	1F4R01527 1F4R01528	1A4R01527 1A4R01528

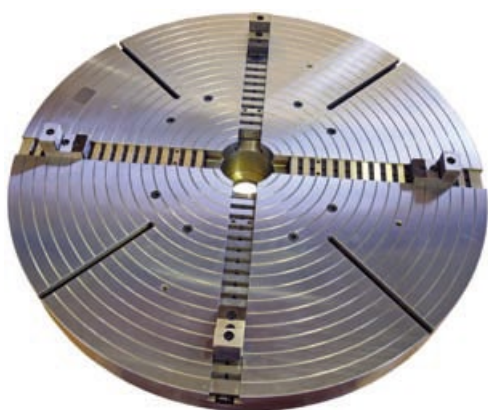
PLATOS MANUALES

Platos de 4 garras independientes para trabajos pesados

Heavy duty 4 jaw independent chuck

- Cuerpo de acero de gran robustez
- Garras partidas según norma ASA
- Garras base extralargas para mayor rigidez
- Acoplamiento directo
- Husillos templados y rectificadas
- Otras medidas superiores bajo consulta
- Pesos aproximados
- Repuestos bajo demanda
- Cajera Standard según ISO 702-4

- Heavy duty steel body
- Two piece jaws according to ASA norms jaws
- Direct mounting
- Long master jaws for added rigidity
- Operating screws hardened and ground
- Other bigger dimensions on request
- Approximated weights
- Spare parts on request
- Recess mount according to ISO 702-4



Garra Superior de un solo escalón
One Step Top Jaw Chucks



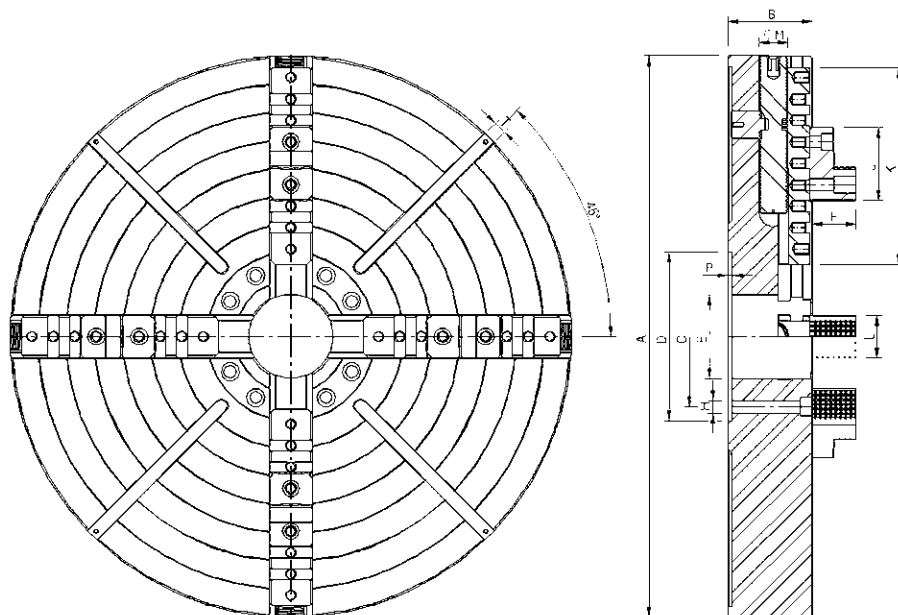
Garra base extralarga
Long Base Jaw

Ø Plato SIZE		Sin acoplamiento RECESS MOUNT		CAM-LOCK			DIN 55026		DIN 55027			
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
600	24		1IS4R60000	D-8 D-11		1IS4R60045 1IS4R60046	A-8 A-11		1IS4R60015 1IS4R60016	8 11		1IS4R60025 1IS4R60026
700	28		1IS4R70000	D-8 D-11		1IS4R70045 1IS4R70046	A-8 A-11		1IS4R70015 1IS4R70016	11 15		1IS4R70026 1IS4R70027
800	32		1IS4R80000	D-11 D-15		1IS4R80046 1IS4R80047	A-11 A-15		1IS4R80016 1IS4R80017	11 15		1IS4R80026 1IS4R80027
900	36		1IS4R90000	D-11 D-15		1IS4R90046 1IS4R90047	A-11 A-15		1IS4R90016 1IS4R90017	11 15		1IS4R90026 1IS4R90027
1000	40		1IS4R01000	D-11 D-15 D-20		1IS4R01046 1IS4R01047 1IS4R01048	A-11 A-15 A-20		1IS4R01016 1IS4R01017 1IS4R01018	11 15 20		1IS4R01026 1IS4R01027 1IS4R01028
1200	48		1IS4R01200	D-11 D-15 D-20		1IS4R01246 1IS4R01247 1IS4R01248	A-11 A-15 A-20		1IS4R01216 1IS4R01217 1IS4R01218	11 15 20		1IS4R01226 1IS4R01227 1IS4R01228
1400	55		1IS4R01400	D-11 D-15 D-20		1IS4R01446 1IS4R01447 1IS4R01448	A-11 A-15 A-20		1IS4R01416 1IS4R01417 1IS4R01418	11 15 20		1IS4R01426 1IS4R01427 1IS4R01428
1500	60		1IS4R01500	D-15 D-20		1IS4R01547 1IS4R01548	A-15 A-20		1IS4R01517 1IS4R01518	15 20		1IS4R01527 1IS4R01528
1600	64		1IS4L01600	D-15 D-20		1IS4R01647 1IS4R01648	A-15 A-20		1IS4L01617 1IS4L01618	15 20		1IS4R01627 1IS4R01628
1800	71		1IS4L01800	D-15 D-20 D-28		1IS4R01847 1IS4R01848 1IS4R01849	A-15 A-20 A-28		1IS4L01817 1IS4L01818 1IS4L01819	15 20 28		1IS4R01827 1IS4R01828 1IS4R01829
2000	79		1IS4L02000	D-15 D-20 D-28		1IS4R02047 1IS4R02048 1IS4R02049	A-15 A-20 A-28		1IS4L02017 1IS4L02018 1IS4L02019	15 20 28		1IS4R02027 1IS4R02028 1IS4R02029

MANUAL CHUCKS

Platos de 4 garras
independientes para
trabajos pesados

Heavy duty 4 jaw
independent chuck



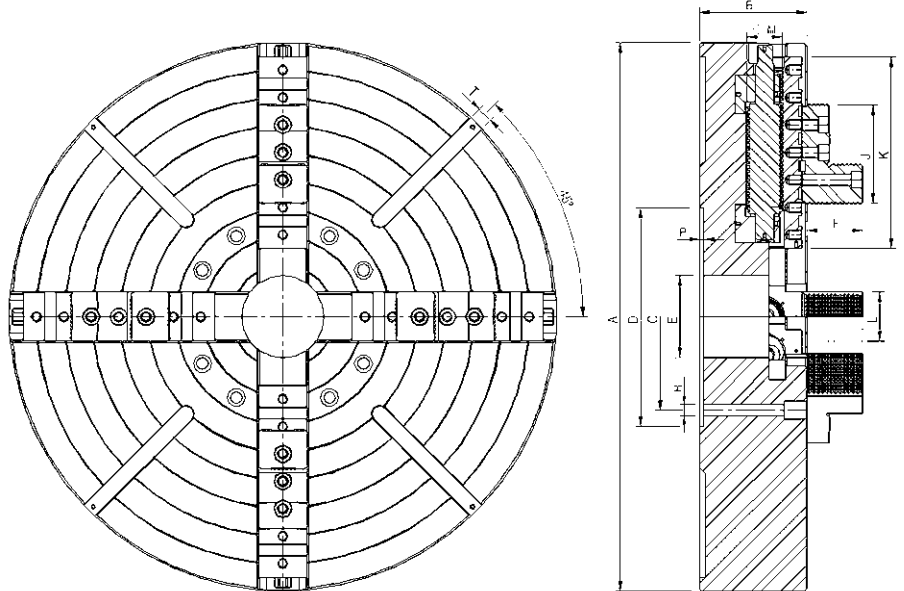
Ø mm	Ø inch	B	C	D	E	F	K	H	L	J	T-slots	M
600	24	135	235	300	100	74	130	8XM20	60	203	4x22	Ø40mm.
700	28	135	235	300	120	74	130	8XM20	60	203	4x22	Ø40mm.
800	32	135	330,2	380	135	74	130	8XM24	60	280	4x22	Ø40mm.
900	36	135	330,2	380	140	74	130	8XM24	60	350	4x22	Ø40mm.
1000	40	150	330,2	380	150	78	130	8XM24	75	350	4x22	Ø50mm.
1200	48	160	463,6	520	160	78	130	8XM24	75	425	4x22	Ø40mm.
1400	56	170	463,6	520	160	78	130	8XM24	75	510	4x22	Ø50mm.
1500	60	175	647,6	720	160	78	130	8XM30	75	510	4x22	Ø50mm.
1500	63	185	647,6	720	170	102	180	8XM30	90	550	4x28	Ø64mm.
1800	71	185	647,6	720	180	102	180	8XM30	90	650	4x28	Ø64mm.
2000	79	200	647,6	720	180	102	180	8XM30	100	800	4x28	Ø64mm.

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso del Plato	Ømax. Amarre	Ø Min Amarre	Peso max. Entre plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight of the chuck	Max Clamping Ø	Min Clamping Ø	Max. Weight between chuck and tailstock
600	24	Acero/Steel	970	60 Da.N.m	4000 DAN	240	600	55	6500
700	28	Acero/Steel	873	60 Da.N.m	4000 DAN	380	700	55	6500
800	32	Acero/Steel	764	70 Da.N.m	4500 DAN	510	800	55	7500
900	36	Acero/Steel	679	70 Da.N.m	4500 DAN	625	900	55	7500
1000	40	Acero/Steel	611	90 Da.N.m	6250 DAN	850	1000	75	12000
1200	48	Acero/Steel	509	90 Da.N.m	6250 DAN	1200	1200	75	13000
1400	56	Acero/Steel	437	90 Da.N.m	6250 DAN	1700	1400	75	15000
1500	60	Acero/Steel	407	90 Da.N.m	6250 DAN	2140	1500	75	15000
1600	63	Acero/Steel	382	110 Da.N.m	7000 DAN	2600	1600	85	25000
1800	71	Acero/Steel	340	110 Da.N.m	7000 DAN	3130	1800	85	25000
2000	79	Acero/Steel	306	110 Da.N.m	7000 DAN	4200	2000	200	28000

PLATOS MANUALES

Platos de 4 garras
independientes para trabajos
pesados XL

Heavy duty 4 jaw
independent chuck XL



- Cuerpo de acero de gran robustez
- Garras base extralargas para mayor rigidez
- Acoplamiento directo
- Husillos templados y rectificadas
- Otras medidas superiores bajo consulta
- Pesos aproximados
- Repuestos bajo demanda

- Heavy duty steel body
- Direct mounting
- Long master jaws for added rigidity
- Operating screws hardened and ground
- Other bigger dimensions on request
- Approximated weights
- Spare parts on request

Especialmente diseñados para torno horizontal para
soportar piezas de gran tonelaje
Specially designed to clamp heavy pieces in horizontal
lathes

Ø mm	Ø inch	B	C	D	H	E	F	J	L	K	T-slots	M
600	24	150	235	300	8xM20	120	78	130	75	203	4x22	Ø50
700	28	150	235	300	8xM20	140	78	130	75	203	4x22	Ø50
800	32	150	330,2	380	8xM24	155	78	130	75	280	4x22	Ø50
900	36	150	330,2	380	8xM24	160	78	130	75	315	4x22	Ø50
1000	40	180	330,2	380	8xM24	170	102	180	90	350	4x22	Ø64
1200	48	180	463,6	520	8xM24	180	102	180	90	450	4x22	Ø64
1400	56	185	463,6	520	8xM24	180	102	180	90	550	4x22	Ø64
1500	60	185	647,6	720	8xM30	180	102	180	90	550	4x22	Ø64
1600	63	195	647,6	720	8xM30	190	102	180	100	650	8x28	Ø64
1800	71	205	647,6	720	8xM30	200	102	180	100	650	8x28	Ø64
2000	79	230	647,6	720	8xM30	240	142	245	120	800	8x28	Ø80

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso del Plato	Ømax. Amarre	Ø Min Amarre	Peso max. Entre plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight of the chuck	Max Clamping Ø	Min Clamping Ø	Max. Weight between chuck and talstock
600	24	Acero/Steel	970	80 Da.N.m	5500 DAN	260	600	80	10000
700	28	Acero/Steel	873	80 Da.N.m	5500 DAN	380	700	100	10000
800	32	Acero/Steel	764	90 Da.N.m	6250 DAN	510	800	110	12000
900	36	Acero/Steel	679	90 Da.N.m	6250 DAN	625	900	115	12000
1000	40	Acero/Steel	611	110 Da.N.m	7000 DAN	980	1000	125	20000
1200	48	Acero/Steel	509	110 Da.N.m	7000 DAN	1400	1200	135	22000
1400	56	Acero/Steel	437	110 Da.N.m	7000 DAN	1920	1400	135	25000
1500	60	Acero/Steel	407	110 Da.N.m	7000 DAN	2290	1500	135	25000
1600	63	Acero/Steel	382	110 Da.N.m	7000 DAN	2750	1600	145	45000
1800	71	Acero/Steel	340	110 Da.N.m	7000 DAN	3530	1800	150	50000
2000	79	Acero/Steel	306	120 Da.N.m	10000 DAN	5000	2000	200	60000

MANUAL CHUCKS

Platos de 4 garras
 independientes para trabajos
 pesados XL

Heavy duty 4 jaw
 independent chuck XL



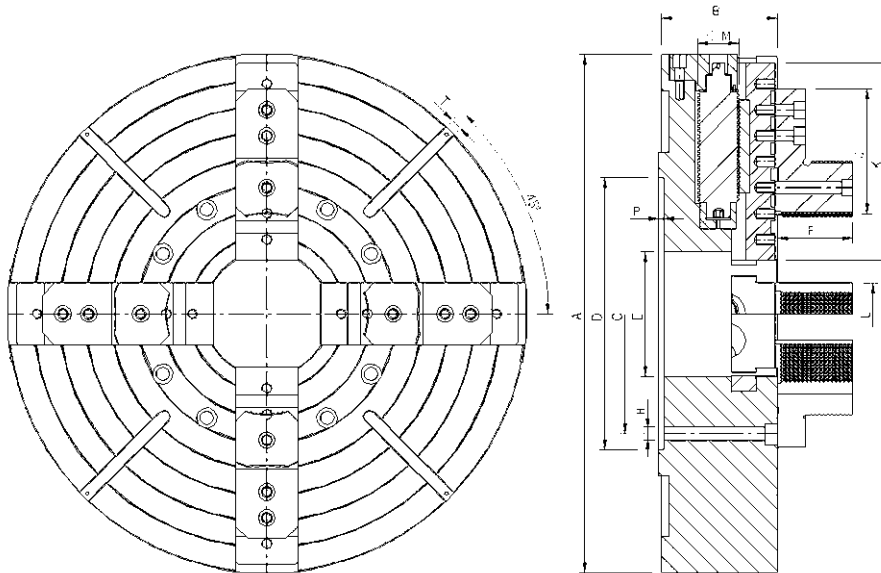
Recomendamos el uso de una llave multiplicadora de apriete
 We recommend to use a multiplier wrench

Plato SIZE		Sin acoplamiento RECESS MOUNT		CAM-LOCK			DIN 55026			DIN 55027		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
600	24		1IH4R60000	D-8 D-11		1IH4R60045 1IH4R60046	A-8 A-11		1IH4R60015 1IH4RR60016	8 11		1IH4R60025 1IH4R60026
700	28		1IH4R70000	D-8 D-11		1IH4R70045 1IH4R70046	A-8 A-11		1IH4R70015 1IH4R70016	11 15		1IH4R70026 1IH4R70027
800	32		1IH4R80000	D-11 D-15		1IH4R80046 1IH4R80047	A-11 A-15		1IH4R80016 1IH4R80017	11 15		1IH4R80026 1IH4R80027
900	36		1IH4R90000	D-11 D-15		1IH4R90046 1IH4R90047	A-11 A-15		1IH4R90016 1IH4R90017	11 15		1IH4R90026 1IH4R90027
1000	40		1IH4R01000	D-11 D-15 D-20		1IH4R01046 1IH4R01047 1IH4R01048	A-11 A-15 A-20		1IH4R01016 1IH4R01017 1IH4R01018	11 15 20		1IH4R01026 1IH4R01027 1IH4R01028
1200	48		1IH4R01200	D-11 D-15 D-20		1IH4R01246 1IH4R01247 1IH4R01248	A-11 A-15 A-20		1IH4R01216 1IH4R01217 1IH4R01218	11 15 20		1IH4R01226 1IH4R01227 1IH4R01228
1400	55		1IH4R01400	D-11 D-15 D-20		1IH4R01446 1IH4R01447 1IH4R01448	A-11 A-15 A-20		1IH4R01416 1IH4R01417 1IH4R01418	11 15 20		1IH4R01426 1IH4R01427 1IH4R01428
1500	60		1IH4R01500	D-15 D-20		1IH4R01547 1IH4R01548	A-15 A-20		1IH4R01517 1IH4R01518	15 20		1IH4R01527 1IH4R01528
1600	64		1IH4R01600	D-15 D-20		1IH4R01647 1IH4R01648	A-15 A-20		1IH4R01617 1IH4R01618	15 20		1IH4R01627 1IH4R01628
1800	71		1IH4R01800	D-15 D-20 D-28		1IH4R01847 1IH4R01848 1IH4R01849	A-15 A-20 A-28		1IH4R01817 1IH4R01818 1IH4R01819	15 20 28		1IH4R01827 1IH4R01828 1IH4R01829
2000	79		1IH4R02000	D-15 D-20 D-28		1IH4R02047 1IH4R02048 1IH4R02049	A-15 A-20 A-28		1IH4R02017 1IH4R02018 1IH4R02019	15 20 28		1IH4R02027 1IH4R02028 1IH4R02029

PLATOS MANUALES

Platos de 4 garras
independientes para trabajos
pesados XXL

Heavy duty 4 jaw
independent chuck XXL



- Cuerpo de acero de gran robustez
- Garras base extralargas para mayor rigidez
- Acoplamiento directo
- Husillos templados y rectificadas
- Otras medidas superiores bajo consulta
- Pesos aproximados
- Repuestos bajo demanda

- Heavy duty steel body
- Direct mounting
- Long master jaws for added rigidity
- Operating screws hardened and ground
- Other bigger dimensions on request
- Approximated weights
- Spare parts on request

Especialmente diseñados para torno horizontal para
soportar piezas de gran tonelaje
Specially designed to clamp heavy pieces in horizontal
lathes

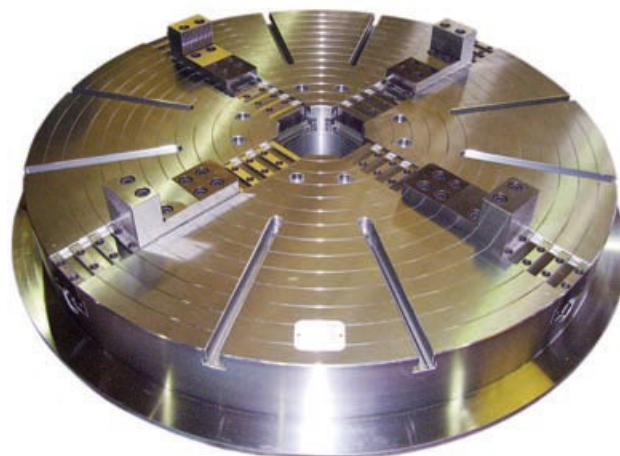
Ø mm	Ø inch	B	C	D	H	E	F	J	L	K	T-slots	M
800	32	180	330,2	380	8xM24	165	102	180	90	280	4x22	Ø64
900	36	180	330,2	380	8xM24	165	102	180	90	280	4x22	Ø64
1000	40	210	330,2	380	8xM24	180	102	180	100	350	4x22	Ø80
1200	48	210	463,6	520	8xM24	180	102	180	100	395	4x22	Ø80
1400	56	210	463,6	520	8xM24	180	102	180	100	450	4x22	Ø80
1500	60	230	647,6	720	8xM30	220	142	245	120	520	4x22	Ø80
1600	63	230	647,6	720	8xM30	220	142	245	120	620	8x28	Ø80
1800	71	230	647,6	720	8xM30	220	142	245	120	750	8x28	Ø80
2000	79	240	647,6	720	8xM30	240	142	245	120	800	8x28	Ø80

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso del Plato	Ømax. Amarre	Ø Min Amarre	Peso max. Entre plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight of the chuck	Max Clamping Ø	Min Clamping Ø	Max. Weight between chuck and tailstock
800	32	Acero/Steel	764	110 Da.N.m	7000 DAN	510	800	55	20000
900	36	Acero/Steel	679	110 Da.N.m	7000 DAN	625	900	55	20000
1000	40	Acero/Steel	611	120 Da.N.m	10000 DAN	980	1000	75	40000
1200	48	Acero/Steel	509	120 Da.N.m	10000 DAN	1400	1200	75	45000
1400	56	Acero/Steel	437	120 Da.N.m	10000 DAN	1920	1400	75	50000
1500	60	Acero/Steel	407	120 Da.N.m	10000 DAN	2290	1500	75	50000
1600	63	Acero/Steel	382	120 Da.N.m	10000 DAN	2750	1600	85	80000
1800	71	Acero/Steel	340	120 Da.N.m	10000 DAN	3530	1800	85	90000
2000	79	Acero/Steel	306	140 Da.N.m	12500 DAN	5000	2000	225	100000

MANUAL CHUCKS

Platos de 4 garras
 independientes para trabajos
 pesados XXL

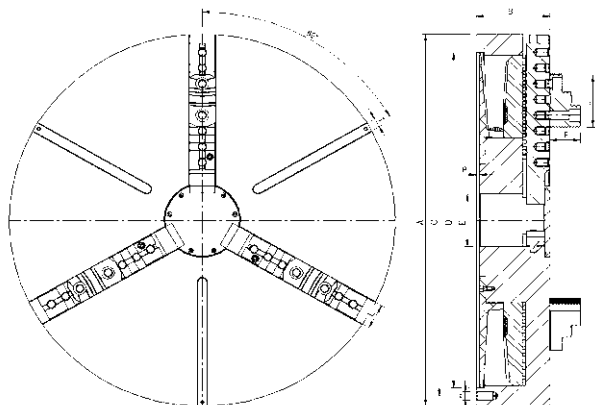
Heavy duty 4 jaw
 independent chuck XXL



Recomendamos el uso de una llave multiplicadora de apriete
 We recommend to use a multiplier wrench

Ø Plato SIZE		Sin acoplamiento RECESS MOUNT		CAM-LOCK			DIN 55026			DIN 55027		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
800	32		1IJ4R80000	D-11 D-15		1IJ4R80046 1IJ4R80047	A-11 A-15		1IJ4R80016 1IJ4R80017	11 15		1IJ4R80026 1IJ4R80027
900	36		1IJ4R90000	D-11 D-15		1IJ4R90046 1IJ4R90047	A-11 A-15		1IJ4R90016 1IJ4R90017	11 15		1IJ4R90026 1IJ4R90027
1000	40		1IJ4R01000	D-11 D-15 D-20		1IJ4R01046 1IJ4R01047 1IJ4R01048	A-11 A-15 A-20		1IJ4R01016 1IJ4R01017 1IJ4R01018	11 15 20		1IJ4R01026 1IJ4R01027 1IJ4R01028
1200	48		1IJ4R01200	D-11 D-15 D-20		1IJ4R01246 1IJ4R01247 1IJ4R01248	A-11 A-15 A-20		1IJ4R01216 1IJ4R01217 1IJ4R01218	11 15 20		1IJ4R01226 1IJ4R01227 1IJ4R01228
1400	55		1IJ4R01400	D-11 D-15 D-20		1IJ4R01446 1IJ4R01447 1IJ4R01448	A-11 A-15 A-20		1IJ4R01416 1IJ4R01417 1IJ4R01418	11 15 20		1IJ4R01426 1IJ4R01427 1IJ4R01428
1500	60		1IJ4R01500	D-15 D-20		1IJ4R01547 1IJ4R01548	A-15 A-20		1IJ4R01517 1IJ4R01518	15 20		1IJ4R01527 1IJ4R01528
1600	64		1IJ4L01600	D-15 D-20		1IJ4R01647 1IJ4R01648	A-15 A-20		1IJ4R01617 1IJ4R01618	15 20		1IJ4R01627 1IJ4R01628
1800	71		1IJ4L01800	D-15 D-20 D-28		1IJ4R01847 1IJ4R01848 1IJ4R01849	A-15 A-20 A-28		1IJ4R01817 1IJ4R01818 1IJ4R01819	15 20 28		1IJ4R01827 1IJ4R01828 1IJ4R01829
2000	79		1IJ4L02000	D-15 D-20 D-28		1IJ4R02047 1IJ4R02048 1IJ4R02049	A-15 A-20 A-28		1IJ4R02017 1IJ4R02018 1IJ4R02019	15 20 28		1IJ4R02027 1IJ4R02028 1IJ4R02029

PLATOS MANUALES



Platos Universales VTL Self Centering VTL chucks (Vertical Application)

Especialmente diseñados para torno vertical: con tapa central y garras base largas cubriendo la totalidad del canal para evitar la entrada de viruta y taladrina en el mecanismo interno.

Amarre directo o con contraplato dependiendo de la nariz del torno.

- Temple por inducción en zonas de deslizamiento
- Otras medidas superiores bajo consulta
- Pesos aproximados

Specially designed for vertical lathes: central cover and long base jaws covering the whole guides to keep chips and taladrine from entering the internal mechanism

Direct mounting or adaptor plate needed depending on the geometry of the spindle nose of the lathe

- Induction hardening of all gliding areas
- Other bigger dimensions on request
- Aproximated weights

PLATOS AUTOCENTRANTES DE 3 Y 4 GARRAS PARTIDAS TDEG PARA TORNO VERTICAL / TDEG 3 & 4 TWO PIECE JAW SELF CENTERING CHUCKS FOR VTL LATHE

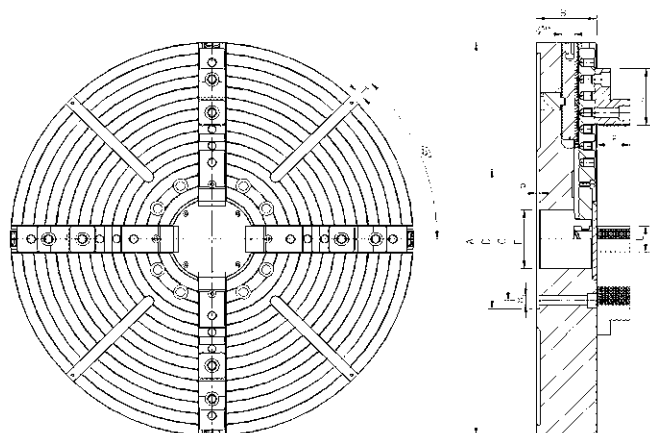
Ø mm	Ø inch	B	C	D	F	H	L	P	T slots	J
700	27 1/2	162	660	630	71	6XM20	60	8	4x18	127
800	31 1/2	167	760	730	71	6XM20	60	8	4x18	127
900	35 2/5	172	850	810	71	6XM22	60	8	4x18	127
1000	39 2/5	200	950	910	71	6XM24	75	10	4x18	130
1200	47	200	950	910	80	6XM24	75	10	4x22	130
1400	55	200	950	910	80	6XM24	75	10	4x22	130
1600	63	200	1050	910	80	6XM30	75	10	8x22	130
1800	72	200	1050	910	80	6XM30	75	10	8x22	130

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso 3G	Peso 4G	Ømax. Amarre	Ø Min Amarre
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight 3J	Weight 4J	Max Clamping Ø	Min Clamping Ø
700	27 1/2	Acero/Steel	873	70 Da.N.M	11700 DAN	335	341	700	180
800	31 1/2	Acero/Steel	764	80 Da.N.M	12300 DAN	410	415	800	180
900	35 2/5	Acero/Steel	679	80 Da.N.M	11500 DAN	565	570	900	180
1000	39 2/5	Acero/Steel	611	140 Da.N.M	15500 DAN	721	730	1000	200
1200	47	Acero/Steel	509	140 Da.N.M	15500 DAN	1200	1230	1200	240
1400	55	Acero/Steel	437	140 Da.N.M	15500 DAN	1850	1900	1400	240
1600	63	Acero/Steel	382	140 Da.N.M	15500 DAN	2800	2870	1600	240
1800	72	Acero/Steel	340	140 Da.N.M	15500 DAN	4300	4400	1800	240

3 GARRAS / 3 JAWS				4 GARRAS / 4 JAWS			
Plato SIZE		SIN ACOPLAMIENTO RECESS MOUNT		Ø Plato SIZE		SIN ACOPLAMIENTO RECESS MOUNT	
Ø mm	Ø inch.	HIERRO IRON	ACERO STEEL	CUERPO/BODY		HIERRO IRON	ACERO STEEL
				mm	inch.		
700	27 1/2		1UA3R007000VTL	700	27 1/2		1UA4R007000VTL
800	31 1/2		1UA3R008000VTL	800	31 1/2		1UA4R008000VTL
900	35 2/5		1UA3R009000VTL	900	35 2/5		1UA4R009000VTL
1000	39 2/5		1UA3R010000VTL	1000	39 2/5		1UA4R010000VTL
1200	48		1UA3R012000VTL	1200	48		1UA4R012000VTL
1300	52		1UA3R013000VTL	1300	52		1UA4R013000VTL
1400	56		1UA3R014000VTL	1400	56		1UA4R014000VTL
1600	64		1UA3R016000VTL	1600	64		1UA4R016000VTL
1800	72		1UA3R018000VTL	1800	72		1UA4R018000VTL



MANUAL CHUCKS



**Platos de 4 garras
independientes para
torno vertical**

**4 jaw independent
VTL chucks
(Vertical Application)**

- Cuerpo de acero de gran robustez
- Garras partidas según norma ASA
- Garras base extralargas para mayor rigidez
- Acoplamiento directo
- Husillos templados y rectificadas
- Otras medidas superiores bajo consulta
- Pesos aproximados
- Repuestos bajo demanda

- Heavy duty steel body
- Two piece jaws according to ASA norms jaws
- Direct mounting
- Long master jaws for added rigidity
- Operating screws hardened and ground
- Other bigger dimensions on request
- Approximated weights
- Spare parts on request

Especialmente diseñado para torno vertical, con tapa central y garras base largas cubriendo el canal para evitar la entrada de viruta y taladrina en el mecanismo interno.

Specially designed for vertical lathes, with central cover and extra long base jaws to seded the chuck and avoid chips and dirt from entering the internal mechanism.

Ø mm	Ø inch	B	C	D	H	F	J	L	T-slots	M
600	24	135	235	300	8xM20	74	130	60	4x22	Ø40
700	28	135	235	300	8xM20	74	130	60	4x22	Ø40
800	32	135	330,2	380	8xM24	74	130	60	4x22	Ø40
900	36	135	330,2	380	8xM24	74	130	60	4x22	Ø40
1000	40	150	330,2	380	8xM24	78	130	75	4x22	Ø50
1200	48	160	463,6	520	8xM24	78	130	75	4x22	Ø50
1400	56	170	463,6	520	8xM24	78	130	75	4x22	Ø50
1500	60	175	647,6	720	8xM30	78	130	75	4x22	Ø50
1600	63	185	647,6	720	8xM30	102	180	90	8x28	Ø64
1800	71	185	647,6	720	8xM30	102	180	90	8x28	Ø64
2000	79	200	647,6	720	8xM30	102	180	100	8x28	Ø64

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso	Ømax. Amarre	Ø Min Amarre
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø
600	24	Acero/Steel	970	60 Da.N.m	4000 DAN	240	600	180
700	28	Acero/Steel	873	60 Da.N.m	4000 DAN	380	700	180
800	32	Acero/Steel	764	70 Da.N.m	4500 DAN	510	800	180
900	36	Acero/Steel	679	70 Da.N.m	4500 DAN	625	900	180
1000	40	Acero/Steel	611	90 Da.N.m	6250 DAN	850	1000	200
1200	48	Acero/Steel	509	90 Da.N.m	6250 DAN	1200	1200	240
1400	56	Acero/Steel	437	90 Da.N.m	6250 DAN	1700	1400	240
1500	60	Acero/Steel	407	90 Da.N.m	6250 DAN	2140	1500	240
1600	63	Acero/Steel	382	110 Da.N.m	7000 DAN	2600	1600	240
1800	71	Acero/Steel	340	110 Da.N.m	7000 DAN	3130	1800	240
2000	79	Acero/Steel	306	110 Da.N.m	7000 DAN	4200	2000	240

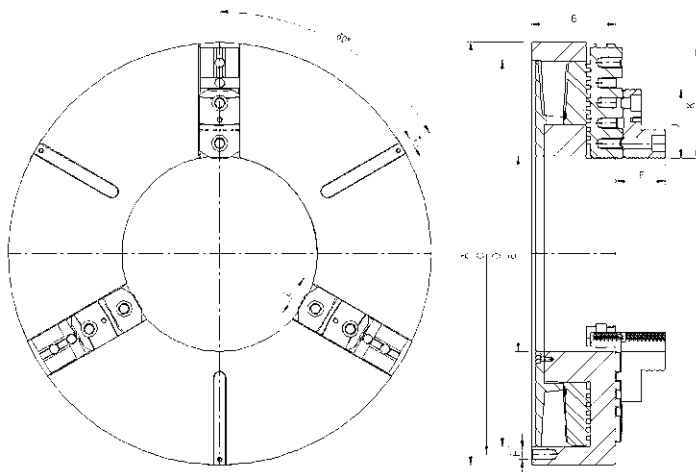
Plato SIZE		Sin acoplamiento RECESS MOUNT		DIN 55026		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
600	24		1V4R60000	A-8 A-11		1V4R60015 1V4R60016
700	28		1V4R70000	A-8 A-11		1V4R70015 1V4R70016
800	32		1V4R80000	A-11 A-15		1V4R80016 1V4R80017
900	36		1V4R90000	A-11 A-15		1V4R90016 1V4R90017
1000	40		1V4R01000	A-11 A-15 A-20		1V4R01016 1V4R01017 1V4R01018
1200	48		1V4R01200	A-11 A-15 A-20		1V4R01216 1V4R01217 1V4R01218
1400	55		1V4R01400	A-11 A-15 A-20		1V4R01416 1V4R01417 1V4R01418
1500	60		1V4R01500	A-15 A-20		1V4R01517 1V4R01518
1600	64		1V4R01600	A-15 A-20		1V4R01817 1V4R01818
1800	71		1V4R01800	A-15 A-20 A-28		1V4R01817 1V4R01818 1V4R01819
2000	79		1V4R01800	A-15 A-20 A-28		1V4R02017 1V4R02018 1V4R02019



PLATOS MANUALES

Platos universales de 3 Oil country 3 jaw self
garras de gran paso de barra centering chucks

ØB1	Ø inches	CONO/taper	D	E max	C	B	F	L	J	K	T-slots
500	19 2/3	A2-11	196,88	192	235	161	83	60	127	165	
500	19 2/3	A1-15	285,80	205	247,6	161	83	60	127	165	
500	19 2/3	A2-20	412,80	205	463	171	83	60	127	165	
630	24 4/5	A2-15	285,80	281	330,2	168	83	60	127	165	4x18
630	24 4/5	A1-20	412,80	318	368,3	170	83	60	127	165	4x18
700	27 5/9	A2-15	285,80	281	330,2	173	92	75	130	218	4x18
700	27 5/9	A1-20	412,80	318	368,3	175	92	75	130	218	4x18
800	31 1/2	A2-15	285,80	281	330,2	178	92	75	130	250	4x18
800	31 1/2	A2-20	412,80	408	463,6	180	92	75	130	218	4x18
900	35 3/7	A2-15	285,80	281	330,2	190	92	75	130	250	4x18
900	35 3/7	A2-20	412,80	408	463,6	190	92	75	130	250	4x18
1000	39 3/8	A2-20	412,80	408	463,6	190	92	75	130	250	4x18
1000	39 3/8	A2-28	584,25	470	647,6	194	92	75	130	218	4x18



Frente de garra fresado en pico
para aumentar la fuerza de amarre

Gripping surfaces serrated
for more holding power

Ø mm	Ø inch	Material	Max Par de apriete	Fuerza de amarre	Max R.P.M	Peso
Ø mm	Ø inch	Material	Max Torque on Key	Gripping Force	Max R.P.M	Weight
500	19 2/3	Acero/Steel	40 Da.N.M	12500 DAN	1222	230
630	24	Acero/Steel	40 Da.N.M	12500 DAN	970	295
700	28	Acero/Steel	70 Da.N.M	13500 DAN	873	370
800	32	Acero/Steel	75 Da.N.M	13000 DAN	764	450
900	36	Acero/Steel	75 Da.N.M	12500 DAN	679	650
1000	40	Acero/Steel	90 Da.N.M	12000 DAN	611	780

Ø (mm)	Ø inch	DIN 55026			Sin acoplamiento/Recess mount	
			3 garras / 3 jaws	4 garras / 4 jaws	3 garras / 3 jaws	4 garras / 4 jaws
500	19 2/3	A2-11	1UO3R50016	1UO4R50016	1UO3R50000	1UO4R50000
630	24 4/5	A2-11	1UO3R60016	1UO4R60016	1UO3R63000	1UO4R63000
		A2-15	1UO3R60017	1UO4R60017		
700	27 1/2	A2-11	1UO3R70016	1UO4R70016	1UO3R70000	1UO4R70000
		A2-15	1UO3R70017	1UO4R70017		
800	31 1/2	A2-11	1UO3R80016	1UO4R80016	1UO3R80000	1UO4R80000
		A2-15	1UO3R80017	1UO4R80017		
900	35 2/5	A2-11	1UO3R90016	1UO4R90016	1UO3R90000	1UO4R90000
		A2-15	1UO3R90017	1UO4R90017		
1000	39 2/5	A2-15	1UO3R01017	1UO4R01017		
		A2-20	1UO3R01018	1UO4R01018		

- Cuerpo de Acero Forjado
- Garras Especiales según Norma ASA para Trabajos Pesados
- Frente de Garra Rayado para aumentar la Fuerza de Amarre
- Mayor Paso de Barra
- Acoplamiento ASA Tipo A Directo
- PESOS APROXIMADOS

- Forged Steel Body
- Extra Heavy Duty American Standard, Hard Top and Master Jaws
- Gripping surfaces serrated for more holding power
- Large Thru -Hole Standard
- Direct A Type Mounting
- APPROXIMATED WEIGHTS

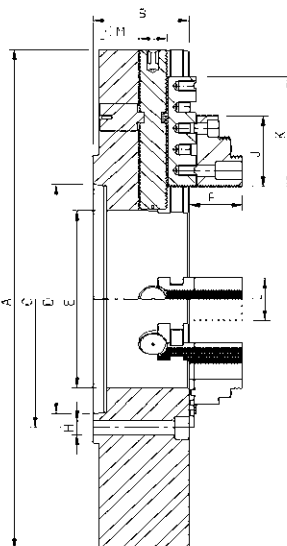
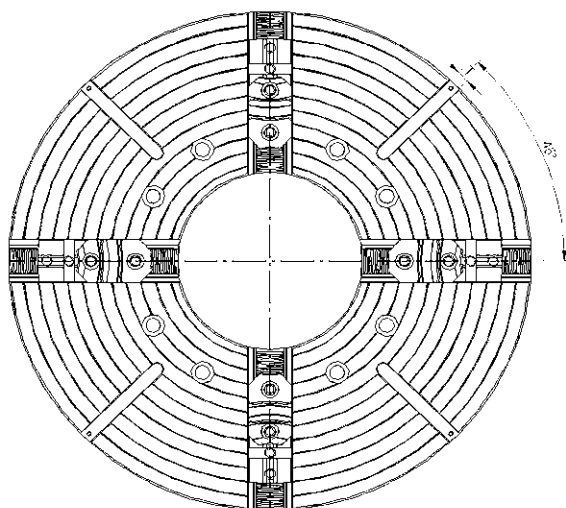
MANUAL CHUCKS



Platos de 4 garras
independientes de gran
paso de barra

Oil country 4 jaw
independent chucks

Ø EX.	CHUCK DIA.	CONO/taper	D	E	C	B	K	F	L	T	T-slots	M	J
450	18"	A2-11"	196,8	192	235	146	165	83	60	22	4x18	Ø40	127
530	21"	A2-11"	196,8	192	235	146	165	83	60	22	4x18	Ø40	127
		A2-15"	285,8	281	330,2	146	165	83	60	22	4x18	Ø40	127
600	24"	A2-11"	196,8	192	235	155	203	92	75	22	4x22	Ø50	127
		A2-15"	285,8	281	330,2	155	203	92	75	22	4x22	Ø50	127
		A2-20"	412,8	318	463,6	155	203	92	75	22	4x22	Ø50	127
700	28"	A2-15"	285,8	281	330,2	155	203	92	75	22	4x22	Ø50	127
		A2-20"	412,8	408	463,6	155	203	92	75	22	4x22	Ø50	127
800	32"	A2-15"	285,8	281	330,2	165	203	92	75	22	4x22	Ø50	127
		A2-20"	412,8	408	463,6	165	203	92	75	22	4x22	Ø50	127
900	36"	A2-15"	285,8	281	330,2	165	203	92	75	22	4x22	Ø50	127
		A2-20"	412,8	408	463,6	165	203	92	75	22	4x22	Ø50	127
1000	40"	A2-20"	412,8	408	463,6	165	203	92	75	28	4x22	Ø50	127



- Cuerpo de Acero Forjado
- Garras Especiales según Norma ASA para Trabajos Pesados
- Frente de Garra Rayado para aumentar la Fuerza de Amarre
- Mayor Paso de Barra
- Acoplamiento ASA Tipo A Directo
- PESOS APROXIMADOS

- Forged Steel Body
- Extra Heavy Duty American Standard, Hard Top and Master Jaws
- Gripping surfaces serrated for more holding power
- Large Thru -Hole Standard
- Direct A Type Mounting
- APPROXIMATED WEIGHTS

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight
450	18"	Acero/Steel	1350	40 Da.N.m	2750 DAN	105
530	21"	Acero/Steel	1150	50 Da.N.m	3125 DAN	210
600	24"	Acero/Steel	970	60 Da.N.m	3750 DAN	300
700	28"	Acero/Steel	873	60 Da.N.m	3750 DAN	375
800	32"	Acero/Steel	764	70 Da.N.m	4750 DAN	540
900	36"	Acero/Steel	679	70 Da.N.m	4750 DAN	700
1000	40"	Acero/Steel	611	70 Da.N.m	4750 DAN	820

Ø mm	Ø inch	CAJERA/RECESS MOUNT	CONO/MOUNT	CÓDIGO/CODE
450	18"	11O4R45000	A2-11"	11O4R45016
530	21"	11O4R53000	A2-11" A2-15"	11O4R53016 11O4R53017
600	24"	11O4R60000	A2-11" A2-15" A2-20"	11O4R60016 11O4R60017 11O4R60018
700	28"	11O4R70000	A2-15" A2-20"	11O4R70017 11O4R70018
800	32"	11O4R80000	A2-15" A2-20"	11O4R80017 11O4R80018
900	36"	11O4R90000	A2-15" A2-20"	11O4R90017 11O4R90018
1000	40"	11O4R01000	A2-20"	11O4R01018



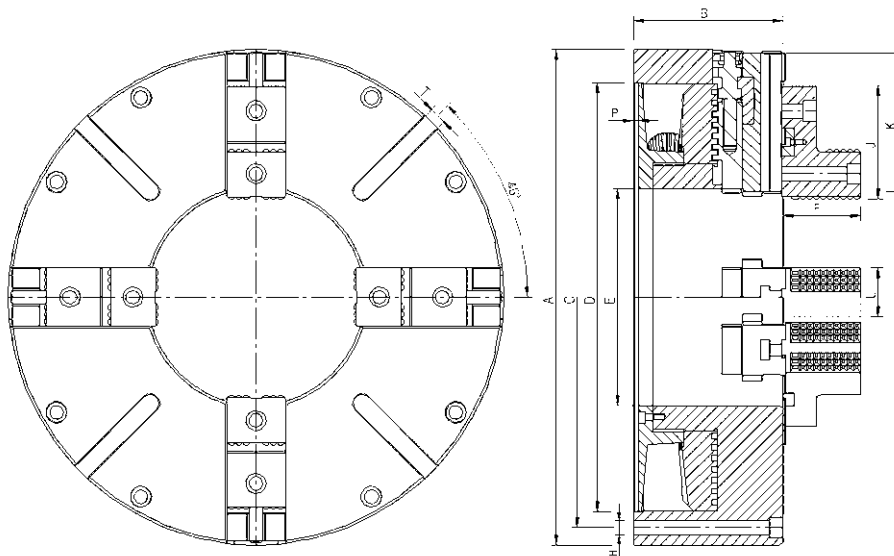
PLATOS MANUALES

Platos combinados de Precisión de gran diámetro

- Cuerpo de acero forjado
- Temple por inducción en zonas de deslizamiento en cuerpo de acero
- Cuerpo y guías rectificadas
- Garras de acero cementadas, templadas y rectificadas en todas sus superficies
- Corona templada por inducción y rectificada en espiral y diámetro interior
- Husillos para ubicación precisa de las garras previa al amarre
- Amarre realizable únicamente mediante sistema universal de Corona
- Otras medidas superiores bajo consulta
- Pesos aproximados

Large diameter combination Precision chucks

- Forged steel body
- Induction hardened in areas of friction
- Chuck bodies fully ground, included guideways
- Steel jaws cement hardened, treated and ground on all surfaces
- Scroll induction hardened and ground on spiral, and internal diameter
- Screws for precise location of the jaws previous to clamping
- Final clamping to be done only with the scroll system
- Other bigger dimensions on request
- Approximated weights

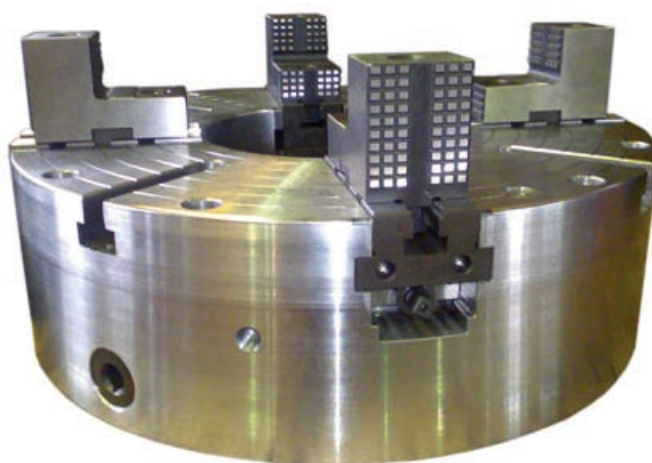


Ø mm.	Ø inch.	Acoplamiento/Mounting	B	C	H	D	E	F	L	K	T-slots	J	P
630	24"	Cajera/Recess	190	586	6xM16	545	180/250	98	75	210/175	4x22	145	7
630	24"	11"	190	235	NORMA	196,8	180	98	75	210	4x22	145	7
630	24"	15"	210	330,2	NORMA	285,8	250	98	75	175	4x22	145	7
700	27 1/2"	Cajera/Recess	205	660	6xM20	605	192/268	98	75	247/210	4x22	145	8
700	27 1/2"	11"	205	235	NORMA	196,8	192	98	75	247	4x22	145	8
700	27 1/2"	15"	205	330,2	NORMA	285,8	268	98	75	210	4x22	145	8
800	31 1/2"	Cajera/Recess	210	760	6xM20	705	268/381	98	75	247/180	4x22	145	8
800	31 1/2"	11"	210	235	NORMA	196,8	192	98	75	272	4x22	145	8
800	31 1/2"	15"	210	330,2	NORMA	285,8	268	98	75	247	4x22	145	8
800	31 1/2"	20"	230	463,6	NORMA	412,8	381	98	75	180	4x22	145	8
900	35 2/5"	Cajera/Recess	220	850	6xM24	805	280/381	98	75	272/210	4x22	145	8
900	35 2/5"	11"	220	235	NORMA	196,8	280	98	75	272	4x22	145	8
900	35 2/5"	15"	220	330,2	NORMA	285,8	280	98	75	272	4x22	145	8
900	35 2/5"	20"	240	463,6	NORMA	412,8	381	98	75	247	4x22	145	8
1000	39 2/5"	Cajera/Recess	230	950	6xM24	905	280/408	98	75	327/272	4x22	145	10
1000	39 2/5"	15"	230	330,2	NORMA	285,8	280	98	75	327	4x22	145	10
1000	39 2/5"	20"	230	463,6	NORMA	412,8	408	98	75	272	4x22	145	10

MANUAL CHUCKS

Platos combinados de
Precisión de gran
diámetro

Large diameter
combination Precision
chucks



		Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Peso	Ømax. Amarre	Ø Min Amarre
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø
630	24	Acero/Steel	970	40 Da.N.M	12500 DAN	330	630	80
700	28	Acero/Steel	873	70 Da.N.M	13500 DAN	490	700	80
800	32	Acero/Steel	764	75 Da.N.M	15000 DAN	650	800	120
900	36	Acero/Steel	679	75 Da.N.M	12500 DAN	880	900	120
1000	40	Acero/Steel	611	90 Da.N.M	12000 DAN	1010	1000	120

Ø (mm)	Ø inch	CONO/MOUNTING	CÓDIGO/CODE
630	24"	Cajera / Recess	1CD4R63000
630	24"	11"	1CD4R63016
630	24"	15"	1CD4R63017
700	27 1/2"	Cajera / Recess	1CD4R70000
700	27 1/2"	11"	1CD4R70016
700	27 1/2"	15"	1CD4R70017
800	31 1/2"	Cajera / Recess	1CD4R80000
800	31 1/2"	11"	1CD4R80016
800	31 1/2"	15"	1CD4R80017
900	35 2/5"	Cajera / Recess	1CD4R90000
900	35 2/5"	11"	1CD4R90016
900	35 2/5"	15"	1CD4R90017
1000	39 2/5"	Cajera / Recess	1CD4R100000
1000	39 2/5"	15"	1CD4R100017
1000	39 2/5"	20"	1CD4R100018

PLATOS MANUALES

Plato con husillo
multiplicador de fuerzas

Power clamping screws
chuck

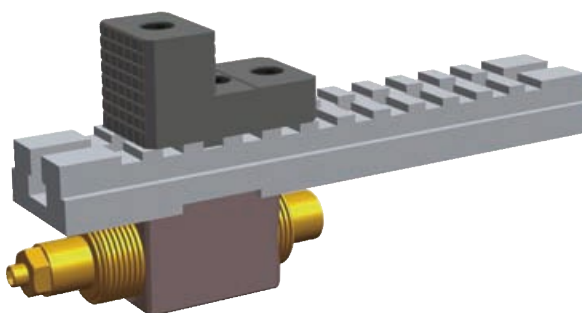


Plato SIZE		Sin acoplamiento RECESS MOUNT		DIN 55026		
Ø mm	Ø inch	HIERRO IRON	ACERO STEEL		HIERRO IRON	ACERO STEEL
1000	40		1ID4R01000	A-11 A-15 A-20		1ID4R01016 1ID4R01017 1ID4R01018
1200	48		1ID4R01200	A-11 A-15 A-20		1ID4R01216 1ID4R01217 1ID4R01218
1400	55		1ID4R01400	A-11 A-15 A-20		1ID4R01416 1ID4R01417 1ID4R01418
1500	60		1ID4R01500	A-15 A-20		1ID4R01517 1ID4R01518
1600	64		1ID4L01600	A-15 A-20		1ID4L01617 1ID4L01618
1800	71		1ID4L01800	A-15 A-20 A-28		1ID4L01817 1ID4L01818 1ID4L01819
2000	79		1ID4L02000	A-15 A-20 A-28		1ID4L02017 1ID4L02018 1ID4L02019



- Elevadas fuerzas de amarre mediante un ligero apriete de llave
- Sistema extremadamente robusto
- Fuerzas de amarre de hasta 25 tn por garra
- Bloqueo en cualquier posición
- Cuerpos cerrados en ambas caras para mayor rigidez
- Otras medidas superiores bajo consulta
- Pesos aproximados
- Repuestos bajo demanda

- High clamping forces with a simple chuck key operation
- Extremely robust system
- Clamping forces up to 25 tn per jaw
- Self locking in every clamping stage
- Solid bodies for higher rigidity
- Other bigger dimensions on request
- Approximated weights
- Spare parts on request

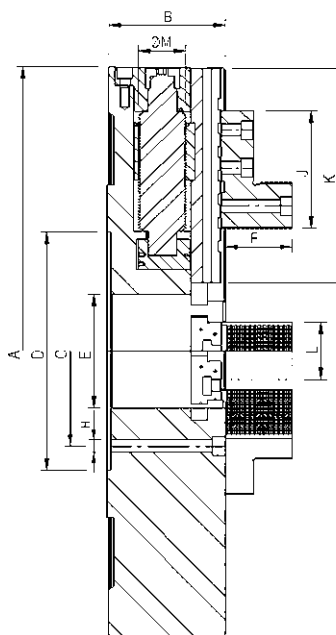
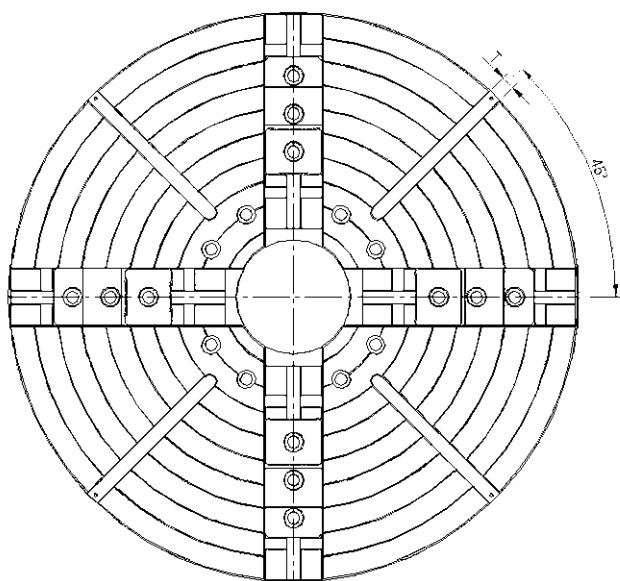


Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre ext.	Fuerza de amarre int.	Peso	Ømax. Amarre	Ø Min Amarre	Peso max. Entre plato y punto
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	External Gripping Force	Internal Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø	Max. Weight between chuck and tailstock
1000	40	Acero/Steel	611	55/13 Da.N.m	200 KN	140 KN	1205	1000	100	60000
1200	48	Acero/Steel	509	55/13 Da.N.m	200 KN	140 KN	1520	1200	150	60000
1400	56	Acero/Steel	437	55/13 Da.N.m	200 KN	140 KN	2400	1400	150	60000
1600	63	Acero/Steel	382	55/13 Da.N.m	200 KN	140 KN	3200	1600	290	60000
1800	71	Acero/Steel	340	80/16 Da.N.m	250 KN	180 KN	4800	1800	320	80000
2000	79	Acero/Steel	306	80/16 Da.N.m	250 KN	180 KN	5900	2000	380	80000

MANUAL CHUCKS

Plato con husillo
multiplicador de fuerzas

Power clamping screws
chuck

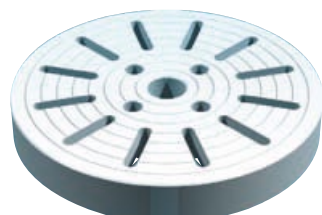
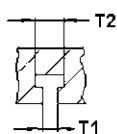
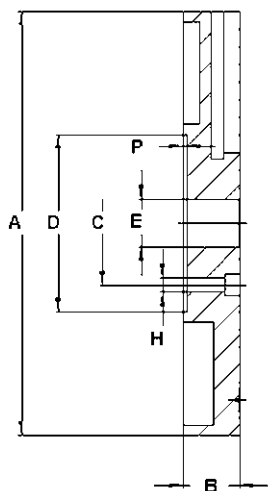


Ø mm	Ø inch	B	C	E	F	K	J	T-slots
1000	40	225	80	100	125	380	220	4x22
1200	48	225	80	100	125	450	220	4x22
1400	56	225	80	100	125	550	220	4x22
1600	63	225	80	100	125	580	220	8x28
1800	71	275	100	120	150	650	250	8x28
2000	79	275	100	120	150	750	250	8x28

El sistema diseñado por TDG dispone de una tuerca envolvente al husillo que anula las fuerzas perpendiculares al movimiento de la garra, evitando desgastes en las guías y pérdidas de la fuerza de amarre. La configuración de tuerca envolvente permite un engrase óptimo entre ésta y el husillo, lo que junto con el engrase de las garras base asegura una larga vida para todo el conjunto.

The mechanism designed by TDG is composed of an operating screw applying pressure throughout the length of the thread which eliminates the perpendicular forces of the jaw movement avoiding wear on the guides and loss of gripping power. This design allows an optimum greasing operating screw and jaw thread, and together with base jaw grease points ensures a lasting product life.

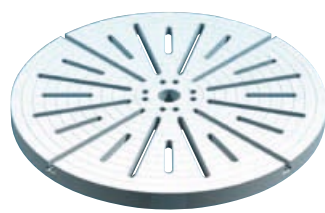
PLATOS MANUALES



400 - 500



600 - 1000



1200 - 1500

Platos lisos

- Cuerpo hierro fundido o acero
- Acoplamiento directo
- Nervios reforzados para mayor rigidez del cuerpo
- Ventanas para amarre con bridas hasta Ø500mm
- Ranuras en "t" a partir de Ø600 (24")
- Diseños especiales según especificaciones
- Otras medidas superiores bajo consulta
- Pesos aproximados

Face plates

- Cast iron body steel body
- Direct mounting
- Greater body rigidity due to reinforced nerves
- Vents for flange clamping until Ø500 (19")
- T slots for Ø600 (24") and above
- Special design according to customer specifications
- Other bigger dimensions on request
- Approximated weights



A	A	B	C	D	E	H	T1	T2	Peso/Weight
400	16,00	78	150	210	62	4xM18	-	-	40
500	20,00	75	150	210	65	4xM18	-	-	68
600	24,00	80	168	280	68	4xM18	22	40	122
700	28,00	85	220	280	70	4xM18	22	40	150
800	32,00	85	220	280	75	8xM18	22	40	185
900	36,00	85	220	280	75	8xM18	22	40	360
1000	40,00	90	220	280	80	8xM18	22	40	440
1200	48,00	90	220	300	85	8xM18	28	50	505
1400	56,00	95	220	300	100	8xM20	28	50	500
1500	60,00	95	270	380	100	8xM24	28	50	575

Acoplamiento y referencias / Mounting and codes							
Ø (mm)	Ø Inch	RECESS MOUNT	CAM-LOCK DIN 55029	ASA B5, 9 (A1 A2) DIN 55026	DIN 55027		
400	16	1PL0040000	D-5"	1PL4340000	A-5"	5	1PL2340000
			D-6"	1PL4440000	A-6"	6	1PL2440000
			D-8"	1PL4540000	A-8"	8	1PL2540000
500	20	1PL0050000	D-6"	1PL4450000	A-6"	5	1PL2450000
			D-8"	1PL4550000	A-8"	6	1PL2550000
			D-11"	1PL4650000	A-11"	8	1PL2650000
600	24	1PL0060000	D-6"	1PL4460000	A-6"	6	1PL2460000
			D-8"	1PL4560000	A-8"	8	1PL2560000
			D-11"	1PL4660000	A-11"	11	1PL2660000
700	28	1PL0070000	D-8"	1PL4570000	A-8"	8	1PL2570000
			D-11"	1PL4670000	A-11"	11	1PL2670000
			D-15"	1PL4770000	A-15"	15	1PL2770000
800	31	1PL0080000	D-8"	1PL4580000	A-8"	8	1PL2580000
			D-11"	1PL4680000	A-11"	11	1PL2680000
			D-15"	1PL4780000	A-15"	15	1PL2780000
900	35	1PL0090000	D-8"	1PL4590000	A-8"	8	1PL2590000
			D-11"	1PL4690000	A-11"	11	1PL2690000
			D-15"	1PL4790000	A-15"	15	1PL2790000
1000	39	1PL0001000	D-11"	1PL4601000	A-11"	8	1PL2501000
			D-15"	1PL4701000	A-15"	11	1PL2601000
						15	1PL2701000
1200	47	1PL0001200	D-11"	1PL4601200	A-11"		
			D-15"	1PL4701200	A-15"		
1400	55	1PL0001400	D-11"	1PL4601400	A-11"		
			D-15"	1PL4701400	A-15"		
			D-20"	1PL4801400	A-20"		
1500	59	1PL0001500	D-11"	1PL4601500	A-11"		
			D-15"	1PL4701500	A-15"		
			D-20"	1PL4801500	A-20"		

MANUAL CHUCKS

Platos combinados de gran diámetro

- Cuerpo de acero forjado
- Temple por inducción en zonas de deslizamiento en cuerpo de acero
- Cuerpo y guías rectificadas
- Garra partida según norma ASA
- Garras de acero cementadas, templadas y rectificadas en todas sus superficies
- Corona templada por inducción y rectificada en espiral y diámetro interior
- Husillos templados y rectificadas
- Otras medidas superiores bajo consulta
- Pesos aproximados

Large diameter combination chucks

- Forged steel body induction hardened in areas of friction
- Chuck bodies fully ground, included guideways
- Two piece jaw according to ASA norms
- Steel jaws cement hardened, treated and ground on all surfaces
- Scroll induction hardened and ground on spiral, and internal diameter
- Operating screws hardened and ground
- Other bigger dimensions on request
- Approximated weights



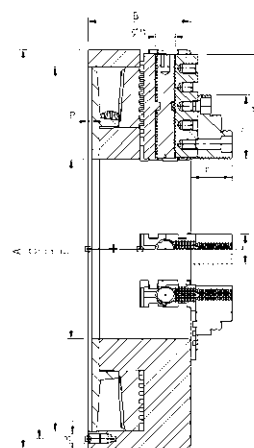
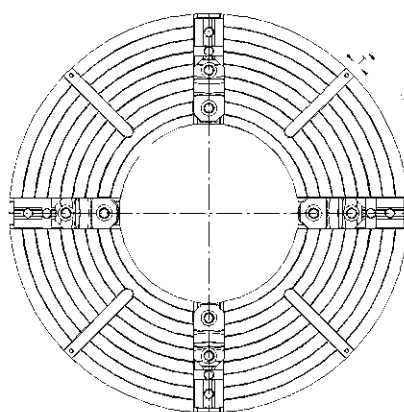
Ø mm.	Ø inch.	Acoplamiento/Mounting	B	C	H	D	E	F	L	K	M	T-slots	J	P
630	24"	Cajera/Recess	195	586	6xM16	545	180/250	83	60	212/180	40	4x22	130	7
630	24"	11"	195	235	NORMA	196,8	180	83	60	212	40	4x22	130	7
630	24"	15"	210	330,2	NORMA	285,8	250	83	60	180	40	4x22	130	7
700	27 1/2"	Cajera/Recess	200	660	6xM20	605	192/268	83	60	247/212	40	4x22	130	8
700	27 1/2"	11"	200	235	NORMA	196,8	192	83	60	247	40	4x22	130	8
700	27 1/2"	15"	200	330,2	NORMA	285,8	268	83	60	212	40	4x22	130	8
800	31 1/2"	Cajera/Recess	205	760	6xM20	705	268/381	83	60	247/184	40	4x22	130	8
800	31 1/2"	11"	205	235	NORMA	196,8	192	83	60	272	40	4x22	130	8
800	31 1/2"	15"	205	330,2	NORMA	285,8	268	83	60	247	40	4x22	130	8
800	31 1/2"	20"	225	463,6	NORMA	412,8	381	83	60	184	40	4x22	130	8
900	35 2/5"	Cajera/Recess	215	850	6xM24	805	280/381	83	60	272/247	40	4x22	130	8
900	35 2/5"	11"	215	235	NORMA	196,8	280	83	60	272	40	4x22	130	8
900	35 2/5"	15"	215	330,2	NORMA	285,8	280	83	60	272	40	4x22	130	8
900	35 2/5"	20"	235	463,6	NORMA	412,8	381	83	60	247	40	4x22	130	8
1000	39 2/5"	Cajera/Recess	225	950	6xM24	905	280/408	83	60	327/272	40	4x22	130	10
1000	39 2/5"	15"	225	330,2	NORMA	285,8	280	83	60	327	40	4x22	130	10
1000	39 2/5"	20"	235	463,6	NORMA	412,8	408	83	60	272	40	4x22	130	10

CORONA/SCROLL

HUSILLO/SCREW

Ø mm	Ø inch	Material	Max R.P.M	Max Par de apriete	Fuerza de amarre	Max Par de apriete	Fuerza de amarre	Peso	Ømax. Amarre	Ø Min Amarre
Ø mm	Ø inch	Material	Max R.P.M	Max Torque on Key	Gripping Force	Max Torque on Key	Gripping Force	Weight	Max Clamping Ø	Min Clamping Ø
630	24	Acero/Steel	970	40 Da.N.M	12500 DAN	70 Da.N.M	5000 DAN	430	630	80
700	28	Acero/Steel	873	70 Da.N.M	13500 DAN	70 Da.N.M	5000 DAN	500	700	80
800	32	Acero/Steel	764	75 Da.N.M	15000 DAN	70 Da.N.M	5000 DAN	650	800	120
900	36	Acero/Steel	679	75 Da.N.M	12500 DAN	70 Da.N.M	5000 DAN	880	900	120
1000	40	Acero/Steel	611	90 Da.N.M	12000 DAN	70 Da.N.M	5000 DAN	1010	1000	120

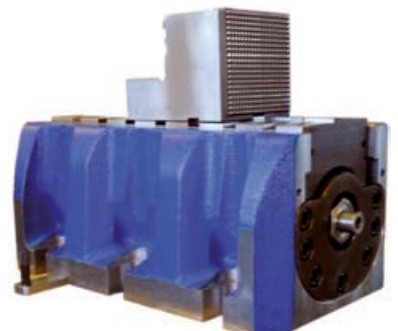
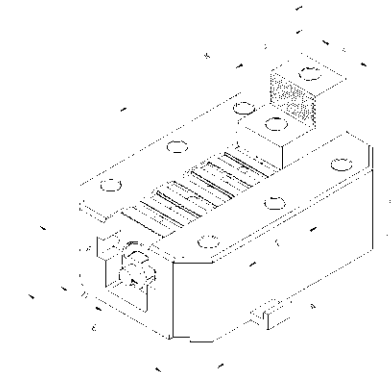
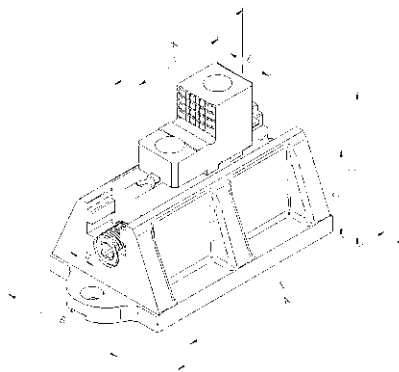
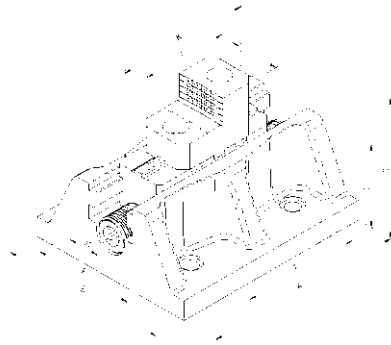
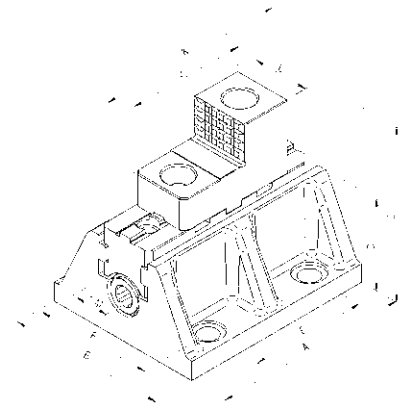
Ø (mm)	Ø inch	CONO/MOUNTING	CÓDIGO/CODE
630	24"	Cajera / Recess	1CA4R63000
630	24"	55026-11"	1CA4R63016
630	24"	55026-15"	1CA4R63017
700	27 1/2"	Cajera / Recess	1CA4R70000
700	27 1/2"	55026-11"	1CA4R70016
700	27 1/2"	55026-15"	1CA4R70017
800	31 1/2"	Cajera / Recess	1CA4R80000
800	31 1/2"	55026-11"	1CA4R80016
800	31 1/2"	55026-15"	1CA4R80017
900	35 2/5"	Cajera / Recess	1CA4R90000
900	35 2/5"	55026-11"	1CA4R90016
900	35 2/5"	55026-15"	1CA4R90017
1000	39 2/5"	Cajera / Recess	1CA4R100000
1000	39 2/5"	55026-15"	1CA4R100017
1000	39 2/5"	55026-20"	1CA4R100018



PLATOS MANUALES

Bloques soporte

Box Jaws



Modelo												
Type	A	B	C	D	E	F	G	H	J	K	L	M
3	210	172	98	188	120-130	M16-M20	125	200	60	130	89	40
4	305	250	125	213	140-200	M18-M24	180	203	75	130	89	50
6	360	170	118	209		M18-M24	315	200	60	130	89	40
7	450	300	160	260	220-300	M24-M30		400	100	150	100	80

- Cuerpo hierro fundido modelo 3, 4 y 6.
- Modelo 7 en acero con husillos multiplicadores de fuerza
- Diseños especiales según especificaciones
- Otras medidas superiores bajo consulta
- Peso por bloque
- Fuerza de amarre por garra

- Cast iron body type 3, 4 y 6
- Type 7 in steel with power clamping screws
- Special design according to customer specifications
- Other bigger dimensions on request
- Weight each box jaw
- Clamping force per jaw

Modelo	Peso	Max Par de apriete	Fuerza de amarre
Type	Weight	Max Torque on Key	Gripping Force
3	16	60 Da.N.m	4000 DAN
4	37	70 Da.N.m	7000 DAN
6	25	60 Da.N.m	4500 DAN
7	155	40/20 Da.N.m	16000 DAN

CABEZALES DE TORNO

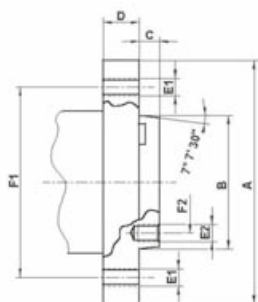
Forma A



DIN-55026
DIN-55021

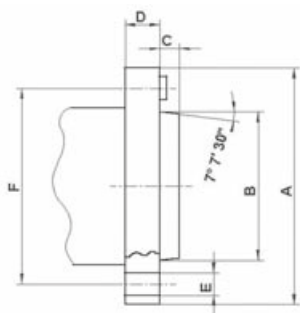
- Agujeros roscados y pasantes en el diámetro exterior.
- Tapped and drilled holes on outer bolt circle.

Forma B

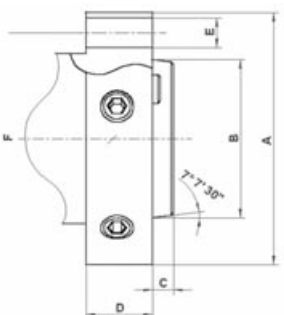


DIN-55027
DIN-55022
ISO 702/III

- Agujeros roscados y pasantes en el diámetro exterior y roscados en el interior.
- Tapped and drilled holes on outer bolt circle, tapped holes on inner bolt circle.



CAMLOCK D1
DIN-55029
ISO 702/II



Cabezales de torno

Lathe spindles

NARIZ DE HUSILLO								
SPINDLE NOSE	A	B	C	D	E1	ØF1	E2	ØF2
3	102	53,985	11	16	3xM10	75	-	-
4	112	63,525	11	20	3xM10	85	-	-
5	135	82,575	13	22	7xM10	104,8	8xM10	61,9
6	170	106,390	14	25	7xM12	133,4	8xM12	82,6
8	220	139,735	16	28	7xM16	171,4	8xM16	111,1
11	290	196,885	18	35	12xM20	235	8xM20	165,1
15	380	285,800	20	42	12xM24	330,2	11xM24	247,6
20	520	412,800	21	48	12xM24	463,6	11xM24	368,3
28	725	584,248	24	56	12xM30	647,6	11xM30	530,2

NARIZ DE HUSILLO						
SPINDLE NOSE	A	B	C	D	E	F
3	102	53,983	11	16	3xM10	75
4	112	63,521	11	20	3xM10	85
5	135	82,573	13	22	4xM10	104,8
6	170	106,385	14	25	4xM12	133,4
8	220	139,731	16	28	4xM16	171,4
11	290	196,883	18	35	6xM20	235
15	400	285,791	19	42	6xM24	330,2
20	540	412,795	21	48	6xM24	463,6

NARIZ DE HUSILLO						
SPINDLE NOSE	A	B	C	D	E	F
3	92	53,983	11	32	3x15,1	70,6
4	117	63,521	11	34,3	3x16,7	82,6
5	146	82,573	13	38	6x19,8	104,8
6	181	106,385	14	45	6x23	133,4
8	225	139,731	16	50	6x26,2	171,4
11	298	196,883	18	60	6x31	235
15	403	285,791	19	70	6x35,7	330,2
20	546	412,795	21	82	6x42,1	463,6

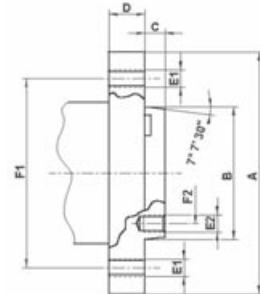
LATHE SPINDLES

Forma A1

NARIZ DE HUSILLO								
SPINDLE NOSE	A	B	C	D	E1	ØF1	E2	ØF2
5	133,4	82,575	14,3	22,2	11x7/16-14UNC	104,8	8x7 / 16-14UNC	61,9
6	165,1	106,39	15,9	25,4	11x1/2-13UNC	85	8x1 / 2-13UNC	82,6
8	209,5	139,735	17,5	28,6	11x5/8-11UNC	104,8	8x5 / 8-11UNC	111,1
11	279,4	196,885	19	34,9	11x3/4-10UNC	133,4	8x3 / 4-10UNC	165,1
15	381	285,8	20,6	41,3	12x7/8-9UNC	171,4	11x7 / 8-9UNC	247,6
20	520	412,8	22	47,6	12x1-8UNC	235	11x1 1-8UNC	368,3
28	725	584,248	24	56	12x1 1/4-7UNC	647,6	11x1 1 / 4-7UNC	530,2

- Agujeros roscados en la brida y en la circunferencia interior.

- Tapped holes on both inner and outer bolt circle.

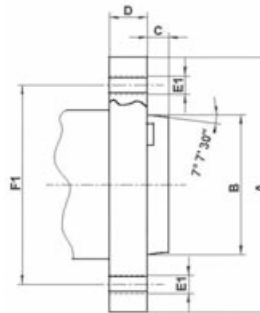


Forma A2

NARIZ DE HUSILLO						
SPINDLE NOSE	A	B	C	D	E1	ØF1
3	92,1	53,985	11,1	15,9	3x7/16-14UNC	70,66
4	108	63,525	11,1	19	11x7 / 16-14UNC	82,55
5	133,4	82,575	12,7	22,2	11x7 / 16-14UNC	104,8
6	165,1	106,39	14,3	25,4	11x1 / 2-13UNC	133,4
8	209,5	139,735	15,9	28,6	11x5 / 8-11UNC	171,4
11	279,4	196,885	17,5	34,9	11x3 / 4-10UNC	235
15	381	285,8	19	41,3	12x7 / 8-9UNC	330,2
20	520	412,8	20,6	47,6	12x1 -8UNC	463,6
28	725	584,248	24	56	12x1 1 / 4-7UNC	647,6

- Agujeros roscados en la brida sin circunferencia interior de agujeros.

- Tapped holes on outer bolt circle no holes on inner bolt circle.

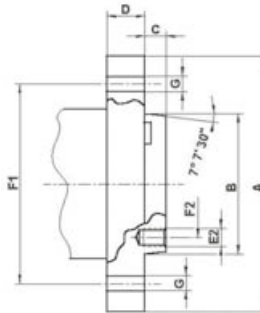


Forma B1

NARIZ DE HUSILLO								
SPINDLE NOSE	A	B	C	D	G	ØF1	E2	ØF2
5	133,4	82,575	14,3	22,2	11x11,9	104,8	8x7 / 16-14UNC	61,9
6	165,1	106,39	15,9	25,4	11x13,5	133,4	8x1 / 2-13UNC	82,6
8	209,5	139,735	17,5	28,6	11x16,7	171,4	8x5 / 8-11UNC	111,1
11	279,4	196,885	19	34,9	11x20,2	235	8x3 / 4-10UNC	165,1
15	381	285,8	20,6	41,3	12x23,4	330,2	11x7 / 8-9UNC	247,6
20	520	412,8	22	47,6	12x26,6	463,6	11x1 1-8UNC	368,3
28	725	584,248	24	56	12x26,6	647,6	11x1 1 / 4-7UNC	530,2

- Agujeros de paso en la brida, agujeros roscados en la circunferencia interior.

- Drilled holes on outer bolt circle, tapped holes on inner bolt circle.



ASA B 5.9
A1-A2,
B1-B2

Forma B2

NARIZ DE HUSILLO						
SPINDLE NOSE	A	B	C	D	G	ØF1
3	92,1	53,985	11,1	15,9	3x11,9	70,66
4	108	63,525	11,1	19	11x11,9	82,55
5	133,4	82,575	12,7	22,2	11x11,9	104,8
6	165,1	106,39	14,3	25,4	11x13,5	133,4
8	209,5	139,735	15,9	28,6	11x16,7	171,4
11	279,4	196,885	17,5	34,9	11x20,2	235
15	381	285,8	19	41,3	12x23,4	330,2
20	520	412,8	20,6	47,6	12x26,6	463,6
28	725	584,248	24	56	12x26,6	647,6

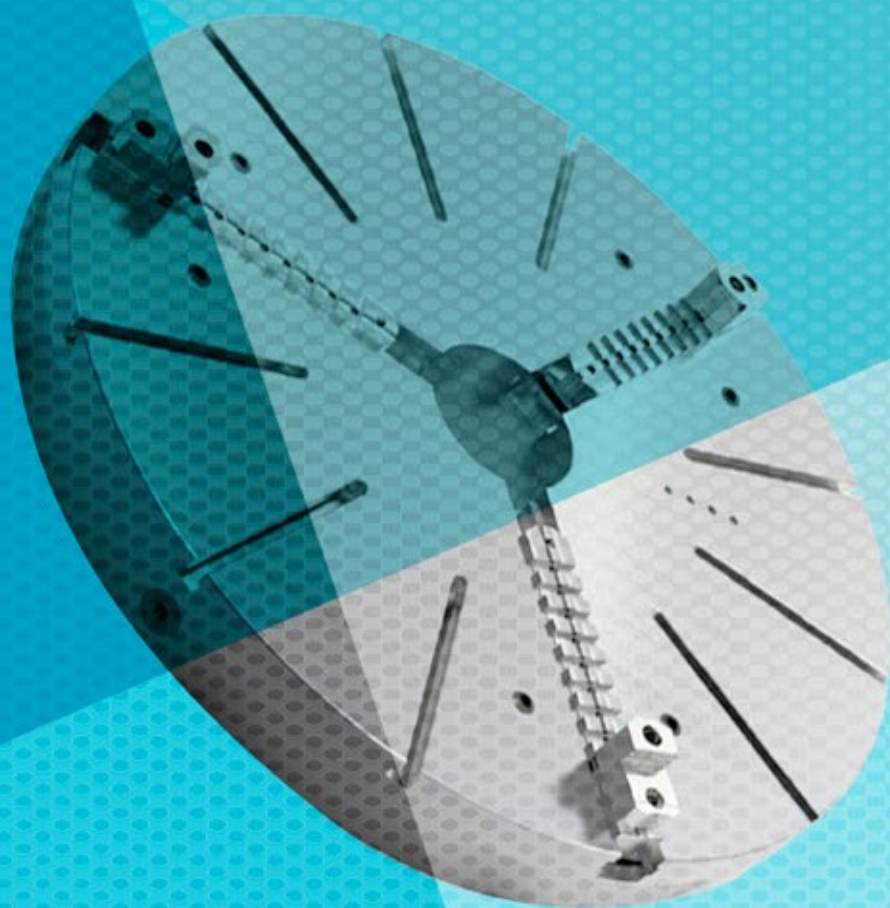
- Agujeros de paso en la brida, sin circunferencia interior de agujeros.

- Drilled holes on outer bolt circle, on holes on inner bolt circle.





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