



Live tooling for CNC Lathes

Porte-outils tournants pour les tours CN / Portautensili motorizzati per tornio CN



Management System
ISO 9001:2015



www.tuv.com
ID 9105079298

Tradition in precision

Since 1956 **Madaula** has stood for the highest quality and the best reliability of its products. We have more than 60 years of experience in design, development and manufacture all kind of heads for the machine tool industry.



Depuis 1956, **Madaula** est synonyme de la plus haute qualité et de la meilleur fiabilité pour ses produits. Nous avons plus de 60 ans d'expérience dans la conception, le développement et la fabrication de tous types de têtes pour l'industrie de la machine-outil.

Dal 1956 **Madaula** è sinonimo di massima qualità e di grande affidabilità. Abbiamo più di 60 anni di esperienza nella progettazione, sviluppo e produzione di tutti i tipi di teste per il settore delle macchine utensili.



Innovation and reliability

We're focused on our ability to create products adapted to our customer's needs, reduce their manufacturing cost, thereby improving their competitive edge in the market.

We work to ensure optimally designed, precise, robust and durable products.

We love challenges. Our goal is to turn your vision into reality and thereby increase your productivity.

Nous nous sommes consacrés sur notre capacité à créer des produits adaptés aux besoins des clients, à réduire leurs coûts de fabrication et ainsi améliorer leur avantage compétitive sur le marché. Nous travaillons pour créer des produits de conception optimale, durables, robustes et précis. Nous aimons les défis. Notre objectif est d'augmenter votre productivité.

Siamo concentrati sulla nostra capacità di creare prodotti adatti alle esigenze dei nostri clienti, ridurre i loro costi di produzione, migliorando in tal modo il loro vantaggio competitivo nel mercato. Lavoriamo costantemente per progettare in modo ottimale i nostri prodotti per renderli precisi, robusti e durevoli.

Noi amiamo le sfide. Il nostro obiettivo è quello di trasformare la vostra richiesta in realtà e di conseguenza aumentare la vostra produttività.

All over the world

Our head office and factory are located in Barcelona, recognized city throughout the world by the creativity and constant innovation of its industries.

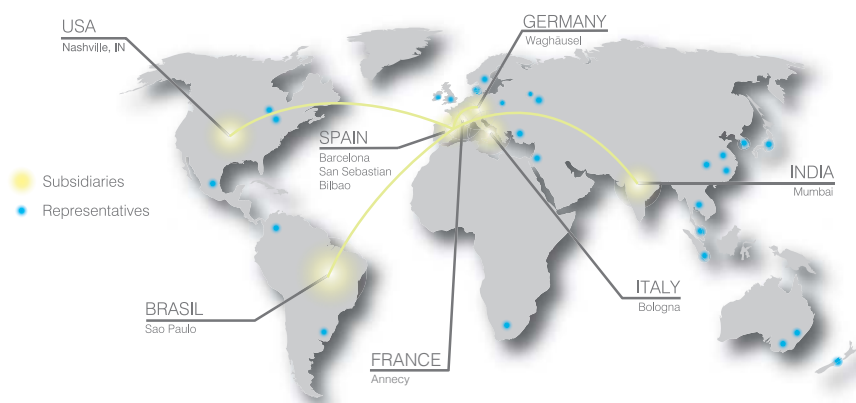
We sell all over the world with subsidiaries in Germany, USA, Italy, France, Brazil and India, with representatives all over the world. We export the 80% of our production.

Notre siège social et l'usine sont situés à Barcelone, ville reconnue mondialement par sa la créativité et constante innovation.

Nous vendons partout dans le globe avec des filiales en Allemagne, USA, Italie, France, Brésil et l'Inde, et avec des représentations dans le monde entier. Nous exportons le 80% de notre production.

La nostra sede principale e lo stabilimento si trova a Barcellona, città riconosciuta in tutto il mondo per la creatività e l'innovazione costante delle sue industrie.

Vendiamo in tutto il mondo con filiali in Germania, Stati Uniti, Italia, Francia, Brasile e India con i rap-presentanti di tutto il mondo. Espor-tiamo l'80% della nostra produzione.



Manufacturing facilities

We welcome you to our facilities. Madaula has a continuous improvement policy, we invest to improve our technical production, assembly and quality departments.

Soyez les bienvenus dans nos nou-velles installations. Madaula investit constamment afin d'accroître sa capacité de production. Nous avons développé nos départements usina-ge et montage mais aussi qualité.

Abbiamo il piacere di informarvi a riguardo i nostri nuovi servizi. Madaula investe per migliorare la propria capacità di produzione di utensili. Ampliamo i nostri reparti di assemblaggio e di qualità.



Passion for precision

- Precise and rigid manufacture
- Adaptable to all types of machines
- 100% Checked and tested
- High speed rotation
- Longer tool life

Modular design. All types of turret connections and drive couplings available.

Concept modulaire. Nous fabriquons tous les types de connection et entrainement aux différentes tourelles.

Disegno modulare. Tutti i tipi di connessioni torretta e trascinamento disponibili.

Improved sealing design combining a labyrinth and optimized friction seals to get hermetically sealed spindles.

Amélioration de la conception de l'étanchéité en combinant un labyrinthe et joints à friction optimisée pour obtenir une parfaite étanchéité.

Disegno migliorato che combina labirinti e guarnizioni di tenuta, ottimizzati per ottenere mandrini ermetici.

Adjustable coolant nozzle.

Buse orientable pour l'arrosage.

Ugello refrigerante regolabile.

Multiple output options.

Multiples options de sortie.

Diverse opzioni di uscita.

Primary labyrinth seal.

Joint à labyrinthe primaire.

Tenuta primaria a labirinto.

High precision P4 quality preloaded bearings.

Roulements de haute précision P4 préchargés.

Cuscinetti di alta precisione qualità P4 precaricati.

Hardened aluminium bodies for light heads. Steel bodies for heavy heads. Bodies machined from a solid block.

Corps en aluminium durcis pour les têtes légères. Corps en acier pour les têtes lourdes. Corps usinés du massif.

Corpi in alluminio temprato per teste piccole. Corpi in acciaio per teste pesanti. Corpi lavorati dal pieno.

Fixed type or easy alignment system. Reduced set up time.

Système fixe ou de réglage facile. Temps de mise à point réduit.

Sistema fisso oppure di facile regolazione. Tempo di installazione ridotto.

Available with coolant through the spindle up to 80 bar.

Disponible avec passage du liquide de refroidissement à travers de la broche jusqu'à 80 bar.

Disponibili con refrigerante interno mandrino fino 80 bar.

High grade synthetic grease for long life lubrication.

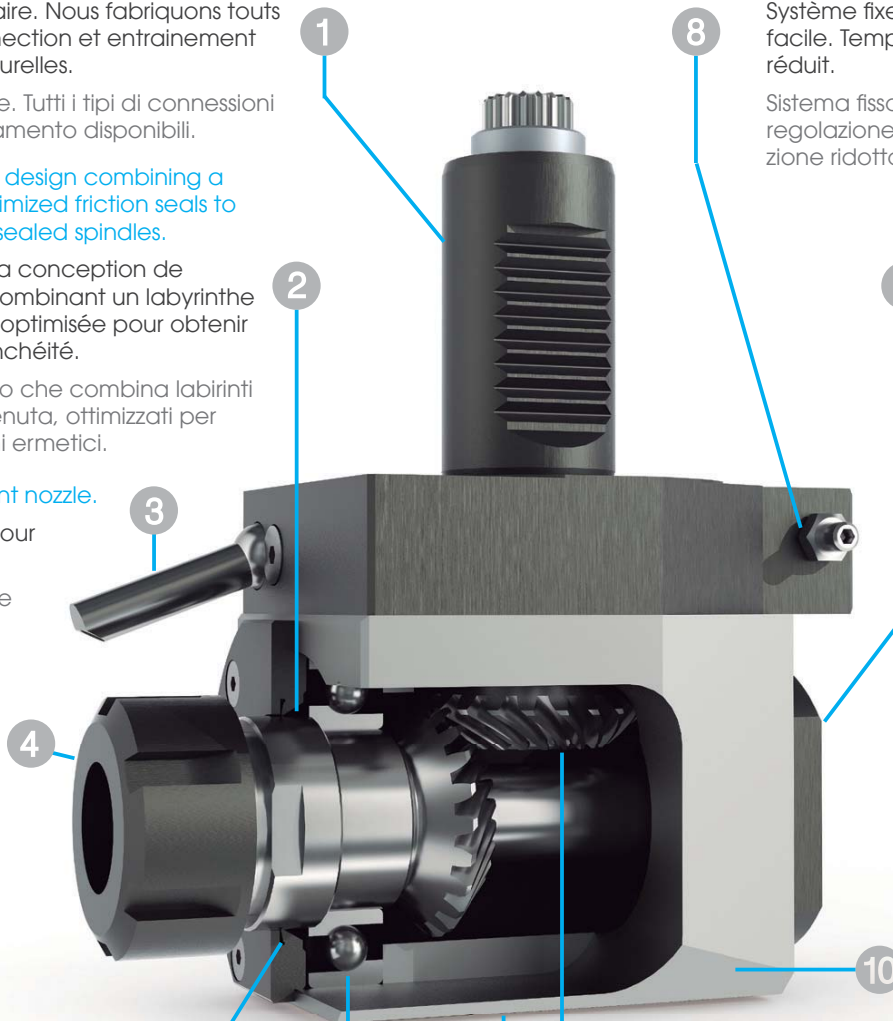
Lubrification à la graisse à longue durée de vie.

Grasso sintetico per la lubrificazione a lunga durata.

Hand matched or ground spiral bevel gears with new tooth geometry and surface treatments to minimize backlash. Smooth and quiet running with 30-50% higher torque.

Engrenages spiro-coniques rectifiés ou rodés pour un jeu de denture optimal, avec de nouvelles géométries de dents et des traitements de surfaces les plus performants. Fonctionnement souple et silencieux avec un accroissement de 30 à 50 % du couple transmissible.

Abbinato realizzato ingranaggi conici con spirale modificata che permette di ridurre al minimo il gioco di trasmissione. Questi ingranaggi sono realizzati con materiali e trattamenti specifici per aumentarne la durata. La qualità del dente e il materiale utilizzato ci permette di trasmettere una Coppia dal 30-50% maggiore.



BMT Series

5 BMT

BMT-45: Lynx 2100 MA, Lynx 220 LSVA / LMDS, Lynx 220 LSVA / LSYC, Lynx 220 M / LM, PUMA 230/240/280 (M,LM,S), Lynx 220 MA / LMA / MC / LMC, Lynx 220 YA / YC / LYA / LYC, PUMA MX 1600 T / ST, Hardinge

BMT-55: Lynx 300 (M), PUMA 1500/2000/2500 (M,S,Y), PUMA 2100 (Y,LY,SY,LSY), PUMA 2100/2600/3100 M/Y/MS/SY, PUMA 230/240/280 (M,LM,S), PUMA GT2100M, PUMA H250TM, PUMA MX2100 (ST,LST), PUMA TL2000/2500 (M,LM), Hardinge, Hwacheon: Cutex-160, SMEC/Samsung: SL 20MC, Hyundai Wia: SKT-180TTSY, Victor: Vturn-A16/A20 (YSCM)

BMT-65: PUMA 2100/2600 (M,LM,MS,LMS), PUMA 2100/2600 (Y,LY,SY,LSY), PUMA 300 (M,MS,MB,MC), PUMA 3100 (M,LM,LY,XLM,XLY,ULM,ULY), PUMA MX2000/2500, PUMA MX2600 (T,ST), PUMA TT2500 (MS/SY), PUMA V400 (M), PUMA VT450 (M,2SP), Hwacheon: Cutex-240/HI-TECH200/T2-Series, HI-TECH300/400, VT-450, Hyundai Wia: L2100SY, SKT-200/250TTSY, SKT-250/300 (L,M), SKT-250/300 (MS), Maxsin, SMEC/Samsung: SL25 / SL35, Tongtai: TMT2000, Victor: Vturn-A26 (YSCM).

8 CMZ

BMT-32: CMZ TB 46M, CMZ TB 67M, CMZ TBL 46, CMZ TL 15M

9 MORI SEIKI

BMT-60: NL 1500/2000/2500/3000, NLX 1500/2000/2500/3000, NT 3250/4200/4250/4300/5400, NZL 2500, DMG: CTX Beta 800, Goodway: GS-2600Y, Chevalier: FNL-250/300, Feeler: HT-30 MC S/SY, MT Rent: MTcurt T25Y SY

10 NAKAMURA

BMT-44: NTJ 200, Super NTMX, Super NTY3, WT-100, WY-100, Murata:Muratec MT100

BMT-55: AS-200, NTM 3, NTY 3-250, SC-150M, SC-250M, Super NTJ/NTJX, TMC-20 II M/ML, TW-10, TW-20, WT-20 II M/MY, WT-150, WT-250, WTS-150, WTW-150, WY-250, CMZ: TX 52/66

BMT-65: WT-300, SC300, TW20, TMC-200M, TMC3000-M, SUPER NTX, TW20M, MY, MM, MMY, MMY (12 stations), TW30M, MY, MM, MMY, MMY (16 stations)



VDI Series

12 BARUFFALDI

VDI-30: TOEM/TBMA-160/12, Jyoti: TMC-250A-45, Spinner: TC-46/52/65/66/400/600/67L, Traub: TND-200, AUM: Angelini-Oscar

VDI-40: TOEM/TBMA-200/12, Accuway: UT-300/300L, CMZ: TL-20M, Spinner: TCC-67H, TC-600/800 MC-MC4, TC-82 MC

17 DUPLOMATIC DIN-1809

22 HAAS

27 OKUMA

31 SAUTER DIN-5480, DIN-5482

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

BMT-45 Models

Doosan: Lynx 2100 MA, Lynx 220 LMSA / LMSC
Lynx 220 LSYA / LSYC, Lynx 220 M / LM
PUMA 230/240/280 (M,LM,S)
Lynx 220 MA / LMA / MC / LMC
Lynx 220 YA / YC / LYA / LYC
PUMA MX 1600 T / ST
Hardinge: BMT-45





BMT-55 Models

Doosan: Lynx 300 (M)
PUMA 1500/2000/2500 (M,S,Y)
PUMA 2100 (Y,LY,SY,LSY)
PUMA 2100/2600/3100 M/Y/MS/SY
PUMA 230/240/280 (M,LM,S)
PUMA GT2100M, PUMA H250TM
PUMA MX2100 (ST,LST), PUMA TL2000/2500 (M,LM)
Hardinge: BMT-55
Hwacheon: Cutex-160
SMEC/Samsung: SL 20MC
Hyundai Wia: SKT-180TTSY
Victor: Vturn-A16/A20 (YSCM)

BMT-65 Models

Doosan:
PUMA 2100/2600 (M,LM,MS,LMS)
PUMA 2100/2600 (Y,LY,SY,LSY)
PUMA 300 (M,MS,MB,MC)
PUMA 3100 (M,LM,LY,XLM,XLY,ULM,ULY)
PUMA MX2000/2500
PUMA MX2600 (T,ST)
PUMA TT2500 (MS/SY)
PUMA V400 (M)
PUMA VT450 (M,2SP)
Haas: St 20Y, ST 35Y, DS-30Y
Hwacheon: Cutex-240 /
HI-TECH200/T2-Series
HI-TECH300/400, VT-450
Hyundai Wia: L2100SY
SKT-200/250TTSY, SKT-250/300 (L,M)
SKT-250/300 (MS)
Maxsin: BMT-65
SMEC/Samsung: SL25 / SL35
Tongtai: TMT2000
Victor: Vturn-A26 (YSCM)



Code	D mm		 RPM. Max.	 Nm. Max.	 IC	F mm	W mm	W1 mm		
BMT-45	DN.000.45	45	ER-25	6.000	1:1	50	-	68	75	78.5
	DN.005.45	45	ER-25	6.000	1:1	50	20bar			
BMT-55	DN.000.55	55	ER-25	6.000	1:1	50	-	71	85	85
	DN.005.55	55	ER-25	6.000	1:1	50	20bar			
BMT-65	DN.000.65	65	ER-32	6.000	1:1	70	-	75.3	94	94
	DN.005.65	65	ER-32	6.000	1:1	70	20bar			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

BMT-45 Models

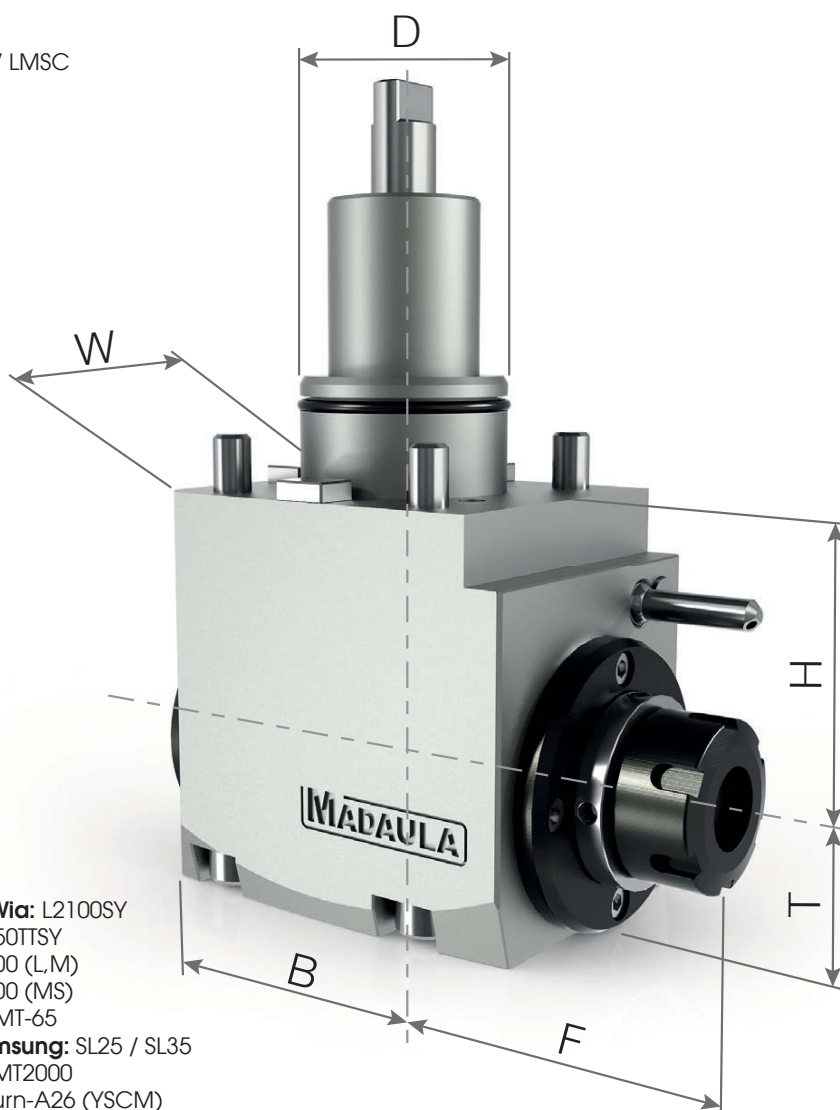
Doosan: Lynx 2100 MA, Lynx 220 LMSA / LMSC
 Lynx 220 LSYA / LSYC, Lynx 220 M / LM
 PUMA 230/240/280 (M,LM,S)
 Lynx 220 MA / LMA / MC / LMC
 Lynx 220 YA / YC / LYA / LYC
 PUMA MX 1600 T / ST
Hardinge: BMT-45






BMT-55 Models

Doosan: Lynx 300 (M)
 PUMA 1500/2000/2500 (M,S,Y)
 PUMA 2100 (Y,LY,SY,LSY)
 PUMA 2100/2600/3100 M/Y/MS/SY
 PUMA 230/240/280 (M,LM,S)
 PUMA GT2100M, PUMA H250TM
 PUMA MX2100 (ST,LST)P
 PUMA TL2000/2500 (M,LM)
Hardinge: BMT-55
Hwacheon: Cutex-160
SMEC/Samsung: SL 20MC
Hyundai Wia: SKT-180TTSY
Victor: Vturn-A16/A20 (YSCM)

BMT-65 Models

Doosan:
 PUMA 2100/2600 (M,LM,MS,LMS)
 PUMA 2100/2600 (Y,LY,SY,LSY)
 PUMA 300 (M,MS,MB,MC)
 PUMA 3100 (M,LM,LY,XLM,XLY,ULM,ULY)
 PUMA MX2000/2500
 PUMA MX2600 (T,ST)
 PUMA TT2500 (MS/SY)
 PUMA V400 (M)
 PUMA VT450 (M,2SP)
Haas: St 20Y, ST 35Y, DS-30Y
Hwacheon: Cutex-240 /
 HI-TECH200/T2-Series
 HI-TECH300/400, VT-450
Hyundai Wia: L2100SY
 SKT-200/250TTSY
 SKT-250/300 (L,M)
 SKT-250/300 (MS)
Maxsin: BMT-65
SMEC/Samsung: SL25 / SL35
Tongtai: TMT2000
Victor: Vturn-A26 (YSCM)



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	T mm	W mm	
BMT-45	DN.010.45	45	ER-25	6.000	1:1	50	-	65	57	98	36.5	75
	DN.016.45	45	ER-25	6.000	1:1	50	20bar					
BMT-55	DN.010.55-H70	55	ER-25	6.000	1:1	50	-	70	57.5	86	37.5	85
	DN.010.55-H85	55	ER-25	6.000	1:1	50	-	85				
	DN.016.55-H70	55	ER-25	6.000	1:1	50	20bar	70				
	DN.016.55-H85	55	ER-25	6.000	1:1	50	20bar	85				
BMT-65	DN.010.65-H72	65	ER-32	6.000	1:1	70	-	72	59	110	38	94
	DN.010.65-H100	65	ER-32	6.000	1:1	70	-	100				
	DN.016.65-H72	65	ER-32	6.000	1:1	70	20bar	72				
	DN.016.65-H100	65	ER-32	6.000	1:1	70	20bar	100				

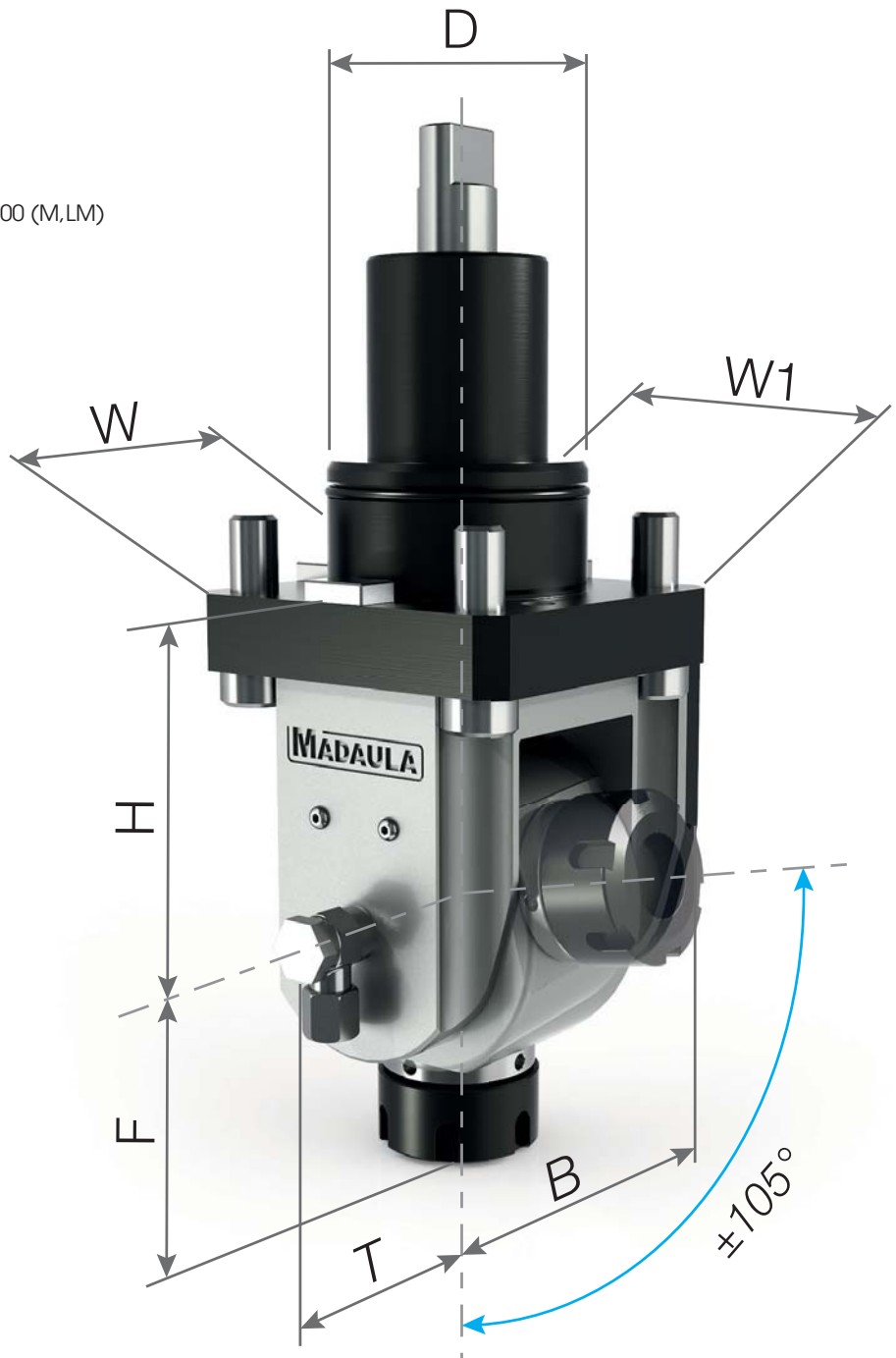
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.






BMT-55 Models

Doosan: Lynx 300 (M)
PUMA 1500/2000/2500 (M,S,Y)
PUMA 2100 (Y,LY,SY,LSY)
PUMA 2100/2600/3100 M/Y/MS/SY
PUMA 230/240/280 (M,LM,S)
PUMA GT2100M, PUMA H250TM
PUMA MX2100 (ST,LST), PUMA TL2000/2500 (M,LM)
Hardinge: BMT-55
Hwacheon: Cutex-160
SMEC/Samsung: SL 20MC
Hyundai Wia: SKT-180TTSY
Victor: Vturn-A16/A20 (YSCM)

BMT-65 Models

Doosan:
PUMA 2100/2600 (M,LM,MS,LMS)
PUMA 2100/2600 (Y,LY,SY,LSY)
PUMA 300 (M,MS,MB,MC)
PUMA 3100 (M,LM,LY,XLM,XLY,ULM,ULY)
PUMA MX2000/2500
PUMA MX2600 (T,ST)
PUMA TT2500 (MS/SY)
PUMA V400 (M)
PUMA VT450 (M,2SP)
Haas: St 20Y, ST 35Y, DS-30Y
Hwacheon: Cutex-240 /
HI-TECH200/T2-Series
HI-TECH300/400, VT-450
Hyundai Wia: L2100SY
SKT-200/250TTSY, SKT-250/300 (L,M)
SKT-250/300 (MS)
Maxsin: BMT-65
SMEC/Samsung: SL25 / SL35
Tongtai: TMT2000
Victor: Vturn-A26 (YSCM)



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	F mm	B mm	T mm	W mm	W1 mm	
BMT-55	DN.021.55	55	ER-25	6.000	1:1	16	-	80	64	59	42.5	85	85
	DN.022.55	55	ER-25	6.000	1:1	16	20bar	80	64	59	42.5	85	85
BMT-65	DN.021.65	65	ER-25	6.000	1:1	16	-	80	64	59	47	94	94
	DN.022.65	65	ER-25	6.000	1:1	16	20bar	80	64	59	47	94	94

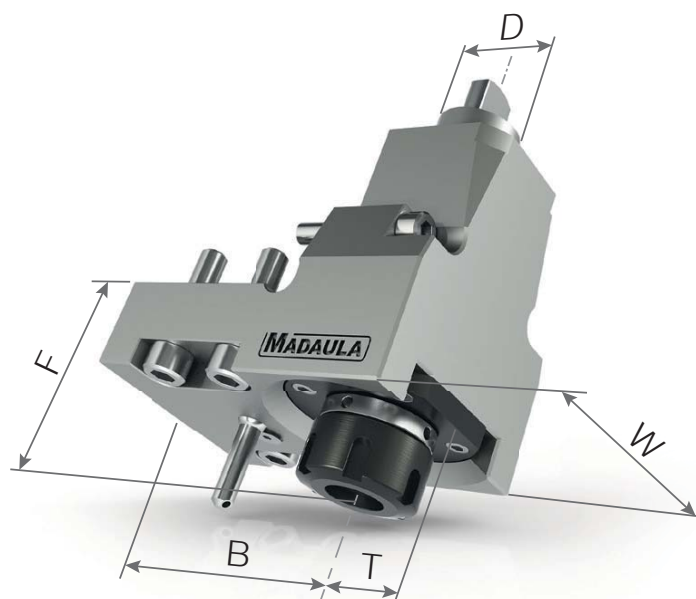
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.






CMZ

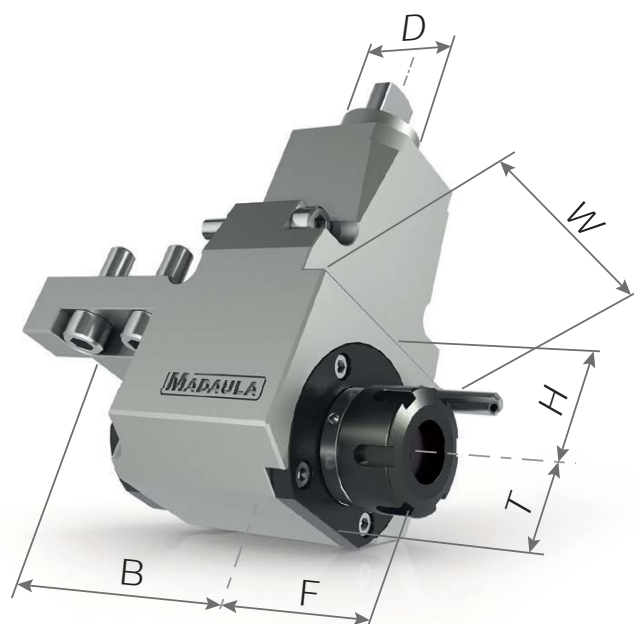
BMT-32 Models






CMZ TB 46M
 CMZ TB 67M
 CMZ TBL 46
 CMZ TL 15M

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 creative solutions



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		B mm	F mm	T mm	W mm
CMZ.000.32	32	ER-25	6.000	1:1	28	-	95	56	29	88
CMZ.005.32	32	ER-25	6.000	1:1	28	20bar				



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	T mm	W mm
CMZ.010.32	32	ER-25	6.000	1:1	28	-	40	95	67	28	88
CMZ.016.32	32	ER-25	6.000	1:1	28	20bar					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

MORI SEIKI

BMT-60 Models






Mori Seiki: NL
1500/2000/2500/3000
NLX 1500/2000/2500/3000
NT 3250/4200/4250/4300/5400
NZL 2500

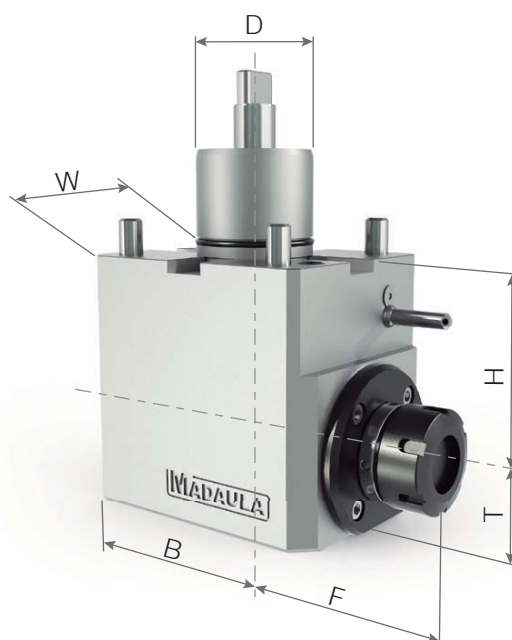
MADAULA






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DMG: CTX Beta 800
Goodway: GS-2600Y
Chevalier: FNL-250/300
Feeler: HT-30 MC S/SY
MT Rent: MTcurt T25Y SY



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	W mm	W1 mm
MS.000.NL2000	60	ER-32	6.000	1:1	70	-	89	108	130
MS.005.NL2000	60	ER-32	6.000	1:1	70	20bar			



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	T mm	W mm
MS.010.NL2000	60	ER-32	6.000	1:1	70	-	90	65	107	38	108
MS.016.NL2000	60	ER-32	6.000	1:1	70	20bar					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

BMT-44 Models

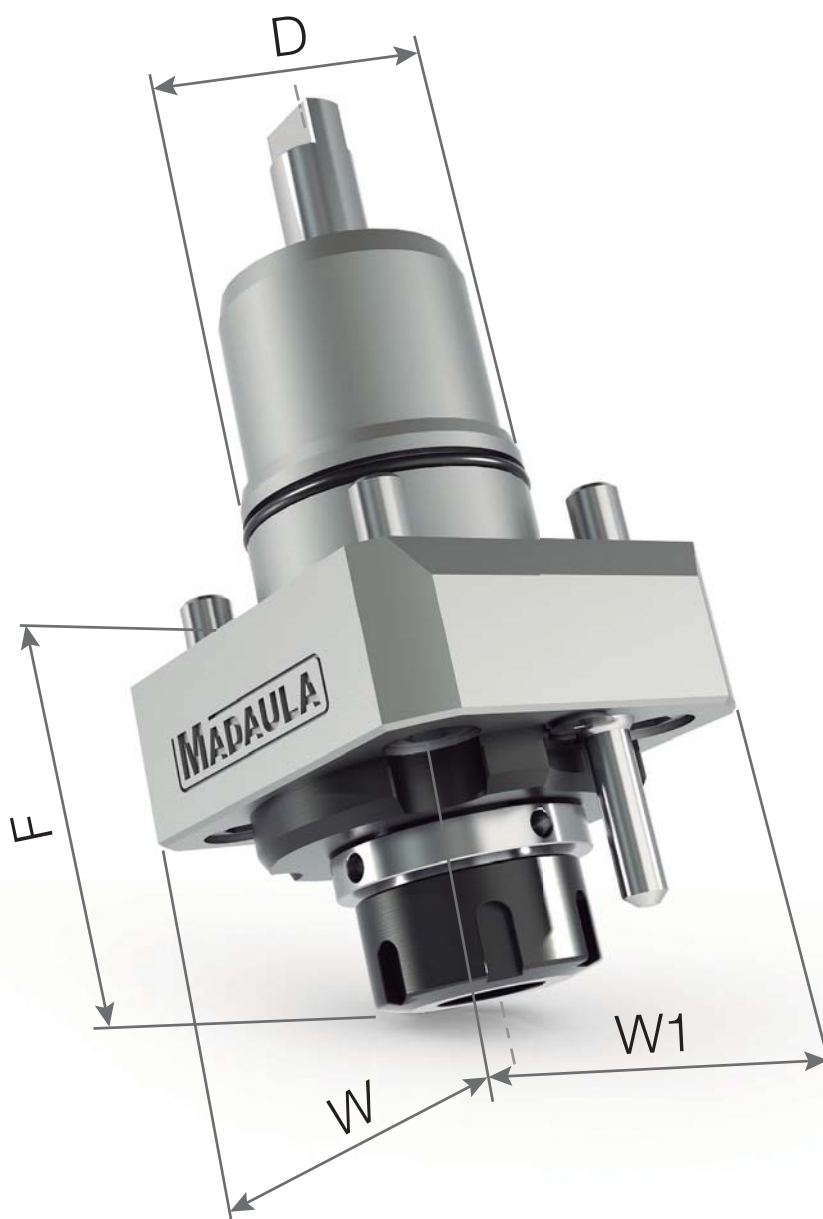
Nakamura: NTJ 200
Super NTMX
Super NTY3
WT-100
WY-100
Murata: Muratec MT100






BMT-55 Models

Nakamura: AS-200
NTM 3
NTY 3-250
SC-150M
SC-250M
Super NTJ/NTJX
TMC-20 II M/ML
TW-10
TW-20
WT-20 II M/MY
WT-150
WT-250
WTS-150
WTW-150
WY-250
CMZ: TX 52/66

BMT-65 Models

Nakamura:
WT-300
SC300
TW20
TMC-200M
TMC3000-M
SUPER NTX
TW20M, MY, MM, MMY, MMY
(12 stations)
TW30M, MY, MM, MMY, MMY
(16 stations)



Code		D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	W mm	W1 mm
BMT-44	NK.000.44	44	ER-25	6.000	1:1	40	-	69	82	62
	NK.005.44	44	ER-25	6.000	1:1	40	20bar			
BMT-55	NK.000.55	55	ER-25	6.000	1:1	50	-	71	80	86
	NK.005.55	55	ER-25	6.000	1:1	50	20bar			
BMT-65	NK.000.65	65	ER-32	6.000	1:1	70	-	75	96	96
	NK.005.65	65	ER-32	6.000	1:1	70	20bar			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

BMT-44 Models

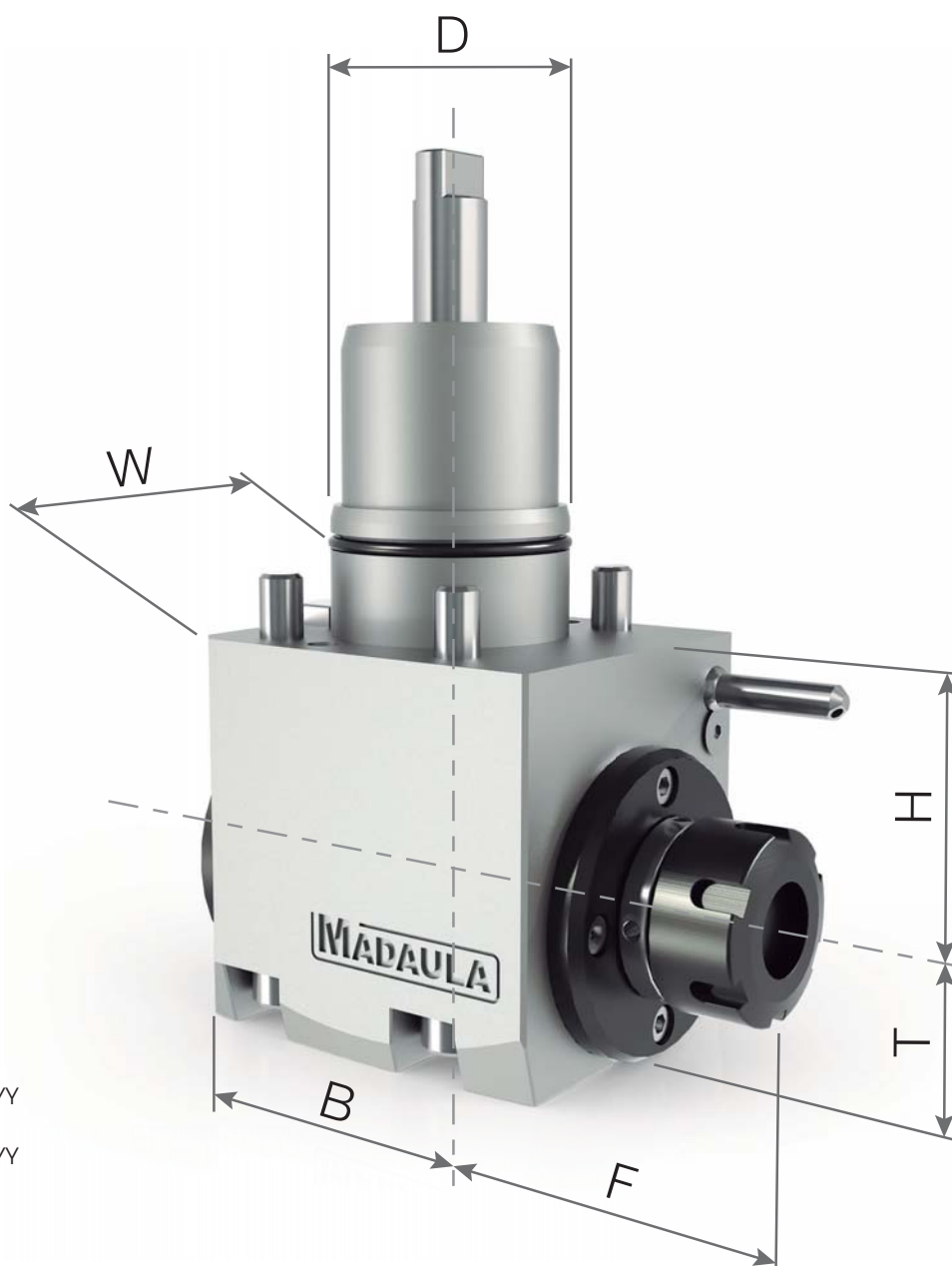
Nakamura: NTJ 200
Super NTMX
Super NTY3
WT-100
WY-100
Murata: Muratec MT100






BMT-55 Models

Nakamura: AS-200
NTM 3
NTY 3-250
SC-150M
SC-250M
Super NTJ/NTJX
TMC-20 II M/ML
TW-10
TW-20
WT-20 II M/MY
WT-150
WT-250
WTS-150
WTW-150
WY-250
CMZ: TX 52/66

BMT-65 Models

Nakamura:
WT-300
SC300
TW20
TMC-200M
TMC3000-M
SUPER NTX
TW20M, MY, MM, MMY, MMY
(12 stations)
TW30M, MY, MM, MMY, MMY
(16 stations)



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.	 IC	H mm	B mm	F mm	T mm	W mm	
BMT-44	NK.010.44	44	ER-25	6.000	1:1	28	-	60	50	88	35	78
	NK.016.44	44	ER-25	6.000	1:1	28	20bar					
BMT-55	NK.010.55	55	ER-25	6.000	1:1	50	-	55	50.3	74.8	35	84
	NK.016.55	55	ER-25	6.000	1:1	50	20bar					
BMT-65	NK.010.65	65	ER-32	6.000	1:1	70	-	65	59	110	38	96
	NK.016.65	65	ER-32	6.000	1:1	70	20bar					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

VDI-30 Models

Baruffaldi: TOEM/TBMA-160/12

Jyoti: TMC-250A-45

Spinner: TC-46/52/65/66/400/600/67L

Traub: TND-200

AUM: Angelini-Oscar

VDI-40 Models

Baruffaldi: TOEM/TBMA-200/12

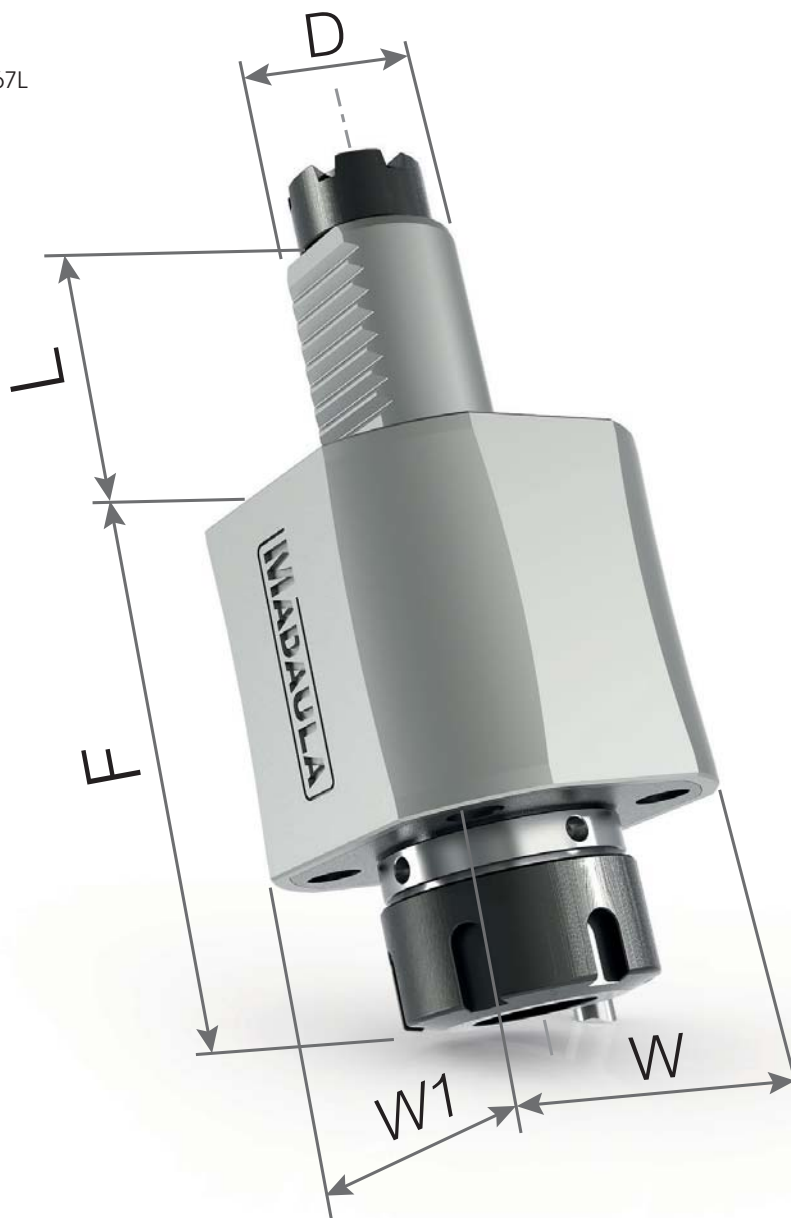
Accuway: UT-300/300L






CMZ: TL-20M

Spinner: TCC-67H

TC-600/800 MC-MC4

TC-82 MC



Code	D mm		 RPM. Max.	 Nm. Max.			F mm	L mm	W mm	W1 mm
VDI-30	BF.000.30	ER-25	6.000	1:1	28	-	89	45	64	68
	BF.005.30	ER-25	6.000	1:1	28	20bar				
VDI-40	BF.000.40-ER25	ER-25	6.000	1:1	50	-	105	53	80	86
	BF.000.40-ER32	ER-32	6.000	1:1	50	-	108			
	BF.005.40-ER25	ER-25	6.000	1:1	50	20bar	105			
	BF.005.40-ER32	ER-32	6.000	1:1	50	20bar	108			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

BARUFFALDI

VDI-30 Models

Baruffaldi: TOEM/TBMA-160/12

Jyoti: TMC-250A-45

Spinner: TC-46/52/65/66/400/600/67L

Traub: TND-200

AUM: Angelini-Oscar

VDI-40 Models

Baruffaldi: TOEM/TBMA-200/12

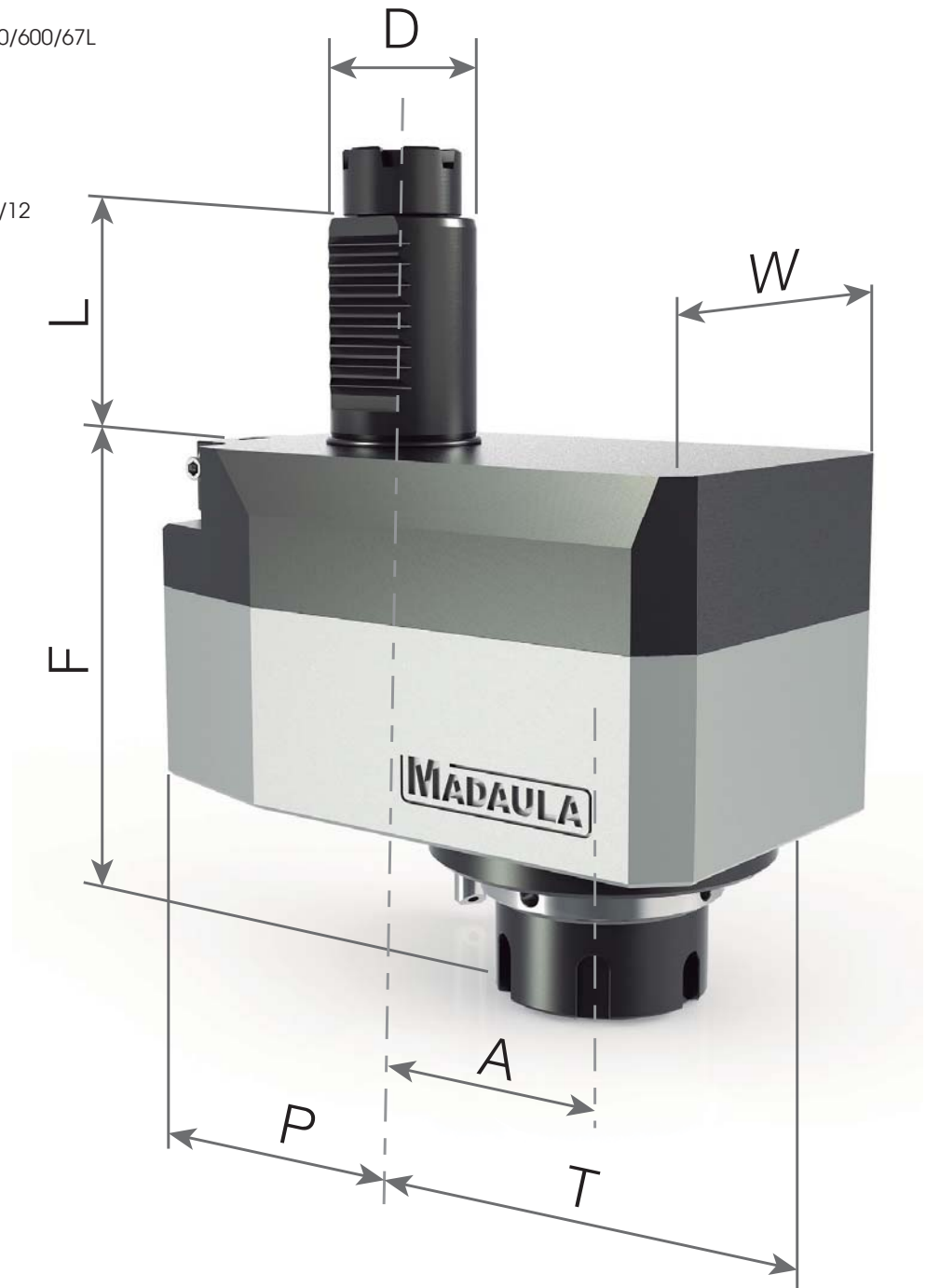
Accuway: UT-300/300L

CMZ: TL-20M





Spinner: TCC-67H

TC-600/800 MC-MC4

TC-82 MC



Baruffaldi

Code	D mm		 RPM. Max.	 Nm. Max.	 IC	A mm	F mm	L mm	P mm	T mm	W mm	
VDI-30 BF.026.30-2X	30	ER-25	12.000	1:2	14	-	50	106	45	48	90	78

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

VDI-30 Models

Baruffaldi: TOEM/TBMA-160/12

Jyoti: TMC-250A-45

Spinner: TC-46/52/65/66/400/600/67L

Traub: TND-200

AUM: Angelini-Oscar

VDI-40 Models

Baruffaldi: TOEM/TBMA-200/12

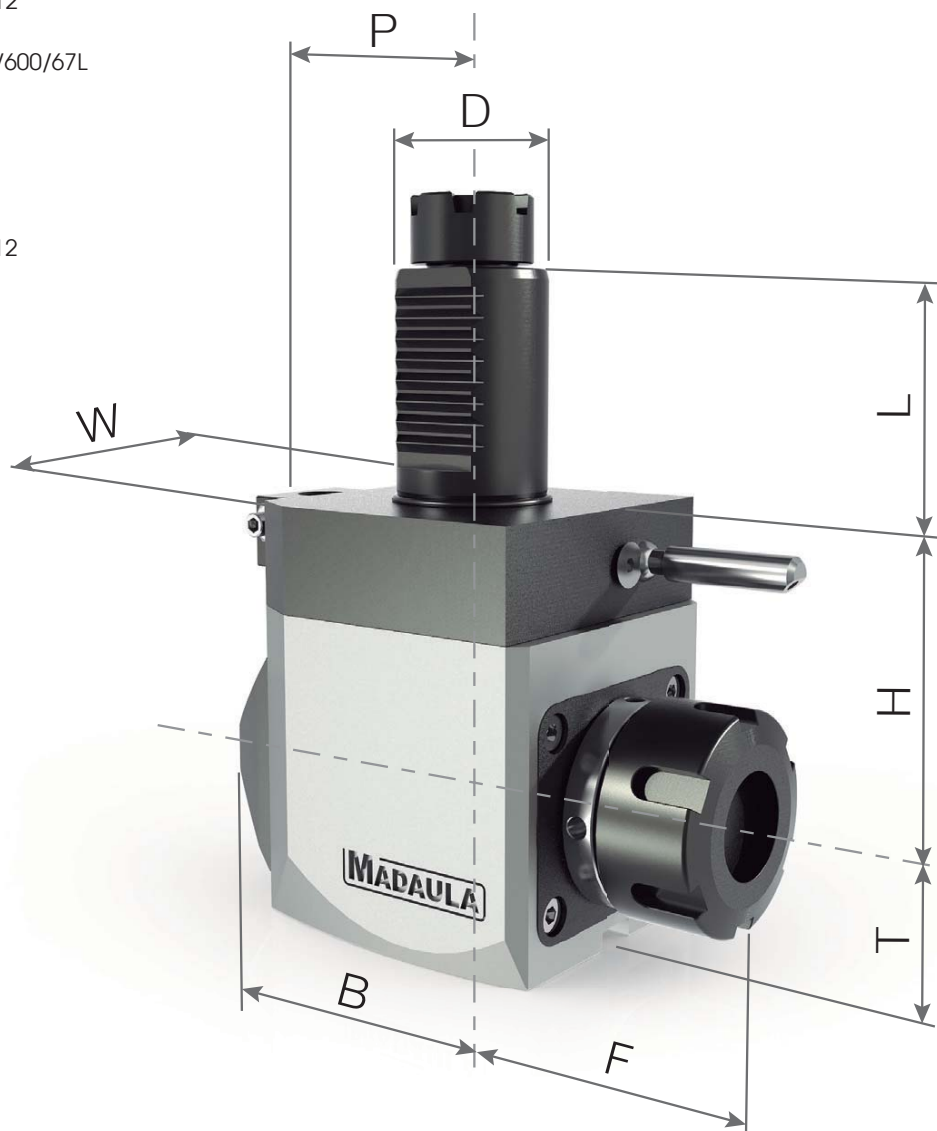
Accuway: UT-300/300L






CMZ: TL-20M

Spinner: TCC-67H

TC-600/800 MC-MC4

TC-82 MC



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	BF.010.30-H55	30	ER-25	6.000	1:1	28	-	55	48	64	45	48	29	64
	BF.010.30-H85	30	ER-25	6.000	1:1	28	-	85	48					
	BF.016.30-H55	30	ER-25	6.000	1:1	28	20bar	55	51					
	BF.016.30-H85	30	ER-25	6.000	1:1	28	20bar	85	51					
VDI-40	BF.010.40-ER25	40	ER-25	6.000	1:1	50	-	80	59	70	53	71	36	75
	BF.010.40-ER32	40	ER-32	6.000	1:1	50	-		59	74				
	BF.016.40-ER25	40	ER-25	6.000	1:1	50	20bar		62	70				
	BF.016.40-ER32	40	ER-32	6.000	1:1	50	20bar		62	74				

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

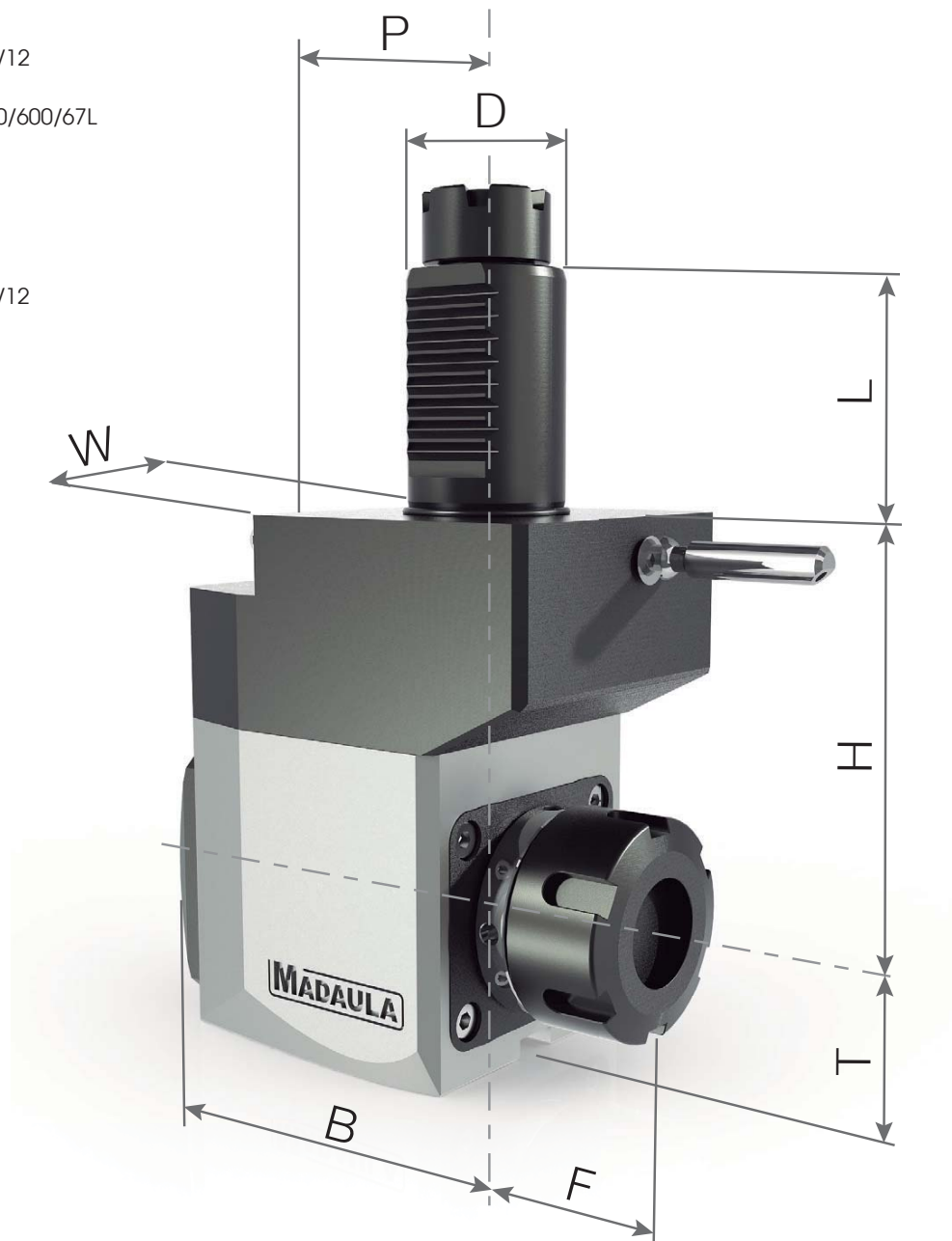
BARUFFALDI

VDI-30 Models






Baruffaldi: TOEM/TBMA-160/12
Jyoti: TMC-250A-45
Spinner: TC-46/52/65/66/400/600/67L
Traub: TND-200
AUM: Angelini-Oscar

VDI-40 Models

Baruffaldi: TOEM/TBMA-200/12
Accuway: UT-300/300L
CMZ: TL-20M
Spinner: TCC-67H
 TC-600/800 MC-MC4
 TC-82 MC



Baruffaldi

Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		B mm	F mm	H mm	L mm	P mm	T mm	W mm	
VDI-30	BF.011.30	30	ER-25	6.000	1:1	28	-	71	40	75	45	48	29	64
	BF.017.30	30	ER-25	6.000	1:1	28	20bar	74						
VDI-40	BF.011.40-ER25	40	ER-25	6.000	1:1	50	-	92	120	53	71	36	75	
	BF.011.40-ER32	40	ER-32	6.000	1:1	50	-	92						
	BF.017.40-ER25	40	ER-25	6.000	1:1	50	20bar	95						
	BF.017.40-ER32	40	ER-32	6.000	1:1	50	20bar	95						

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

VDI-30 Models

Baruffaldi: TOEM/TBMA-160/12

Jyoti: TMC-250A-45

Spinner: TC-46/52/65/66/400/600/67L

Traub: TND-200

AUM: Angelini-Oscar

VDI-40 Models

Baruffaldi: TOEM/TBMA-200/12

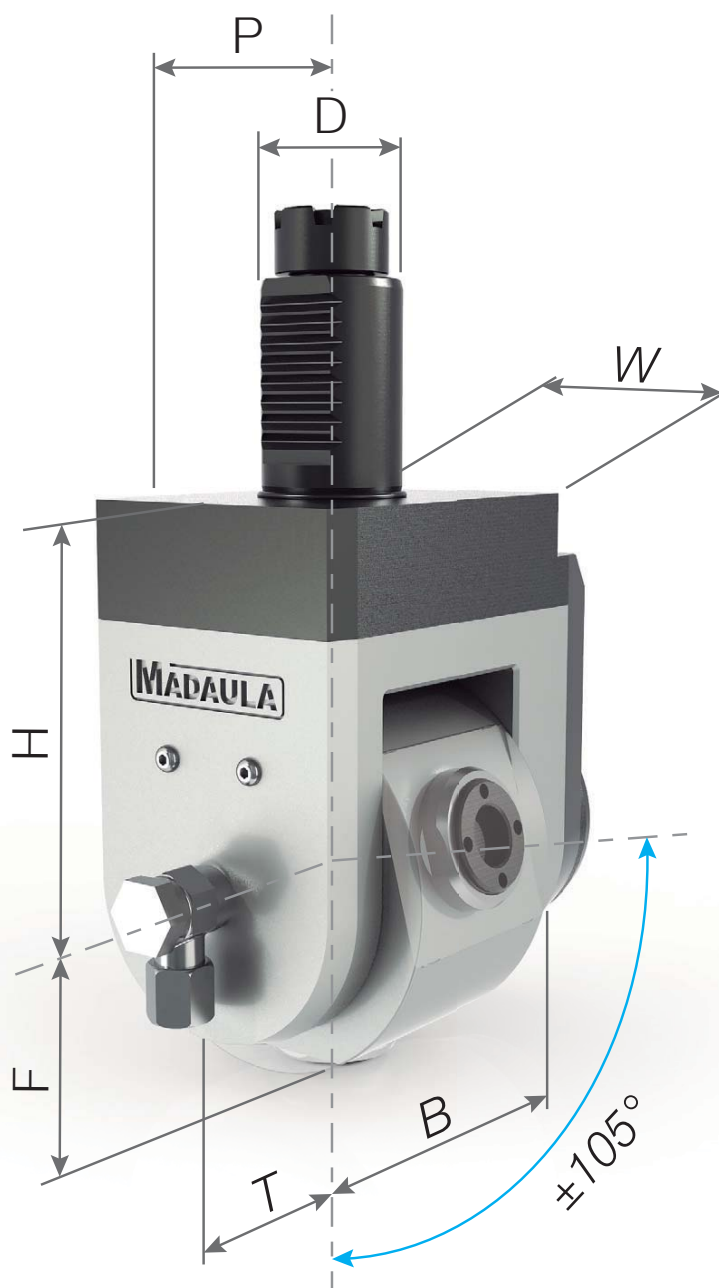
Accuway: UT-300/300L






CMZ: TL-20M

Spinner: TCC-67H

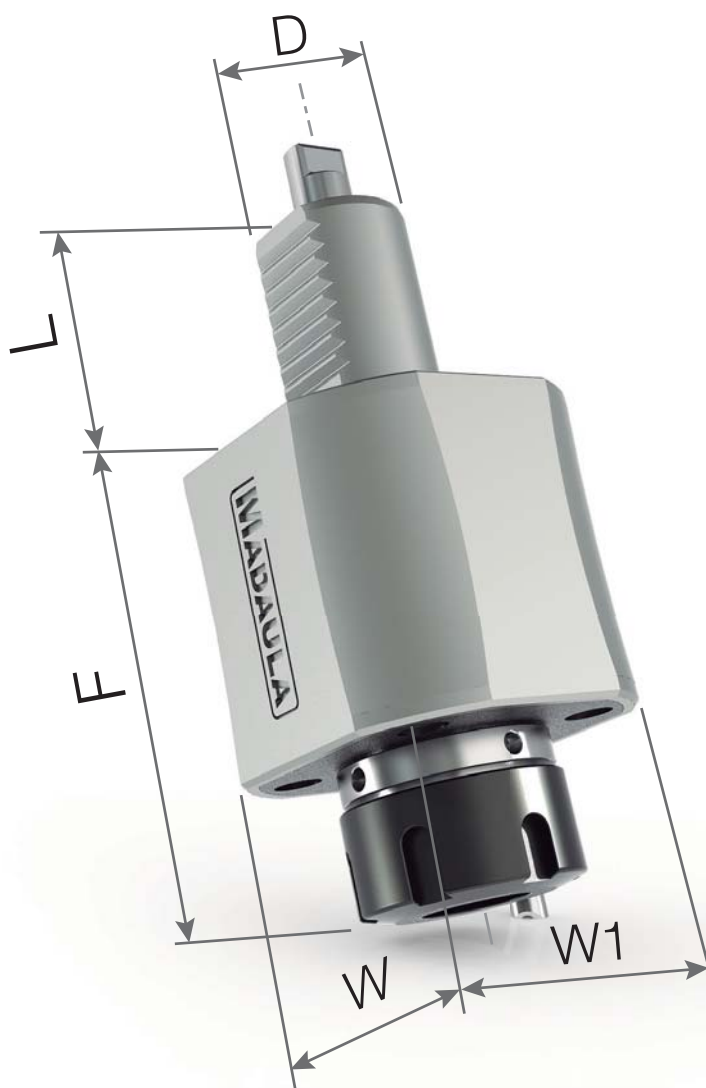
TC-600/800 MC-MC4






TC-82 MC



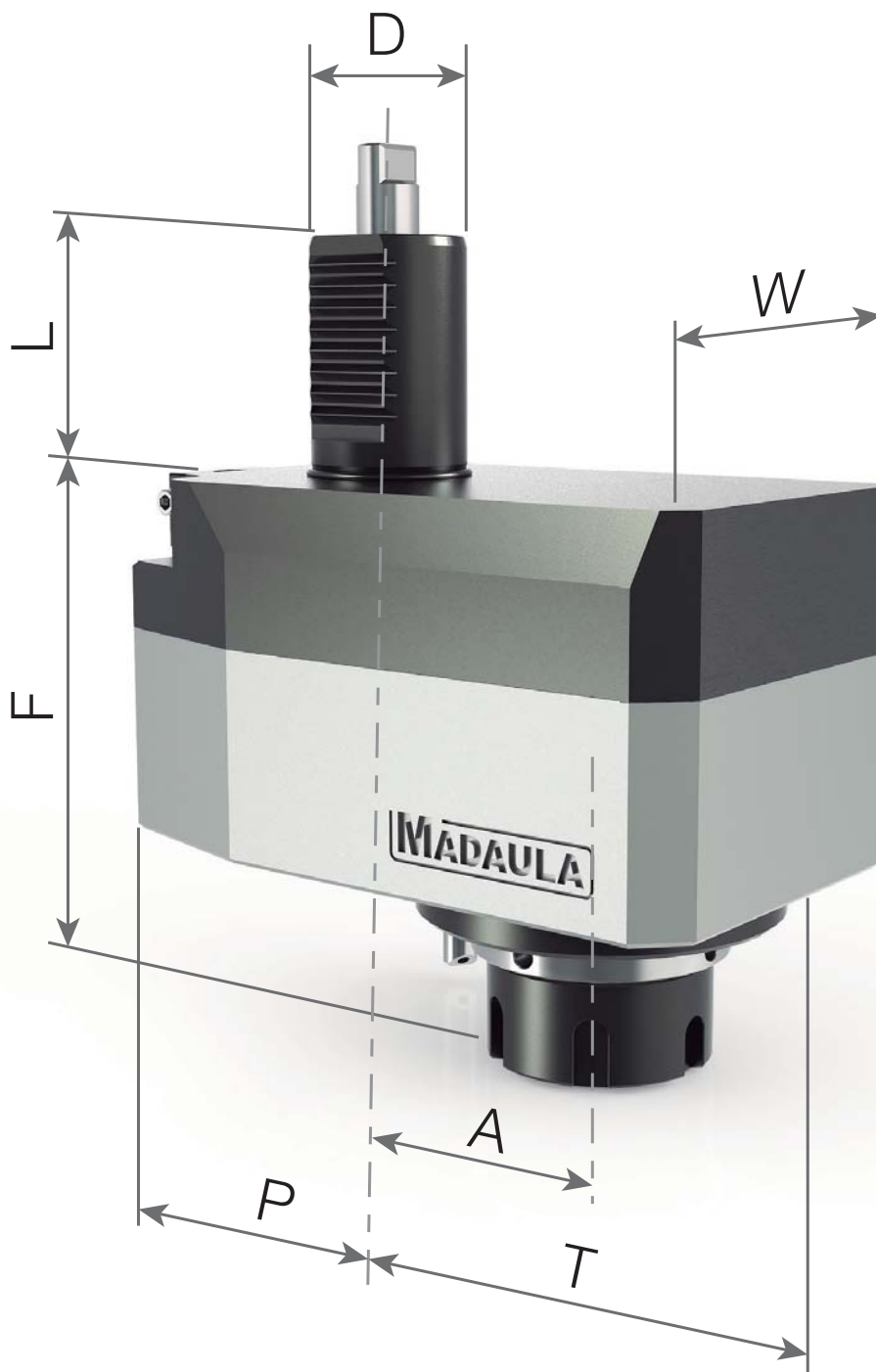
Code	D mm		 RPM. Max.		 Nm. Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	BF.021.30-ER16	30	ER-16	6.000	1:1	16	-	79						
	BF.021.30-ER25	30	ER-25	6.000	1:1	16	-	79						
	BF.022.30-ER16	30	ER-16	6.000	1:1	16	20bar	86	59	43	45	48	40	64
	BF.022.30-ER25	30	ER-25	6.000	1:1	16	20bar	86						
VDI-40	BF.021.40	40	ER-25	6.000	1:1	16	-	79						
	BF.022.40	40	ER-25	6.000	1:1	16	20bar	86	59	64	53	71	40	78

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.








Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	L mm	W mm	W1 mm	
VDI-30	DU.000.30	30	ER-25	6.000	1:1	28	-	89	-	64	68
	DU.005.30	30	ER-25	6.000	1:1	28	20bar				
VDI-40	DU.000.40-ER25	40	ER-25	6.000	1:1	50	-	53	80	86	
	DU.000.40-ER32-F108	40	ER-32	6.000	1:1	50	-				
	DU.000.40-ER32-F95	40	ER-32	6.000	1:1	50	-				
	DU.005.40-ER25	40	ER-25	6.000	1:1	50	20bar				
	DU.005.40-ER32-F108	40	ER-32	6.000	1:1	50	20bar				
	DU.005.40-ER32-F95	40	ER-32	6.000	1:1	50	20bar				

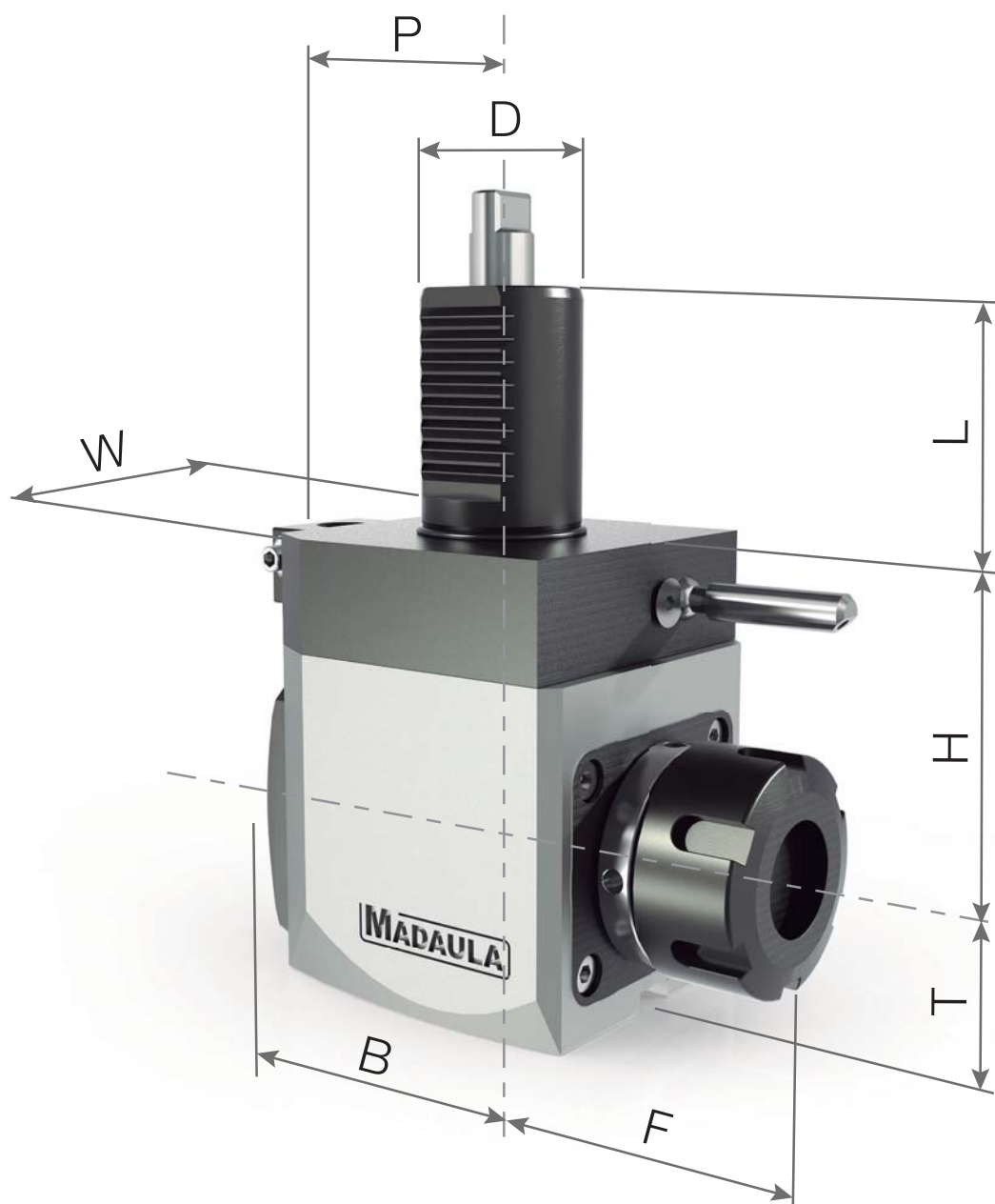
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.








Diplomatic

Code	D mm	 ER-25	 RPM. Max.	 1:2	 Nm. Max.		A mm	F mm	L mm	P mm	T mm	W mm
VDI-30 DU.026.30-2X	30	ER-25	12.000	1:2	14	-	50	106	45	48	90	78

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



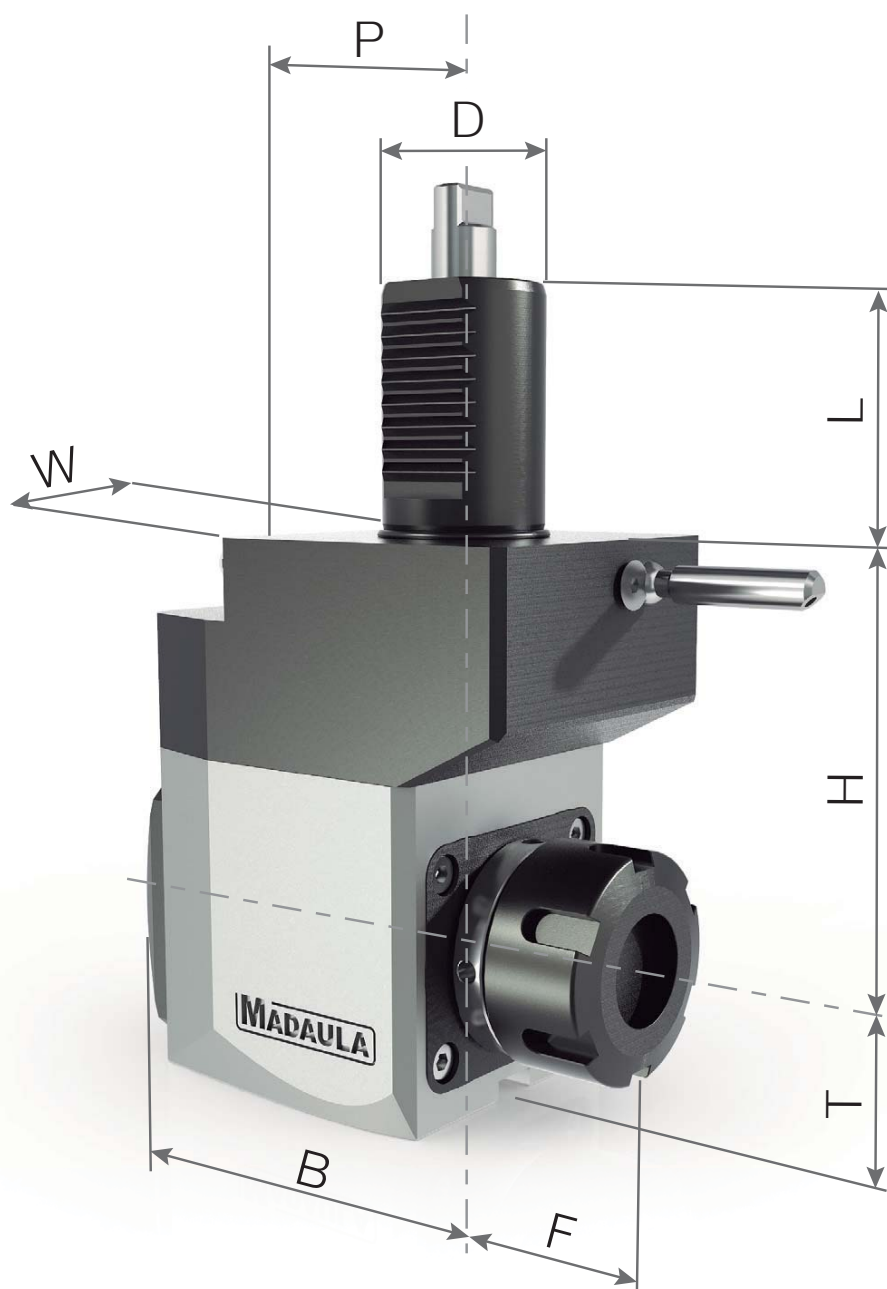
Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	DU.010.30	30	ER-25	6.000	1:1	28	-	55	48	64	-	48	29	64
	DU.016.30	30	ER-25	6.000	1:1	28	20bar		51	-	48	29	64	
VDI-40	DU.010.40-ER25	40	ER-25	6.000	1:1	50	-	80	59	72	53	71	36	75
	DU.010.40-ER32	40	ER-32	6.000	1:1	50	-		59	75				
	DU.016.40-ER25	40	ER-25	6.000	1:1	50	20bar		62	72				
	DU.016.40-ER32	40	ER-32	6.000	1:1	50	20bar		62	75				

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.






DIPLOMATIC

DIN 1809

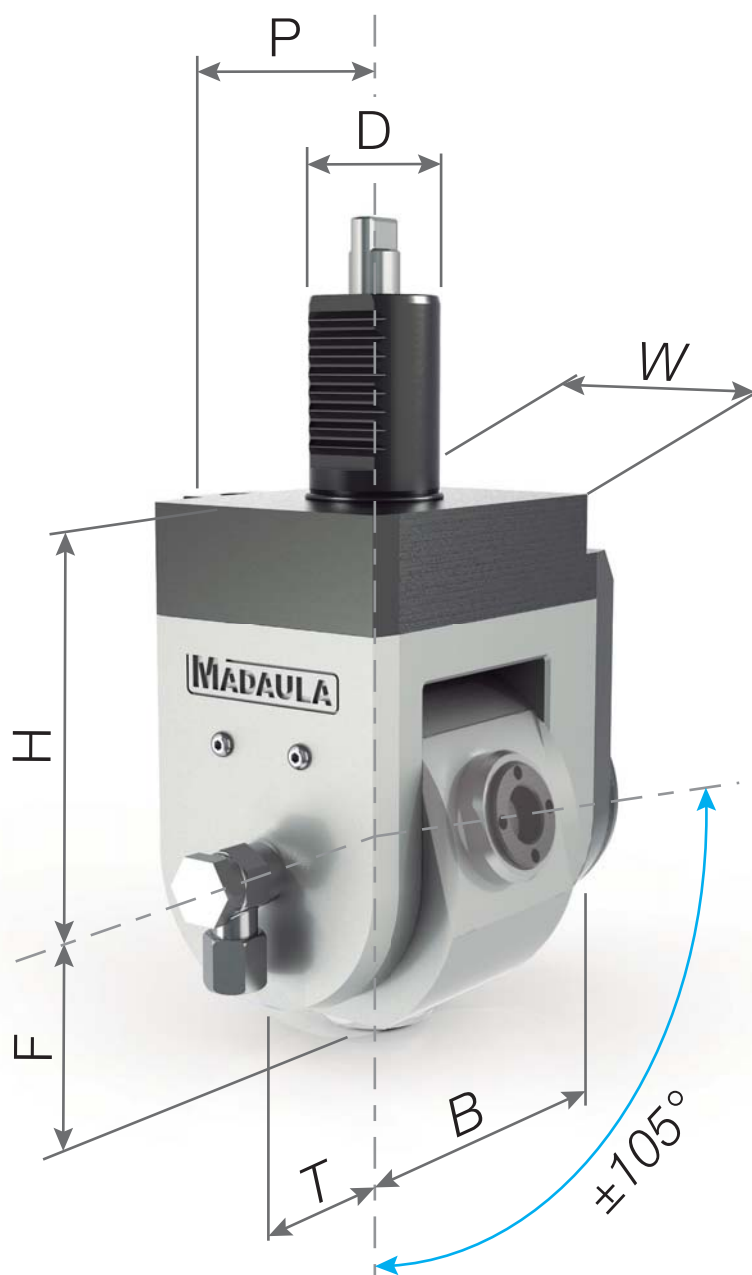
MADAULA
creative solutions








Diplomatic

Code	D mm		 RPM. Max.		 Nm. Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	DU.011.30	30	ER-25	6.000	1:1	28	-	75	71	40	45	48	29	64
	DU.017.30	30	ER-25	6.000	1:1	28	20bar		74					
VDI-40	DU.011.40-ER25	40	ER-25	6.000	1:1	50	-	120	92	37	53	71	36	75
	DU.011.40-ER32	40	ER-32	6.000	1:1	50	-		92	41				
	DU.017.40-ER25	40	ER-25	6.000	1:1	50	20bar		95	37				
	DU.017.40-ER32	40	ER-32	6.000	1:1	50	20bar		95	41				

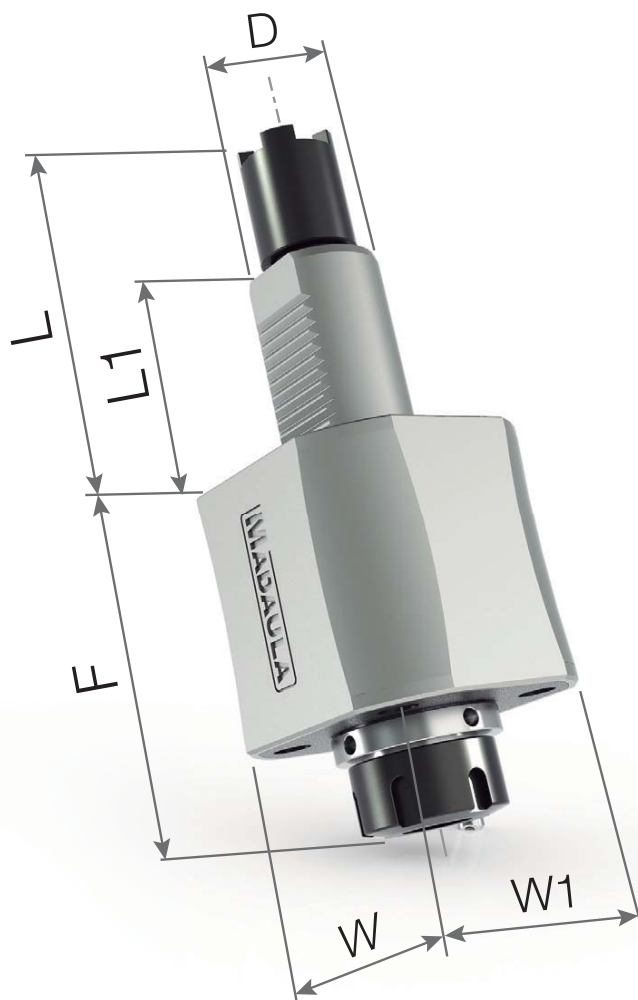
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



Code	D mm		 RPM. Max.		 Nm. Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	DU.021.30-ER16	30	ER-16	6.000	1:1	16	-	79	59	43	45	48	40	64
	DU.021.30-ER25	30	ER-25	6.000	1:1	16	-	79						
	DU.022.30-ER16	30	ER-16	6.000	1:1	16	20bar	86						
	DU.022.30-ER25	30	ER-25	6.000	1:1	16	20bar	86						
VDI-40	DU.021.40	40	ER-25	6.000	1:1	16	-	79	59	64	53	71	40	78
	DU.022.40	40	ER-25	6.000	1:1	16	20bar	86						

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

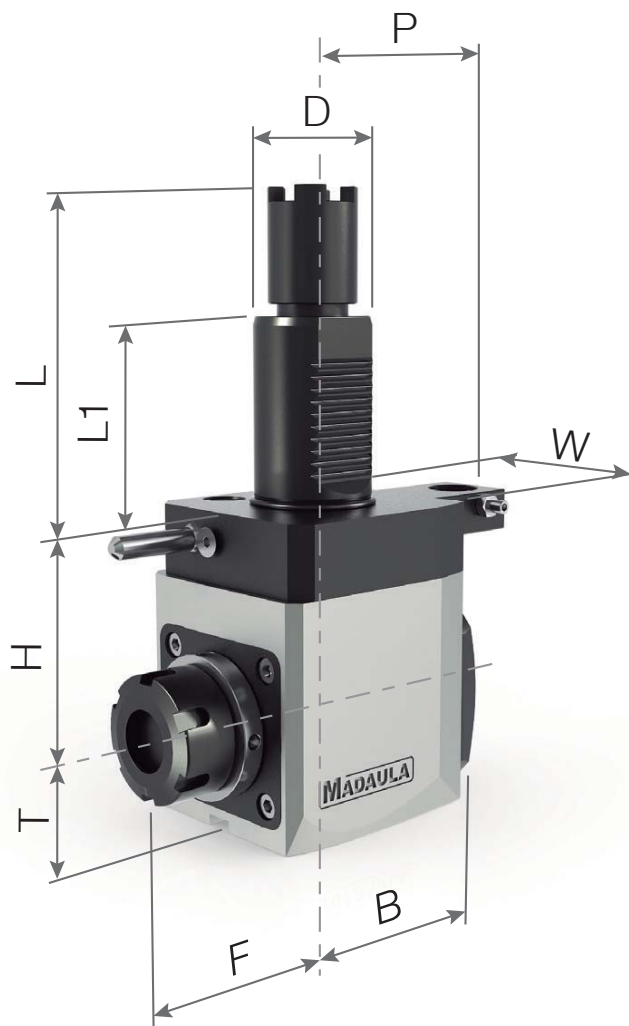
ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	L mm	L1 mm	W mm	W1 mm
HS.000.40-ER25-L104	40	ER-25	6.000	1:1	50	-	106	104.85	64	80	86
HS.000.40-ER25-L117	40	ER-25	6.000	1:1	50	-	106	117.55			
HS.000.40-ER25-L130	40	ER-25	6.000	1:1	50	-	106	130.25			
HS.000.40-ER32-L104	40	ER-32	6.000	1:1	50	-	109	104.85			
HS.000.40-ER32-L117	40	ER-32	6.000	1:1	50	-	109	117.55			
HS.000.40-ER32-L130	40	ER-32	6.000	1:1	50	-	109	130.25			
HS.005.40-ER25-L104	40	ER-25	6.000	1:1	50	20bar	106	104.85			
HS.005.40-ER25-L117	40	ER-25	6.000	1:1	50	20bar	106	117.55			
HS.005.40-ER25-L130	40	ER-32	6.000	1:1	50	20bar	106	130.25			
HS.005.40-ER32-L104	40	ER-32	6.000	1:1	50	20bar	109	104.85			
HS.005.40-ER32-L117	40	ER-32	6.000	1:1	50	20bar	109	117.55			
HS.005.40-ER32-L130	40	ER-32	6.000	1:1	50	20bar	109	130.25			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

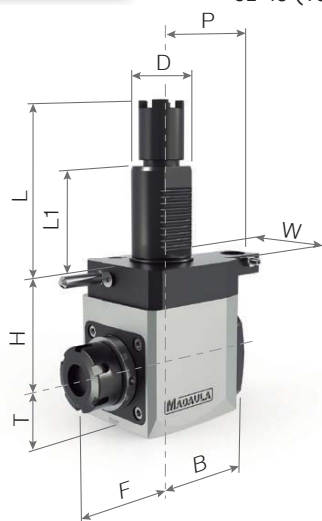
ST-10
 SL-20/TL-15 (104mm)
 SL-30/TL-25/SL-40 (117mm)
 SL-40 (130mm)



Code	D mm		 RPM. Max.	 1:1	 Nm. Max.	 °C	H mm	F mm	L mm	L1 mm	B mm	P mm	T mm	W mm
HS.010.40-ER25-L104-H80	40	ER-25	6.000	1:1	50	-	80	72	104.85	64	59	82	36	75
HS.010.40-ER25-L117-H80	40	ER-25	6.000	1:1	50	-	80	72	117.55					
HS.010.40-ER25-L130-H80	40	ER-25	6.000	1:1	50	-	80	72	130.25					
HS.010.40-ER32-L104-H80	40	ER-32	6.000	1:1	50	-	80	75	104.85					
HS.010.40-ER32-L117-H80	40	ER-32	6.000	1:1	50	-	80	75	117.55					
HS.010.40-ER32-L130-H80	40	ER-32	6.000	1:1	50	-	80	75	130.25					
HS.010.40-ER25-L104-H69	40	ER-25	6.000	1:1	50	-	69	72	104.85					
HS.010.40-ER25-L117-H69	40	ER-25	6.000	1:1	50	-	69	72	117.55					
HS.010.40-ER25-L130-H69	40	ER-25	6.000	1:1	50	-	69	72	130.25					
HS.010.40-ER32-L104-H69	40	ER-32	6.000	1:1	50	-	69	75	104.85					
HS.010.40-ER32-L117-H69	40	ER-32	6.000	1:1	50	-	69	75	117.55					
HS.010.40-ER32-L130-H69	40	ER-32	6.000	1:1	50	-	69	75	130.25					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

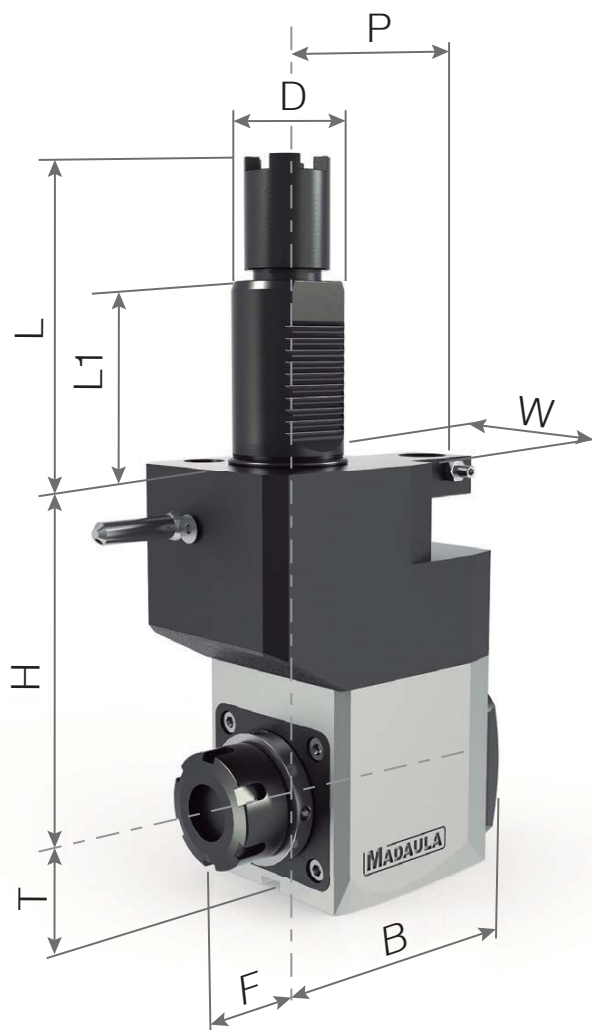
ST-10
 SL-20/TL-15 (104mm)
 SL-30/TL-25/SL-40 (117mm)
 SL-40 (130mm)



Code	D mm	ER-32	RPM. Max.	1:1	Nm. Max.	IC	H mm	B mm	F mm	L mm	L1 mm	P mm	T mm	W mm
HS.010.40-L104-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	104.85				
HS.010.40-L117-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	117.55				
HS.010.40-L130-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	130.25				
HS.010.40-L104-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	104.85				
HS.010.40-L117-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	117.55				
HS.010.40-L130-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	130.25				
HS.016.40-ER25-L104-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	104.85				
HS.016.40-ER25-L117-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	117.55				
HS.016.40-ER25-L130-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	130.25				
HS.016.40-ER32-L104-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	104.85				
HS.016.40-ER32-L117-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	117.55				
HS.016.40-ER32-L130-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	130.25				
HS.016.40-ER25-L104-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	104.85	64	82	36	75
HS.016.40-ER25-L117-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	117.55				
HS.016.40-ER25-L130-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	130.25				
HS.016.40-ER32-L104-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	104.85				
HS.016.40-ER32-L117-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	117.55				
HS.016.40-ER32-L130-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	130.25				
HS.016.40-L104-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	104.85				
HS.016.40-L117-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	117.55				
HS.016.40-L130-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	130.25				
HS.016.40-L104-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	104.85				
HS.016.40-L117-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	117.55				
HS.016.40-L130-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	130.25				

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

ST-10
 SL-20/TL-15 (104mm)
 SL-30/TL-25/SL-40 (117mm)
 SL-40 (130mm)



Code	D mm	ER-25	RPM, Max.	1:1	Nm, Max.	-	B mm	F mm	L mm	L1 mm	H mm	P mm	T mm	W mm
HS.011.40-ER25-L104	40	ER-25	6.000	1:1	50	-	80	56	104.85	64	120	82	36	75
HS.011.40-ER25-L117	40	ER-25	6.000	1:1	50	-	80	56	117.55					
HS.011.40-ER25-L130	40	ER-25	6.000	1:1	50	-	80	56	130.25					
HS.011.40-ER32-L104	40	ER-32	6.000	1:1	50	-	69	56	104.85					
HS.011.40-ER32-L117	40	ER-32	6.000	1:1	50	-	69	56	117.55					
HS.011.40-ER32-L130	40	ER-32	6.000	1:1	50	-	69	56	130.25					
HS.017.40-ER25-L104	40	ER-25	6.000	1:1	50	20bar	80	62	104.85					
HS.017.40-ER25-L117	40	ER-25	6.000	1:1	50	20bar	80	62	117.55					
HS.017.40-ER25-L130	40	ER-25	6.000	1:1	50	20bar	80	62	130.25					
HS.017.40-ER32-L104	40	ER-32	6.000	1:1	50	20bar	80	62	104.85					
HS.017.40-ER32-L117	40	ER-32	6.000	1:1	50	20bar	80	62	117.55					
HS.017.40-ER32-L130	40	ER-32	6.000	1:1	50	20bar	80	62	130.25					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

- ST-10
- SL-20/TL-15 (104mm)
- SL-30/TL-25/SL-40 (117mm)
- SL-40 (130mm)



Code	D mm	ER-25	RPM. Max.	1:1	Nm. Max.	IC	H mm	L mm	L1 mm	B mm	P mm	F mm	T mm	W mm
HS.021.40-L104	40	ER-25	6.000	1:1	16	-	79	104.85	64	59	82	64	40	78
HS.021.40-L117	40	ER-25	6.000	1:1	16	-	79	117.55						
HS.021.40-L130	40	ER-25	6.000	1:1	16	-	79	130.25						
HS.022.40-L104	40	ER-25	6.000	1:1	16	20bar	86	104.85						
HS.022.40-L117	40	ER-25	6.000	1:1	16	20bar	86	117.55						
HS.022.40-L130	40	ER-25	6.000	1:1	16	20bar	86	130.25						

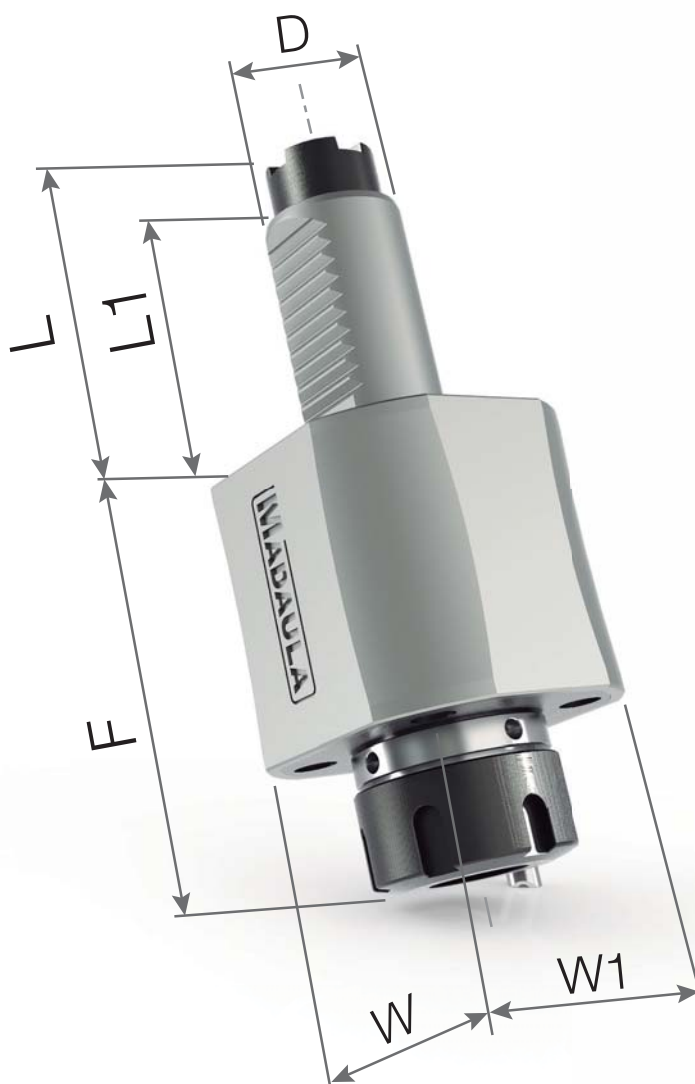
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.





VDI-30 Models

LB-10
LB-200
Genos L200E-M
LT-10
LT-200

VDI-40 Models

LB-15
LB-300
LU-15
Captain L370M
LR-15
Genos L300E-M
LT-15
LT-300
LB-400
LB-25
LU-25
Captain L470
LR-25
Cadet L1420
LT-25



Code	D mm		 RPM. Max.	 Nm. Max.		F mm	L mm	L1 mm	W mm	W1 mm		
VDI-30	OK.000.30	30	ER-25	6.000	1:1	28	-	89	69	55	64	68
	OK.005.30	30	ER-25	6.000	1:1	28	20bar					
VDI-40	OK.000.40-ER25-L93	40	ER-25	6.000	1:1	50	-	105	93	64	80	86
	OK.000.40-ER32-L93	40	ER-32	6.000	1:1	50	-	108	93			
	OK.000.40-ER25-L101	40	ER-25	6.000	1:1	50	-	105	101			
	OK.000.40-ER32-L101	40	ER-32	6.000	1:1	50	-	108	101			
	OK.005.40-ER25-L93	40	ER-25	6.000	1:1	50	20bar	105	93			
	OK.005.40-ER32-L93	40	ER-32	6.000	1:1	50	20bar	108	93			
	OK.005.40-ER25-L101	40	ER-25	6.000	1:1	50	20bar	105	101			
	OK.005.40-ER32-L101	40	ER-32	6.000	1:1	50	20bar	108	101			

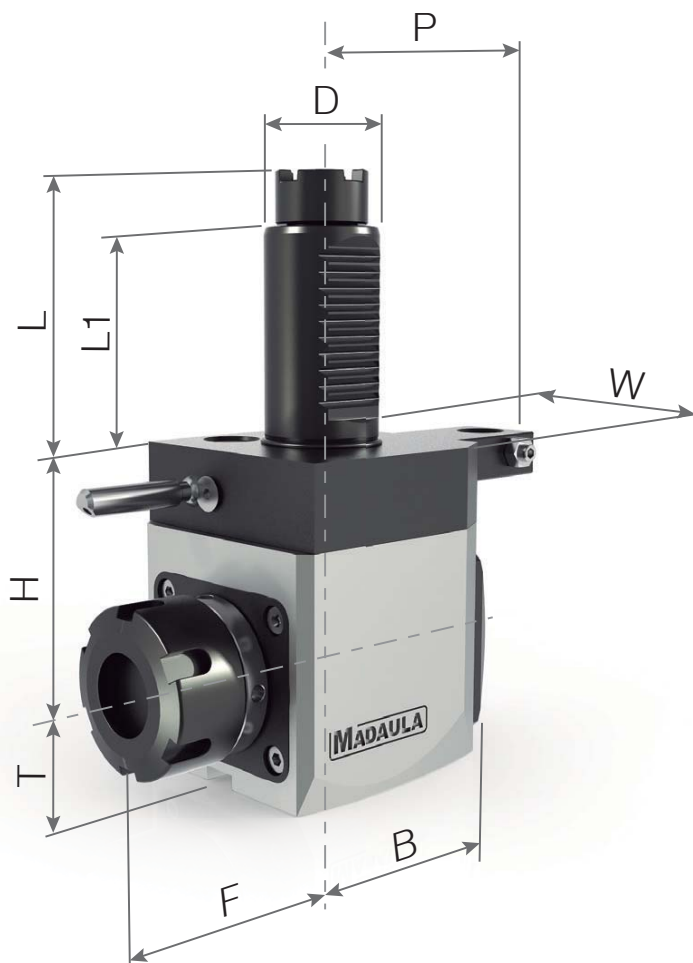
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

VDI-30 Models

LB-10
LB-200
Genos L200E-M
LT-10
LT-200

VDI-40 Models

LB-15
LB-300
LU-15
Captain L370M
LR-15
Genos L300E-M
LT-15
LT-300
LB-400
LB-25
LU-25
Captain L470
LR-25
Cadet L1420
LT-25



Code	D mm		 FPM.Max.	 1:1	 Nm.Max.	 IC	B mm	F mm	L mm	L1 mm	H mm	P mm	T mm	W mm	
VDI-30	OK.010.30-H85	30	ER-25	6.000	1:1	28	-	48			85	-			
	OK.010.30-H55	30	ER-25	6.000	1:1	28	-	48			55	72	29	64	
	OK.016.30-H85	30	ER-25	6.000	1:1	28	20bar	51	64	69	85	-			
	OK.016.30-H55	30	ER-25	6.000	1:1	28	20bar	51			55	72			
VDI-40	OK.010.40-ER25-L93	40	ER-25	6.000	1:1	50	-	59	70	93	64				
	OK.010.40-ER32-L93	40	ER-32	6.000	1:1	50	-	59	74	93	64				
	OK.010.40-ER25-L101	40	ER-25	6.000	1:1	50	-	59	70	101	64				
	OK.010.40-ER32-L101	40	ER-32	6.000	1:1	50	-	59	74	101	64				
	OK.010.40-ER32-F91	40	ER-32	6.000	1:1	50	-	56	91	93	63	80	82	36	75
	OK.016.40-ER25-L93	40	ER-25	6.000	1:1	50	20bar	62	70	93	64				
	OK.016.40-ER32-L93	40	ER-32	6.000	1:1	50	20bar	62	74	93	64				
	OK.016.40-ER25-L101	40	ER-25	6.000	1:1	50	20bar	62	70	101	64				
	OK.016.40-ER32-L101	40	ER-32	6.000	1:1	50	20bar	62	74	101	64				
	OK.016.40-ER32-F91	40	ER-32	6.000	1:1	50	20bar	56	91	93	63				

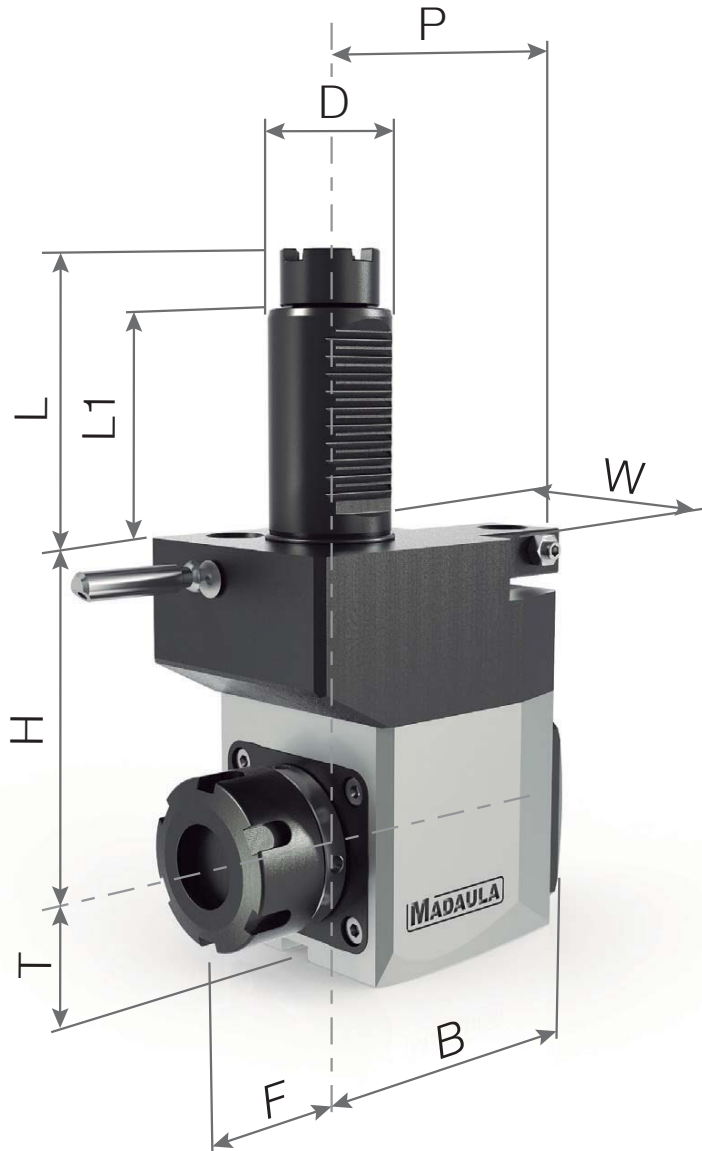
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

VDI-30 Models

- LB-10
- LB-200
- Genos L200E-M
- LT-10
- LT-200

VDI-40 Models

- LB-15
- LB-300
- LU-15
- Captain L370M
- LR-15
- Genos L300E-M
- LT-15
- LT-300
- LB-400
- LB-25
- LU-25
- Captain L470
- LR-25
- Cadet L1420
- LT-25



Code	D mm		 RPM.Max.	 1:1	 Nm.Max.		B mm	F mm	L mm	L1 mm	H mm	P mm	T mm	W mm	
VDI-30	OK.011.30	30	ER-25	6.000	1:1	28	-	71	40	69	55	75	72	29	64
	OK.017.30	30	ER-25	6.000	1:1	28	20bar	74	40	69	55	75	72	29	64
VDI-40	OK.011.40-ER25-L93	40	ER-25	6.000	1:1	50	-	92	37	93	64	120	82	36	75
	OK.011.40-ER32-L93	40	ER-32	6.000	1:1	50	-	92	41	93					
	OK.011.40-ER25-L101	40	ER-25	6.000	1:1	50	-	92	37	101					
	OK.011.40-ER32-L101	40	ER-32	6.000	1:1	50	-	92	41	101					
	OK.017.40-ER25-L93	40	ER-25	6.000	1:1	50	20bar	95	37	93					
	OK.017.40-ER32-L93	40	ER-32	6.000	1:1	50	20bar	95	41	93					
	OK.017.40-ER25-L101	40	ER-25	6.000	1:1	50	20bar	95	37	101					
	OK.017.40-ER32-L101	40	ER-32	6.000	1:1	50	20bar	95	41	101					

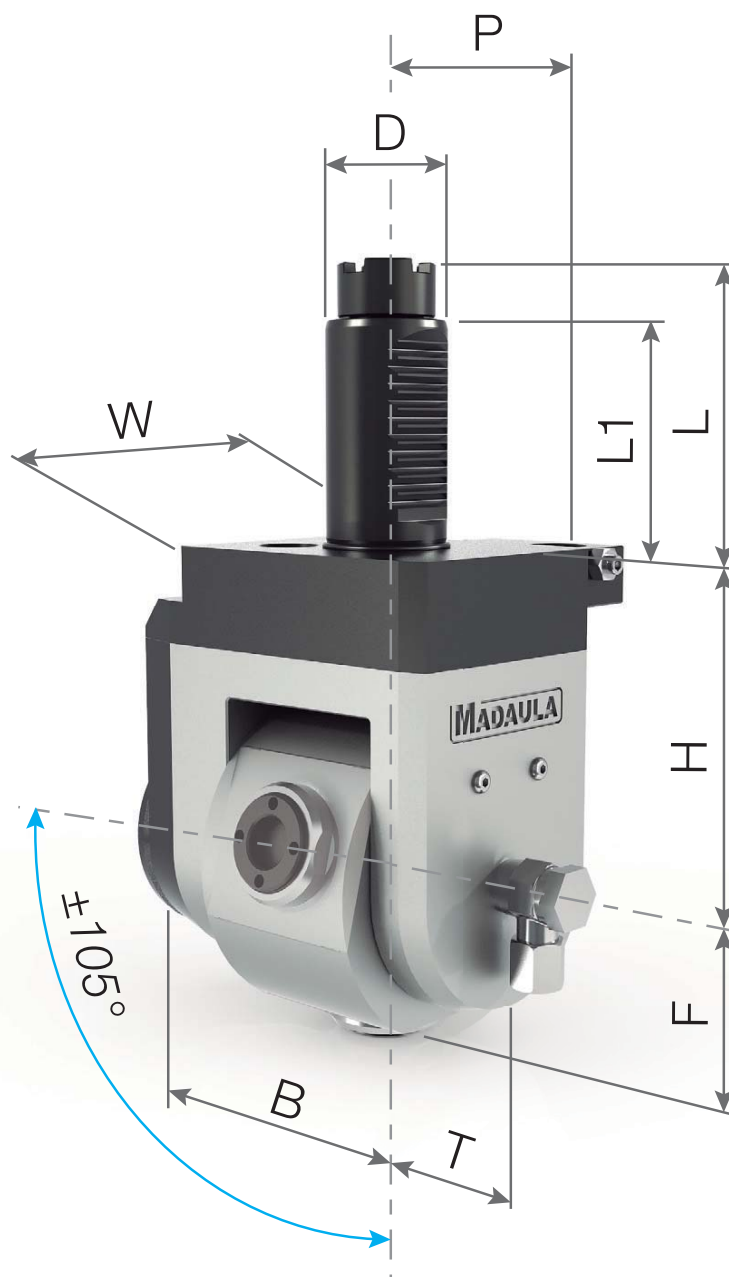
* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.






VDI-30 Models

LB-10
LB-200
Genos L200E-M
LT-10
LT-200

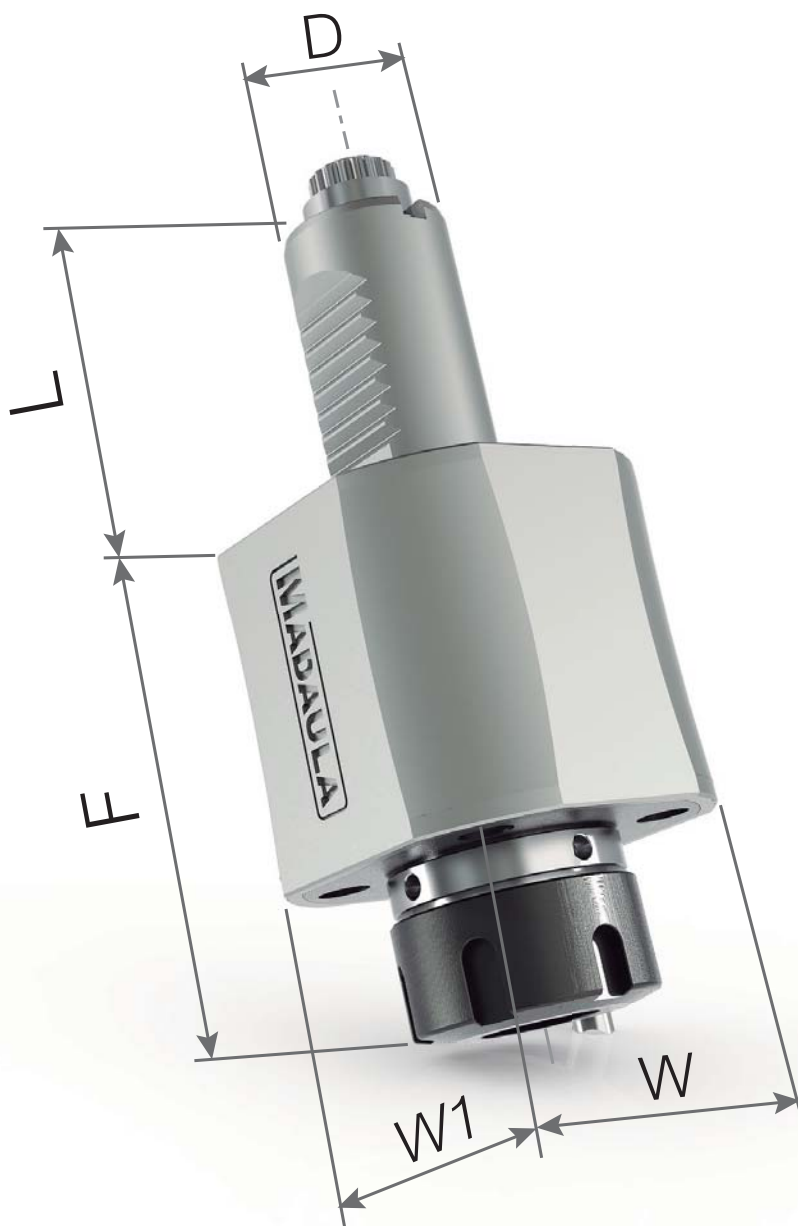
VDI-40 Models





LB-15
LB-300
LU-15
Captain L370M
LR-15
Genos L300E-M
LT-15
LT-300
LB-400
LB-25
LU-25
Captain L470
LR-25
Cadet L1420
LT-25



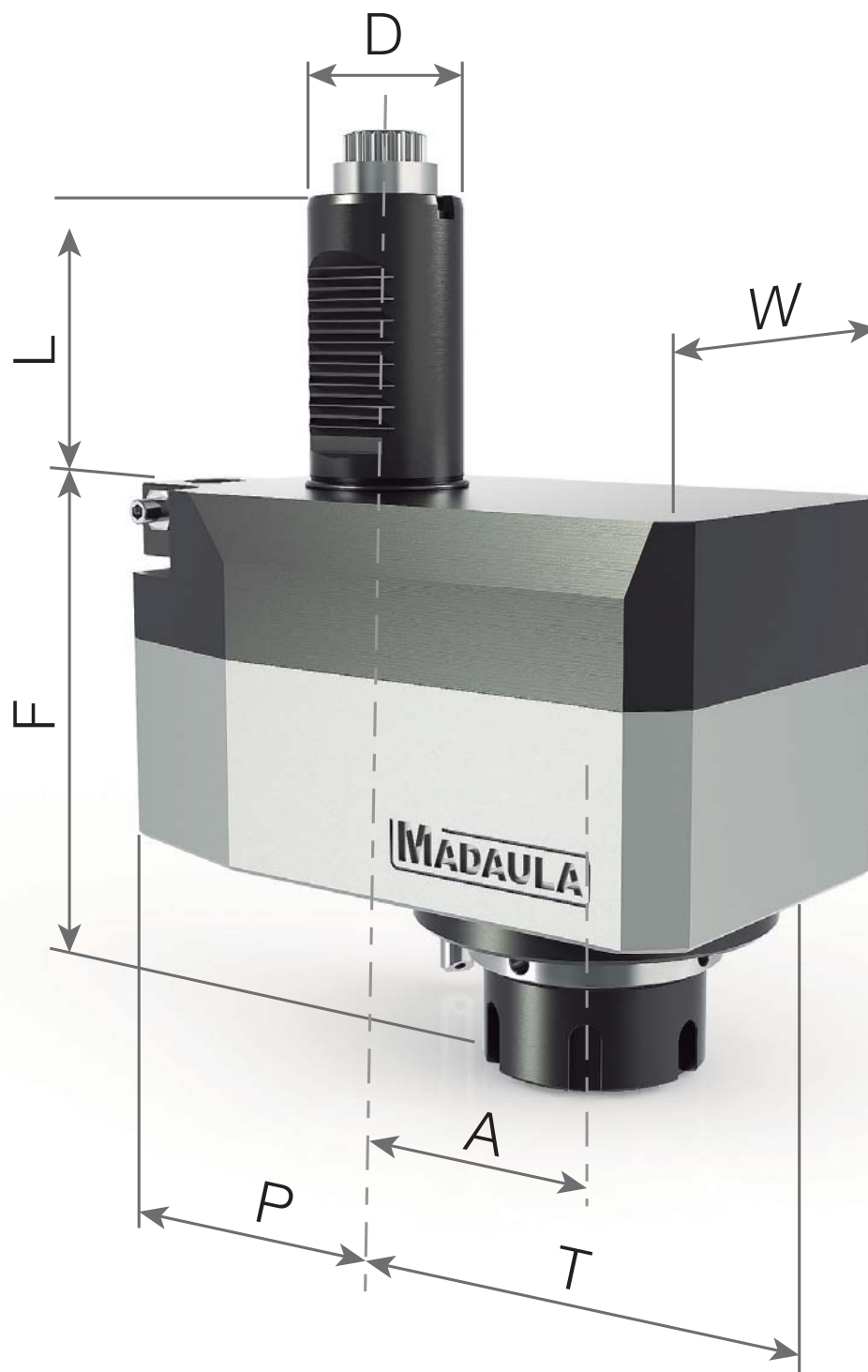
Code	D mm		 RPM.Max	 1:1	 Nm.Max		H mm	L mm	L1 mm	B mm	F mm	P mm	T mm	W mm	
VDI-30	OK.021.30	30	ER-16	6.000	1:1	16	-	79	69	55	59	43	57	40	64
	OK.022.30	30	ER-16	6.000	1:1	16	20bar	86							
VDI-40	OK.021.40-L93	40	ER-25	6.000	1:1	16	-	79	93	64	59	64	82	40	78
	OK.021.40-L101	40	ER-25	6.000	1:1	16	-	79	93						
	OK.022.40-L93	40	ER-25	6.000	1:1	16	20bar	86	101						
	OK.022.40-L101	40	ER-25	6.000	1:1	16	20bar	86	101						

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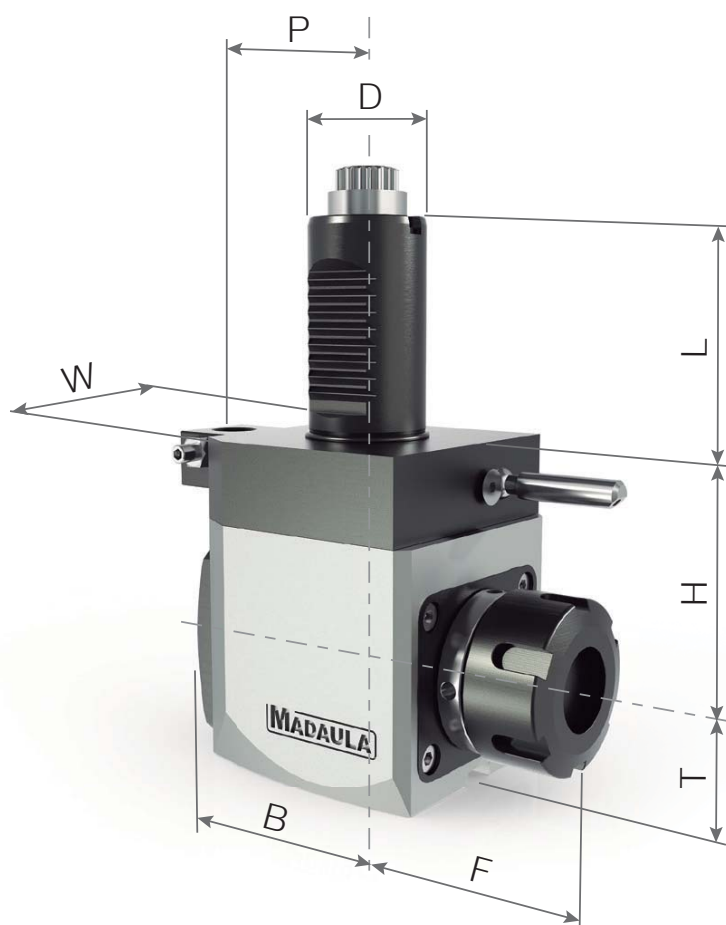
Code	D mm		 RPM. Max.	 Nm. Max.		F mm	L mm	W mm	W1 mm		
VDI-30	SA.000.3080	30	ER-25	6.000	1:1	28	-	89	55	64	68
	SA.005.3080	30	ER-25	6.000	1:1	28	20bar				
VDI-40	SA.000.4080-ER25	40	ER-25	6.000	1:1	50	-	105	64	80	86
	SA.000.4080-ER32	40	ER-32	6.000	1:1	50	-	108			
	SA.005.4080-ER25	40	ER-25	6.000	1:1	50	20bar	105			
	SA.005.4080-ER32	40	ER-32	6.000	1:1	50	20bar	108			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



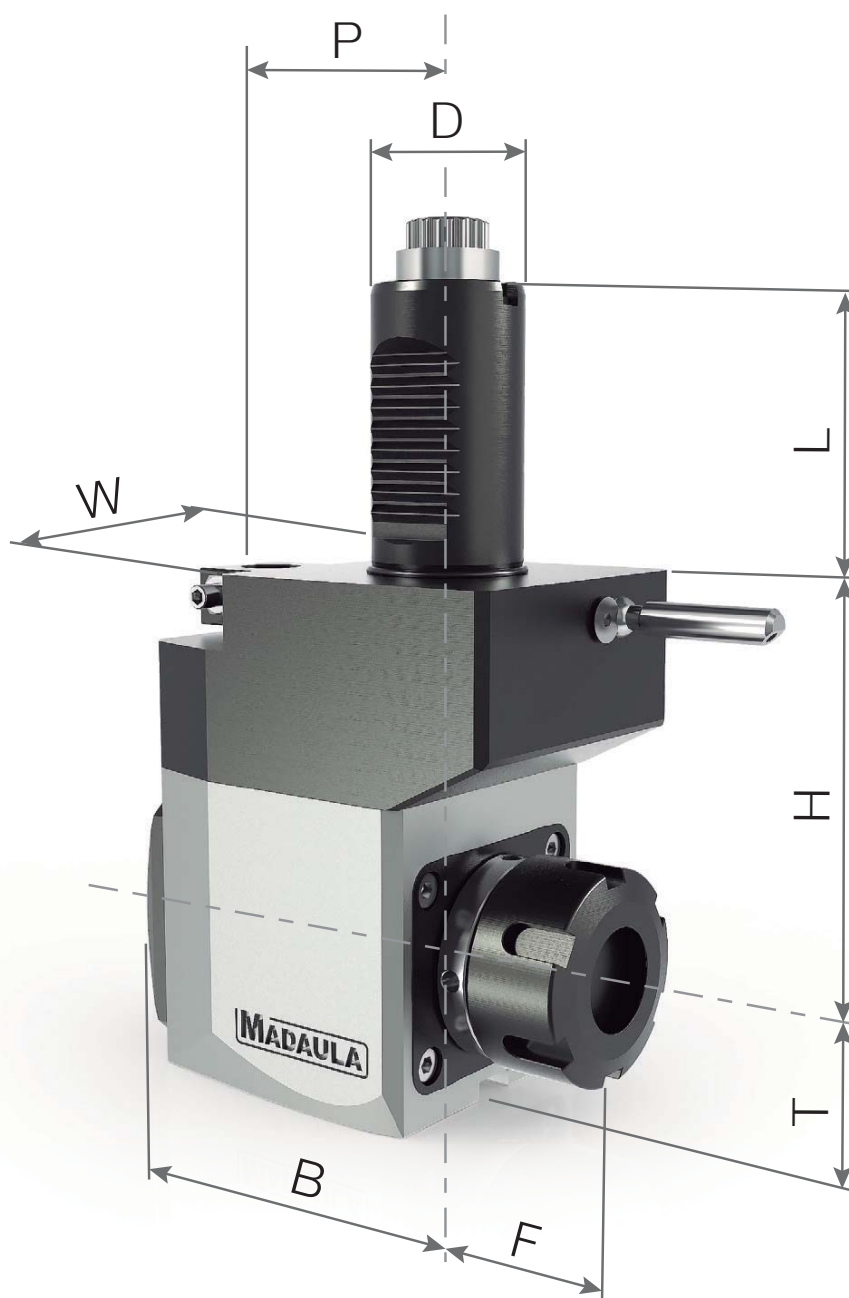
Code	D mm		 RPM. Max.	 1:2	 Nm. Max.		A mm	F mm	L mm	P mm	T mm	W mm
VDI-30 SA.026.3080-2X	30	ER-25	12.000	1:2	14	-	50	106	55	56	90	78






* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



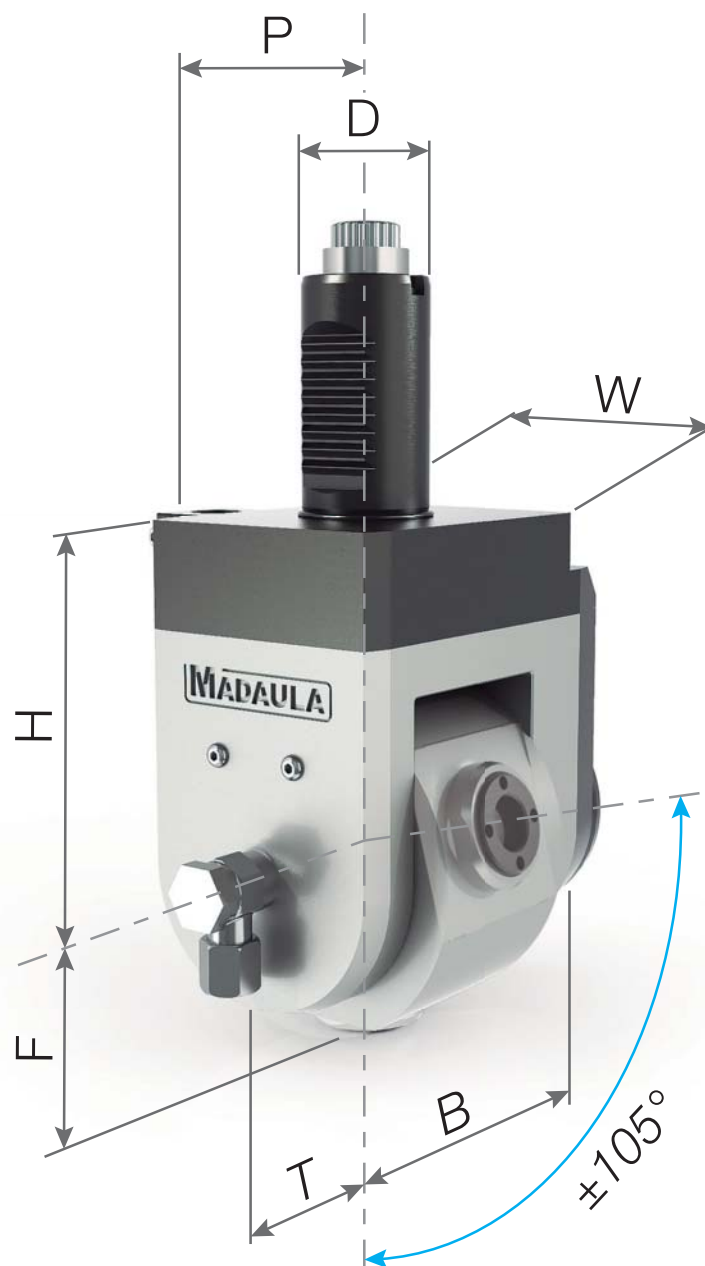
Code	D mm	ER-25	RPM.Max.	1:1	Nm.Max.	IC	H mm	B mm	F mm	L mm	P mm	T mm	W mm		
VDI-30	SA.010.3080-H55	30	ER-25	6.000	1:1	28	-	55	48	64	55	56	29	64	
	SA.010.3080-H85	30	ER-25	6.000	1:1	28	-	85	48						
	SA.010.3080-H100	30	ER-25	6.000	1:1	28	-	100	48						
	SA.016.3080-H55	30	ER-25	6.000	1:1	28	20bar	55	51						
	SA.016.3080-H85	30	ER-25	6.000	1:1	28	20bar	85	51						
	SA.016.3080-H100	30	ER-25	6.000	1:1	28	20bar	100	51						
VDI-40	SA.010.4080-ER25-H80	40	ER-25	6.000	1:1	50	-	80	59	64	65	36	75	70	
	SA.010.4080-ER32-H80	40	ER-32	6.000	1:1	50	-	80	59						74
	SA.010.4080-ER25-H100	40	ER-25	6.000	1:1	50	-	100	59						70
	SA.010.4080-ER32-H100	40	ER-32	6.000	1:1	50	-	100	59						74
	SA.016.4080-ER25-H80	40	ER-25	6.000	1:1	50	20bar	80	62						70
	SA.016.4080-ER32-H80	40	ER-32	6.000	1:1	50	20bar	80	62						74
	SA.016.4080-ER25-H100	40	ER-25	6.000	1:1	50	20bar	100	62						70
	SA.016.4080-ER32-H100	40	ER-32	6.000	1:1	50	20bar	100	62						74





* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



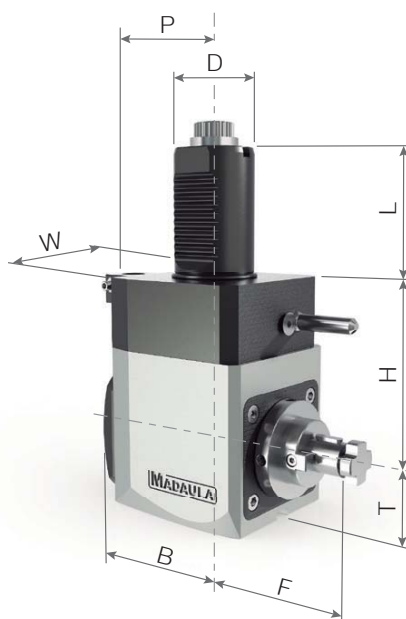
Code	D mm		 RPM.Max.	 1:1	 Nm.Max.		B mm	F mm	H mm	L mm	P mm	T mm	W mm	
VDI-30	SA.011.3080	30	ER-25	6.000	1:1	28	-	71	40	75	55	56	29	64
	SA.017.3080	30	ER-25	6.000	1:1	28	20bar	74						
VDI-40	SA.011.4080-ER25	40	ER-25	6.000	1:1	50	-	92	120	64	65	36	75	
	SA.011.4080-ER32	40	ER-32	6.000	1:1	50	-	92						
	SA.017.4080-ER25	40	ER-25	6.000	1:1	50	20bar	95						
	SA.017.4080-ER32	40	ER-32	6.000	1:1	50	20bar	95						






* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.








Code	D mm		 RPM.Max.	 Nm.Max.	 IC	H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	SA.021.3080-ER16	ER-16	6.000	1:1	16	-	79	59	43	55	56	40	64
	SA.021.3080-ER25	ER-25	6.000	1:1	16	-	79						
	SA.022.3080-ER16	ER-16	6.000	1:1	16	20bar	86						
	SA.022.3080-ER25	ER-25	6.000	1:1	16	20bar	86						
VDI-40	SA.021.4080	ER-25	6.000	1:1	16	-	79	59	64	64	65	40	78
	SA.022.4080	ER-25	6.000	1:1	16	20bar	86						

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

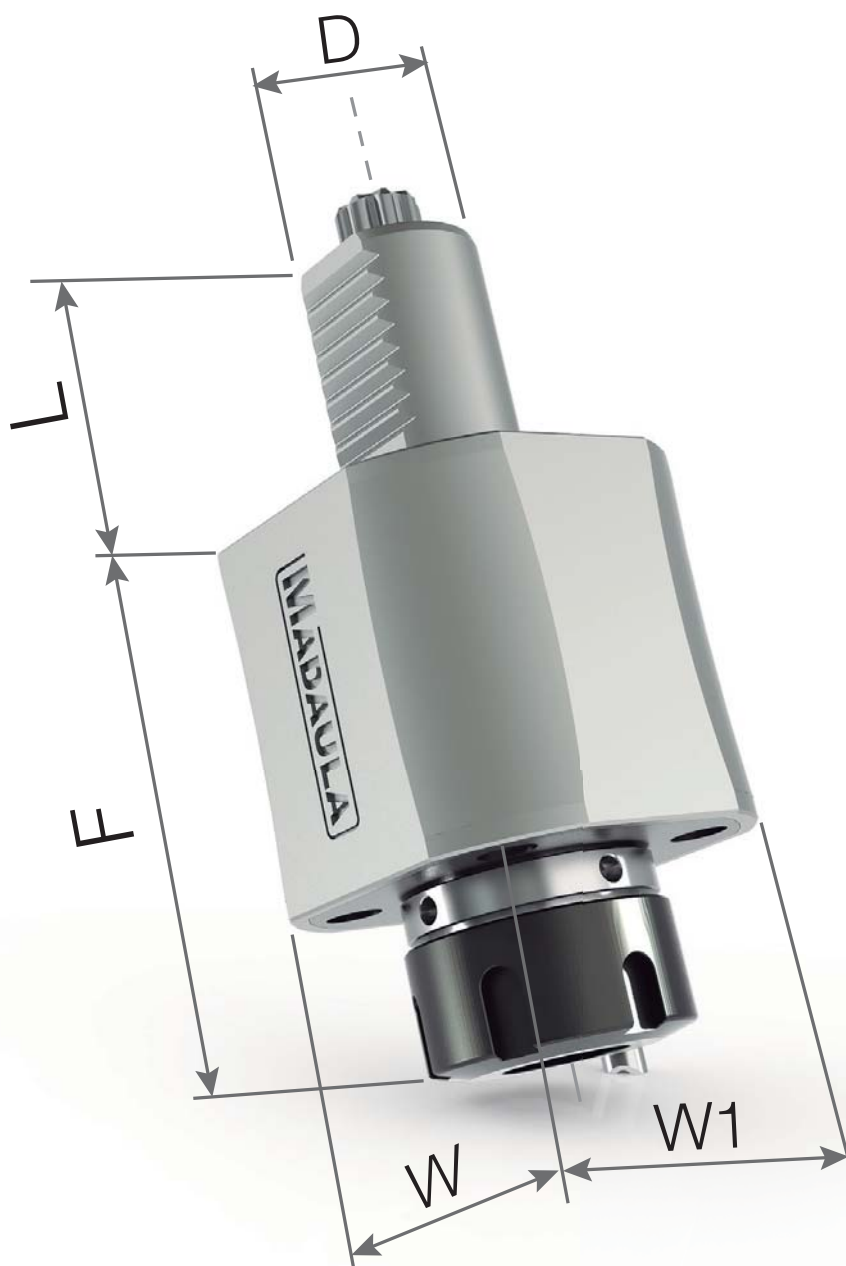







Code	D mm		 RPM.Max.	 1:1	 Nm.Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm	
VDI-40	SA.037.4080-16	40	Ø16	6.000	1:1	50	-	80	59	76.5	63	65	36	75
	SA.037.4080-22	40	Ø22	6.000	1:1	50	-							



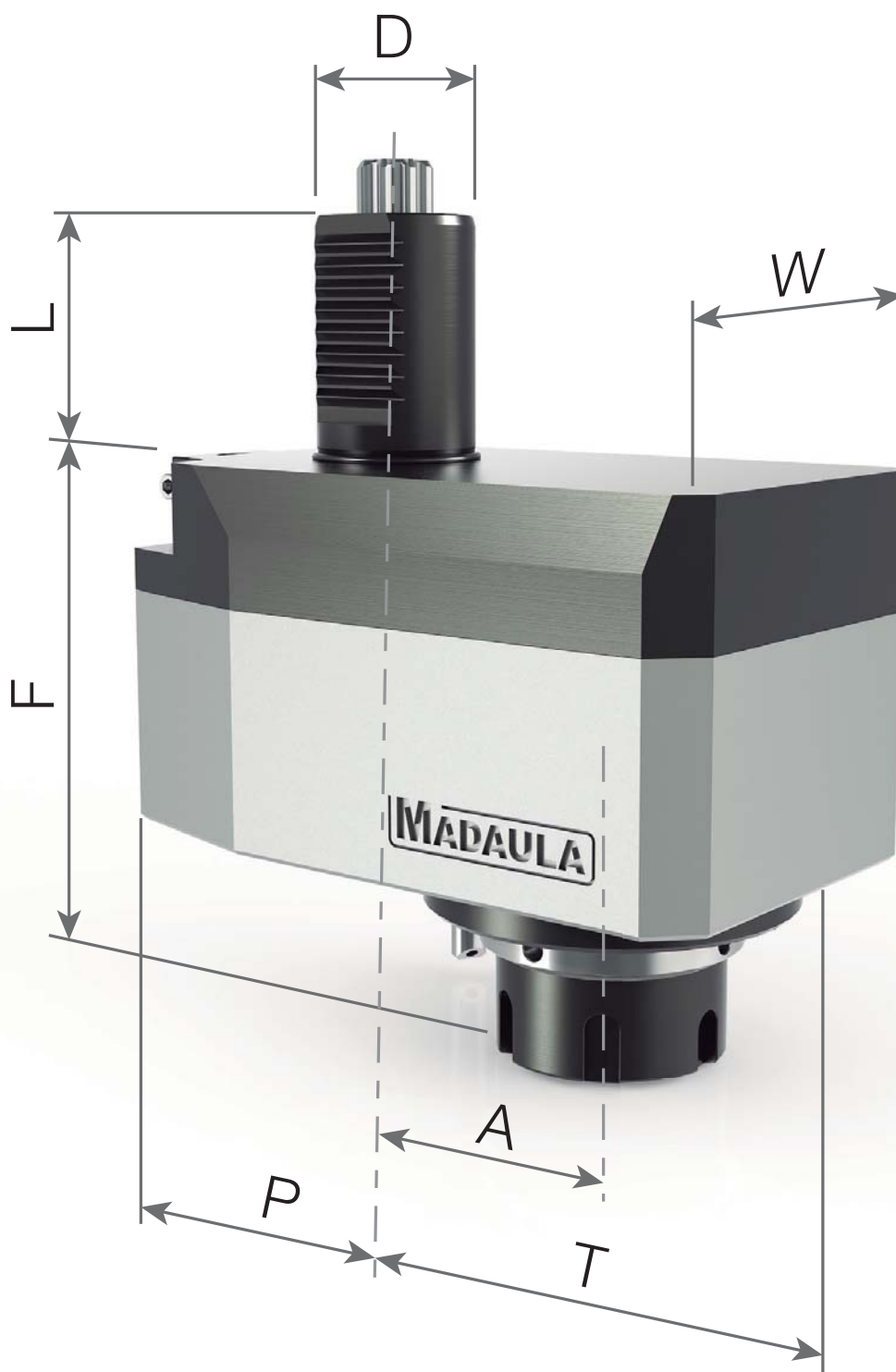
Code	D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	L mm	W mm	W1 mm	
VDI-30	SA.038.3080	30	Ø16	6.000	1:1	28	-	93.5	55	64	68
VDI-40	SA.038.4080-16	40	Ø16	6.000	1:1	50	-	112.5	64	80	86
	SA.038.4080-22	40	Ø22	6.000	1:1	50	-	115.5			





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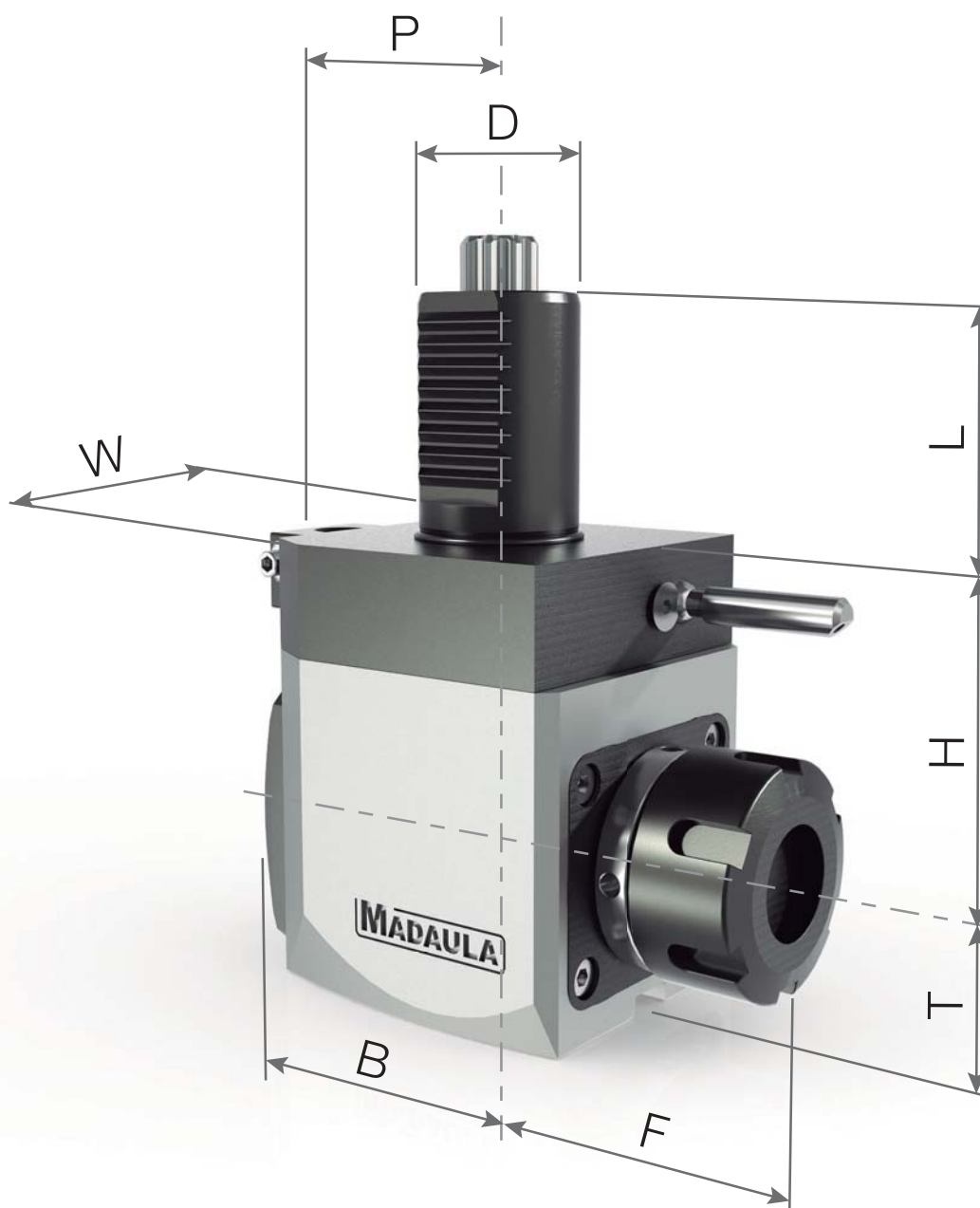
Code	D mm		 RPM. Max.	 Nm. Max.			F mm	L mm	W mm	W1 mm	
VDI-30	SA.000.3082	30	ER-25	6.000	1:1	28	-	89	45	64	68
	SA.005.3082	30	ER-25	6.000	1:1	28	20bar				
VDI-40	SA.000.4082-ER25	40	ER-25	6.000	1:1	50	-	105	53	80	86
	SA.000.4082-ER32	40	ER-32	6.000	1:1	50	-	108			
	SA.005.4082-ER25	40	ER-25	6.000	1:1	50	20bar	105			
	SA.005.4082-ER32	40	ER-32	6.000	1:1	50	20bar	108			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



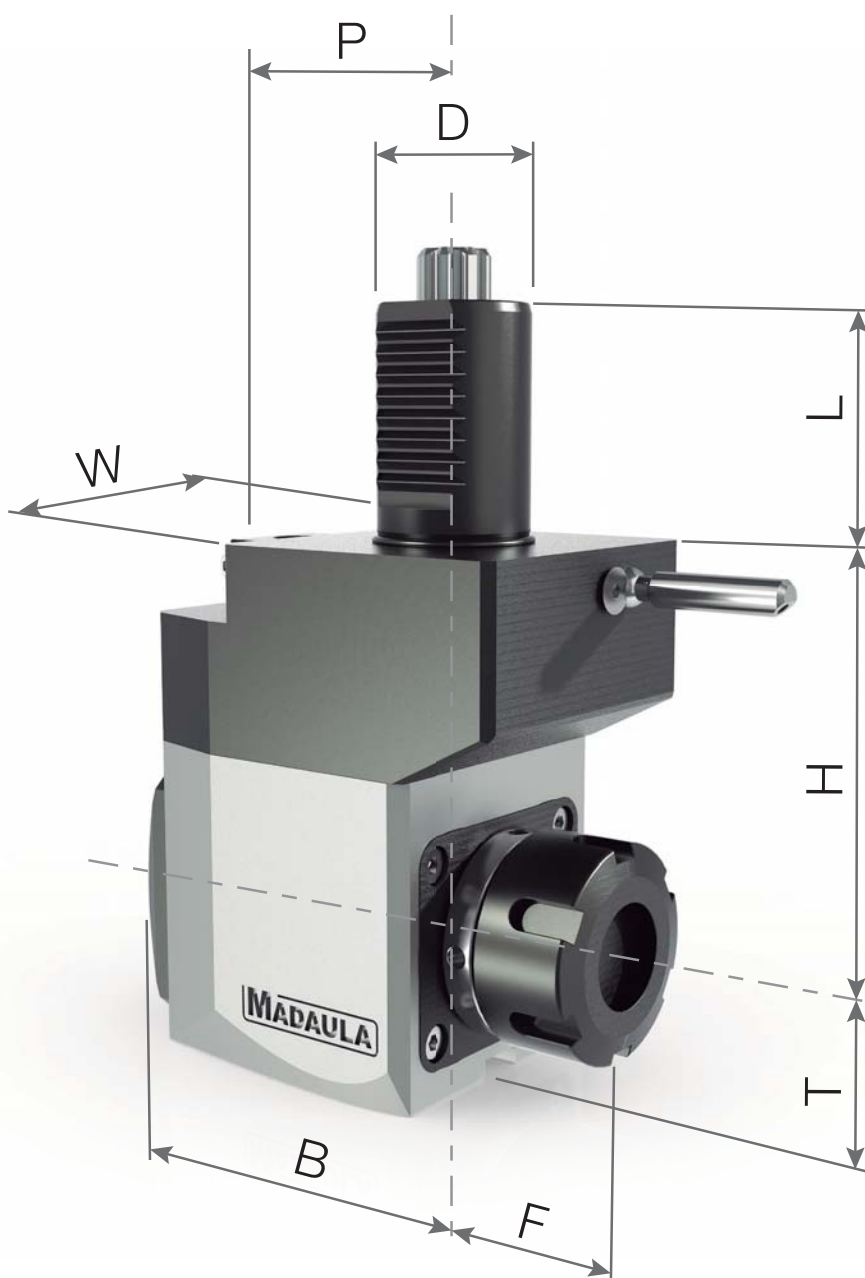
Code	D mm		 RPM. Max.	 Nm. Max.		A mm	F mm	L mm	P mm	T mm	W mm	
VDI-30 SA.026.3082-2X	30	ER-25	12.000	1:2	14	-	50	106	45	48	90	78






* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



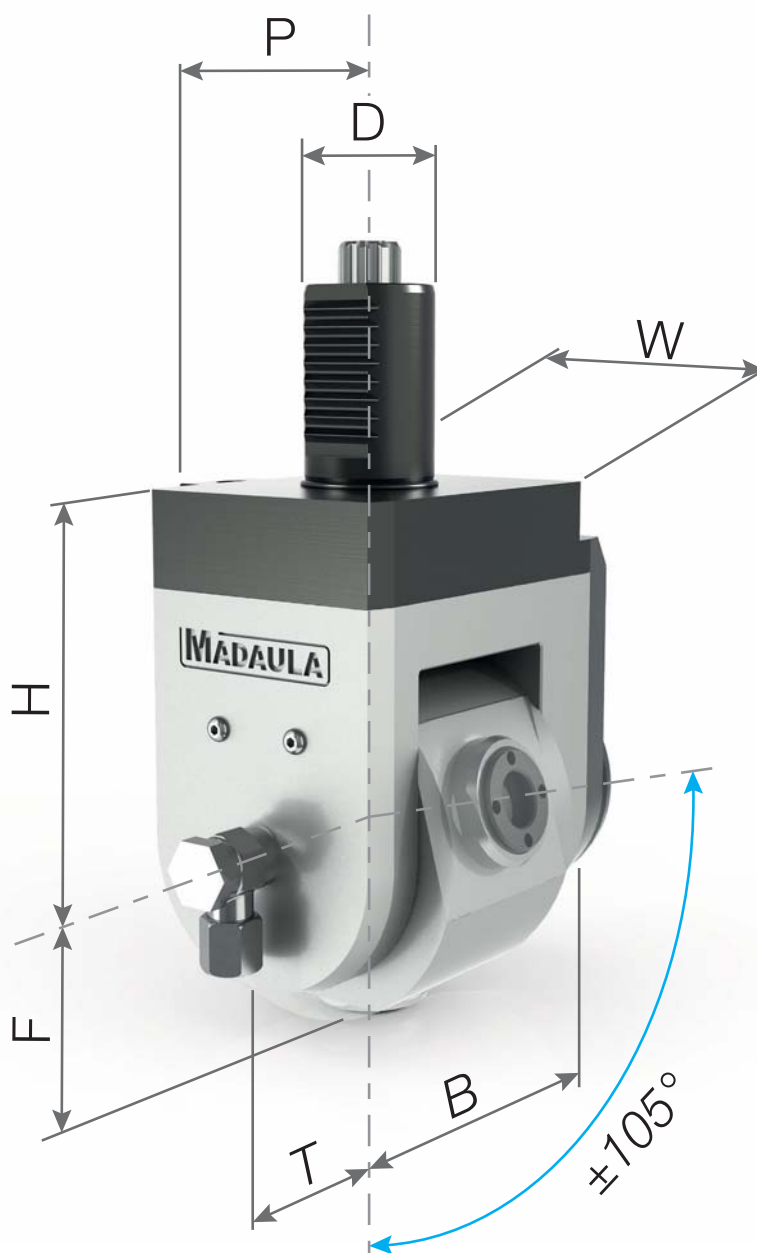
Code	D mm	ER	RPM.Max.	1:1	Nm.Max.	IC	B mm	F mm	H mm	L mm	P mm	T mm	W mm	
VDI-30	SA.010.3082	30	ER-25	6.000	1:1	28	-	48	64	55	45	48	29	64
	SA.016.3082	30	ER-25	6.000	1:1	28	20bar	51						
VDI-40	SA.010.4082-ER25	40	ER-25	6.000	1:1	50	-	59	80	53	71	36	75	70
	SA.010.4082-ER32	40	ER-32	6.000	1:1	50	-	59						74
	SA.016.4082-ER25	40	ER-25	6.000	1:1	50	20bar	62						70
	SA.016.4082-ER32	40	ER-32	6.000	1:1	50	20bar	62						74






* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



Code	D mm		 RPM.Max.	 1:1	 Nm.Max.		B mm	F mm	H mm	L mm	P mm	T mm	W mm	
VDI-30	SA.011.3082	30	ER-25	6.000	1:1	28	-	71	40	75	45	48	29	64
	SA.017.3082	30	ER-25	6.000	1:1	28	20bar	74						
VDI-40	SA.011.4082-ER25	40	ER-25	6.000	1:1	50	-	92	120	53	71	36	75	
	SA.011.4082-ER32	40	ER-32	6.000	1:1	50	-	92						41
	SA.017.4082-ER25	40	ER-25	6.000	1:1	50	20bar	95						37
	SA.017.4082-ER32	40	ER-32	6.000	1:1	50	20bar	95						41

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



Code	D mm		 RPM.Max.	 1:1	 Nm.Max.		H mm	F mm	B mm	L mm	P mm	T mm	W mm	
VDI-30	SA.021.3082-ER16	30	ER-16	6.000	1:1	16	-	79	43	59	45	48	40	64
	SA.021.3082-ER25	30	ER-25	6.000	1:1	16	-	79	43					
	SA.022.3082-ER16	30	ER-16	6.000	1:1	16	20bar	86	64					
	SA.022.3082-ER25	30	ER-25	6.000	1:1	16	20bar	86	64					
VDI-40	SA.021.4082	40	ER-25	6.000	1:1	16	-	79	64	59	53	71	40	78
	SA.022.4082	40	ER-25	6.000	1:1	16	20bar	86						

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.

Quality procedures

Progressive increasing to full speed

temperature, speed, noise, leakage and vibration control.

Accélération progressive jusqu'à la vitesse maximale, contrôle de température, vitesse, bruit, fuites et vibrations.

Progressivo aumento a tuta velocità: Controllo di temperatura, velocità, rumorosità, perdite e vibrazioni.

100% Tested: main dimensional control

with Coordinate Measuring Machine for all products.

Contrôle des principales dimensions avec machine à mesurer CNC.

Controllo dimensione su tutti i prodotti con macchina per misure a coordinate.

Quality certificate

on delivery.

Livraison du certificat de qualité.

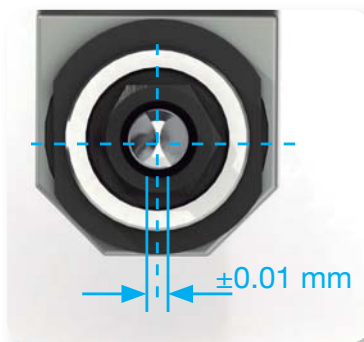
Certificato di qualità sulla consegna.



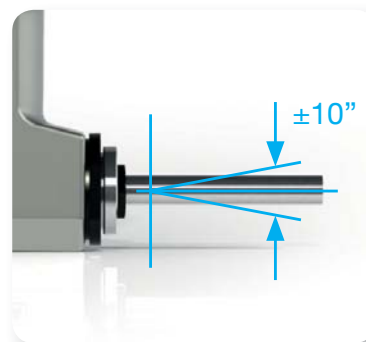
Certificate ISO 9001: 2015 since 1999
 Certificat ISO 9001: 2015 depuis le 1999
 Zertifikat ISO 9001: 2015 seit 1999

Precision

Maximum misalignment



Angle tolerance



Max. runout inside the spindle



0,005 mm

Global services



Specialized technical assistance team with extensive experience at your disposal.

Une équipe spécialisée en assistance technique et avec une vaste expérience est mis à votre disposition.

Servizio de assistenza tecnica con team specializzato con una vasta esperienza a vostra disposizione.

Repair service

We are proud of offering to our customers a repair service for all their products, no matter how old they are.

All products of our fabrication range can be repaired, even if they have not been originally manufactured by Madaula.

Nous assurons pour nos clients un service réparation pour tous nos produits de notre marque ou de nos concurrents et de toutes générations.

Touts les produits de notre gamme de production peuvent être réparés, même s'ils n'ont pas de notre fabrication.

Siamo orgogliosi di offrire ai nostri clienti un servizio di riparazione per tutti i prodotti, anche per i più datati. Tutti i prodotti della nostra gamma possono essere riparati, anche se non di nostra produzione.



Special products

Design and production according to the customer specifications.

More than 8000 specials designed and manufactured as per our customer's requirements.

Conception et fabrication selon les spécifications des clients. Plus de 8000 types spéciaux fabriqués.

Progettazione e produzione secondo le specifiche del cliente. Più di 8000 offerte speciali progettate su misura.



P.000
Axial



P.001
Axial offset



P.002
Axial speeder



P.003
Axial reducer



P.005
Axial
internal coolant



P.006
Axial offset
internal coolant



P.008
Radial double output



P.010
Radial



P.011
Radial set-back



P.012
Radial fixed angle



P.013
Radial speeder



P.014
Radial reducer



P.016
Radial
internal coolant



P.017
Radial set-back
internal coolant



P.018
Radial speeder
internal coolant



P.019
Radial reducer
internal coolant



P.021
Radial
adjustable



P.022
Radial adjustable
internal coolant



P.023
Axial multiple
outputs



P.025
Static



P.026
Axial offset
speeder



P.027
Axial offset
reducer



P.029
Radial multiple
outputs



P.030
Saw-mill



P.031
Axial offset
double output



P.034
Polygon marker



P.035
Thread whirling



P.036
Gear hobbing



P.038
Axial saw-mill



P.040
Work inside
tubes



P.051
Radial Y Axis

Wide range of solutions



Heads & accessories



Angle heads



Multispindle heads



Live tooling for swiss type lathes



Spindle speeders



High frequency spindles