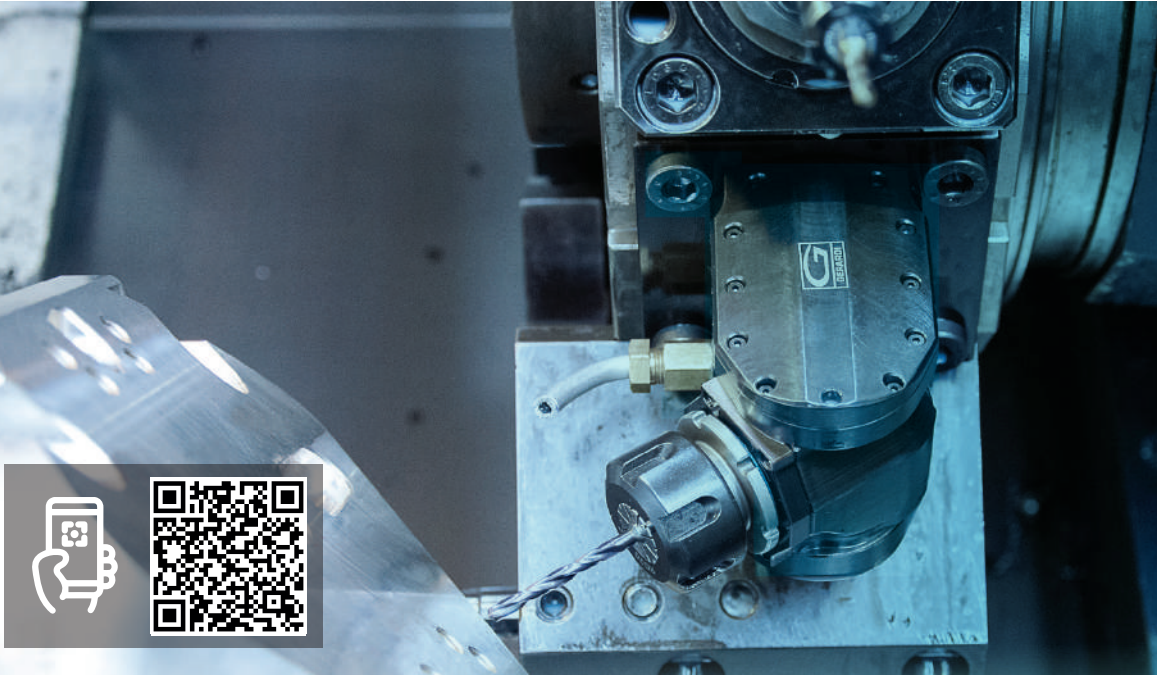




L'ECCELLENZA TECNOLOGICA / UPGRADE YOUR LATHE & BOOST PRODUCTIVITY

DRIVEN TOOLS



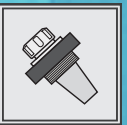
QUICKEST ASSISTANCE



2 YEARS WARRANTY



MODULAR QUICK CHANGE



PER TORNII & TORRETTE
FOR CNC LATHE & VDI TURRETS

PIÙ DI 1000 MODELLI
DISPONIBILI,
PREZZO/QUALITÀ
IMBATTIBILI

MORE THAN 1000 TYPES
AVAILABLE WITH THE BEST
PRICE/QUALITY RATIO

I portautensili motorizzati per centri di tornitura a controllo numerico consentono di eseguire lavorazioni di fresatura, foratura e maschiatura sul tornio stesso e senza ulteriori piazzamenti. Anche in questo caso Gerardi propone un'ampia gamma di modelli VDI 69880 e BMT, tutti fornibili con passaggio refrigerante interno fino a 100bar, adatti ad attrezzare i torni e le torrette motorizzate dei maggiori costruttori di torni a livello mondiale con un rapporto qualità/prezzo insuperabile.

Driven tools for CNC turning centres allows milling, drilling and tapping operations on the lathes without additional parts handling. Also in this case Gerardi can supply a wide range of VDI 69880 and BMT types, all available with internal coolant up to 100bar, in order to equip the CNC lathes and turrets of the most popular builders on the market with an unbeatable price/quality ratio.

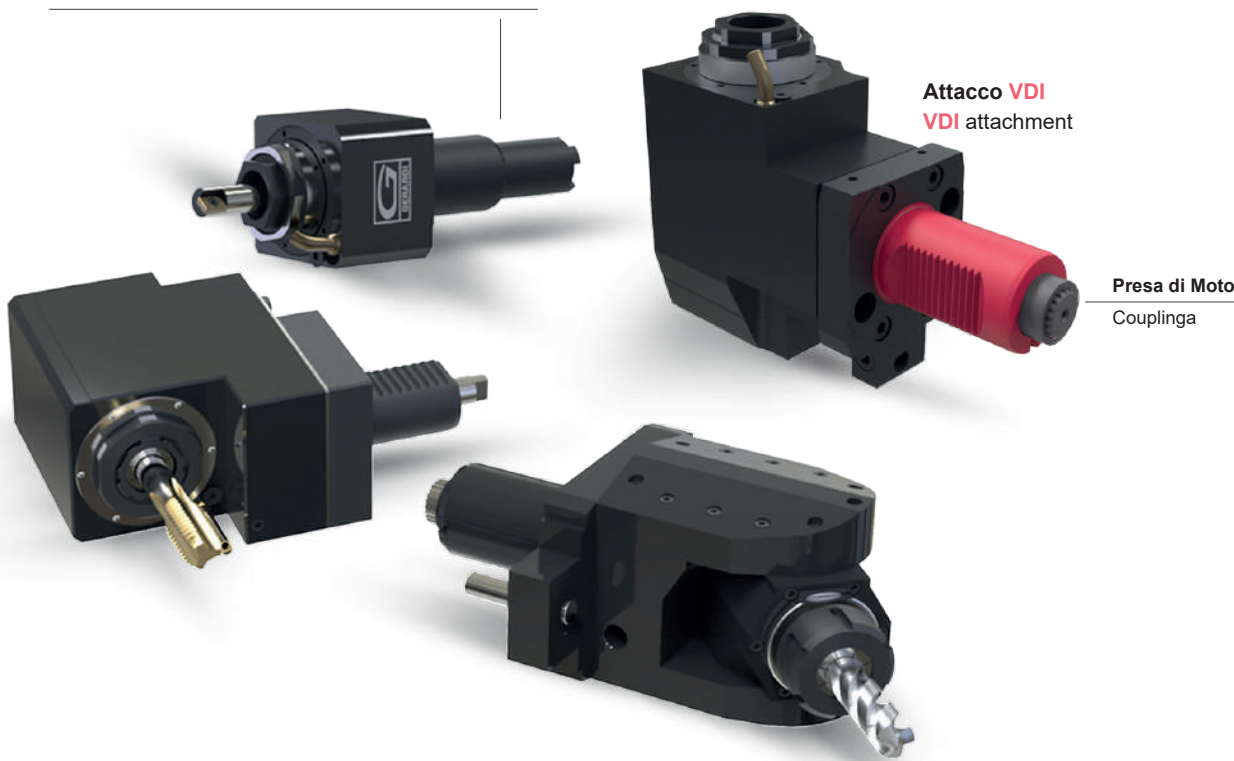
AMPIA GAMMA DI MOTORIZZATI DISPONIBILE
WIDE RANGE OF DRIVEN TOOLS AVAILABLE



VDI DIN69880



Presi di moto intercambiabile per le varie tipologie di torrette Haas
 Interchangeable couplings for the different Haas turret



Attacco VDI
VDI attachment

Presi di Moto
Couplings

DIN 5480



DIN 5482



BARUFFALDI



DIN 1809



Filetto interno
 Internal thread



Filetto esterno
 External thread

TEMPI di INSTALLAZIONE RIDOTTI E POSSIBILITÀ DI PRESETTING A BORDO MACCHINA

REDUCED SET-UP TIME AND POSSIBILITY OF OFFLINE TOOL PRESETTING !

CAMBI RAPIDI MODULARI
MODULAR QUICK CHANGE ADAPTORS

Sono un facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499). Idonei a refrigerazione esterna o interna mantenendo il presetting precedentemente realizzato.

They are a modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs. All Adaptors are suitable for external and internal coolant supply and keep the presetting already done.

PASSAGGIO REFRIGERANTE - COOLANT TYPES UP TO 100bar

Esterno MAX
External **10bar**

- » Mandrino Macchina
- » Corpo Motorizzato
- » Ugello

- » Machine Spindle
- » Driven Tool Body
- » Coolant Pipe



Interno MAX
Internal **100bar**

- » Mandrino Macchina
- » Corpo Motorizzato
- » attraverso Distributore
- » Utensile

- » Machine Spindle
- » Driven Tool Body
- » through Rotating Distributor
- » Tool



Re-Cool Nut MAX
Ghiera Re-Cool **150bar**

- » Mandrino Macchina
- » Corpo Motorizzato
- » attraverso Ghiera Re-Cool
- » Utensile

- » Machine Spindle
- » Driven Tool Body
- » through Re-Cool Nut
- » Tool

SCEGLI IL MODELLO PIÙ ADATTO ALLE TUE LAVORAZIONI
CHOOSE THE RIGHT TYPE FOR YOUR APPLICATIONS

BMT BUILT ON MOTOR TURRET



Coppia & Rpm - Torque & Rpm

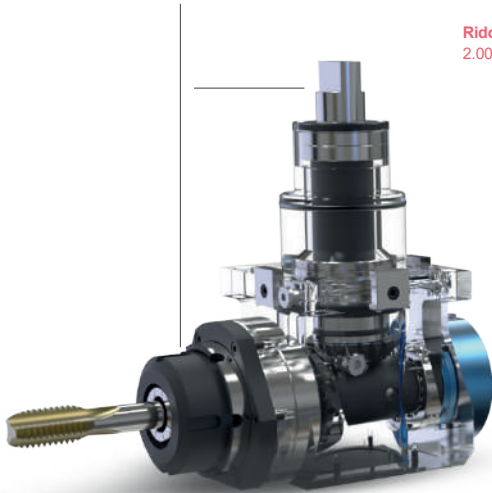
Coppia fino a 100Nm e velocità fino a 10.000Rpm
 Rated to 100 Nm torque and 10.000Rpm.



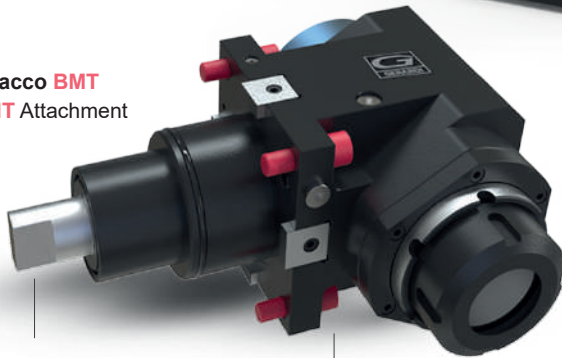
Disponibili Modelli
 Available Types

Moltiplicati - Increased
 24.000 Rpm (Ratio 1:4)

Ridotti - Reduced
 2.000 Rpm (Ratio 2:1)



Attacco BMT
 BMT Attachment



Double Output
 Double Output



Prese di Moto - Couplings

Diverse tipologie e lunghezze di prese di moto per torrette VDI e torni BMT

Different types and sizes of couplings for VDI turrets and BMT lathes

Uscite - Outputs:



Portapinza ER / HSK / ISO / Portafresa / Weldon / Speciale
 ER collet (standard) / HSK / ISO / Shell mill holder / Weldon / Special

Corpo Principale - Main Body

Corpo in acciaio a sezione maggiorata per ridurre vibrazioni e aumentare la rigidità. Con trattamento protettivo.

Integral steel body re-designed to improve rigidity and reduce vibrations. Specially treated corrosion resistant.

MODELLI - TYPES:

Assiale Axial	Assiale doppio Double Axial
Disassato Offset Axis	Disassato Doppio Double Offset Axis
Radiale Radial	Radiale Doppio Double Radial
Radiale 4 Uscite Radial 4 Outputs	Radiale 8 Uscite Radial 8 Outputs
Radiale Rovesciato Radial Upside Down	Arretrato Rear Offset
Arretrato Doppio Double Rear Offset	Orientabile ±90° Adjustable ±90°
Portacreatore Driven Gear Hobber	



Ingranaggi Gleason

Gleason Gears

Coppia Conica di ingranaggi spirroidali Gleason con evolvente rettificato ottimizzato

Gleason spiral bevel gears with ground teeth in order to guarantee a bigger torque and less noise.



Cuscinetti

Ball Bearings

Cuscinetti di precisione a contatto obliquo, precaricati, e lubrificati con grasso a vita.

Preloaded angular contact ball bearings precision and long life lubrication.



Maschiatura

Tapping

Grazie alle pinze compensate ET-1 perfettamente intercambiabili con le normali pinze secondo norma DIN 6499.

By axially compensated collets ET-1 interchangeable with the standard ER collets according to the international standard DIN 6499

Qual'è la tua macchina? Which is your machine model?



Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LP05 Pages
DIN 5480	VDI	VDI 30, 40, 50, 60	from page 4.11 to page 4.44
DIN 5482		VDI 20, 30, 40, 50	
BARUFFALDI		VDI 20, 30, 40, 50, 60	
DIN 1809		VDI 20, 25, 30, 40, 50, 60	
BIGLIA	BMT 40	B436	from page 5.17 to page 5.20
	BMT 55	B301 / 445 / 455 / 470 / 501 (Y-S) 510 / 545 / 550 / 565 / 650 / 658 1200 / 446 / 465 / 745 / 765 B750 / 1250 16 STATIONS	from page 5.21 to page 5.32
DOOSAN	BMT 55	LYNX 2100LYA/LYB 24 POSITIONS - 2100MA/220 (LMSA, LMSC) - 220 (LSYA, LSYC), 220 (M, LM) - 220 (MA, LMA, MC, LMC) - 220 (YA, YC, LYA, LYC) PUMA MX1600 (T, ST)	from page 5.33 to page 5.39
Hardinge		GS42, 51 - T-42, 51 SUPER PRECISION TALENT 42, 51	
Jyoti		AX 200 - TMC 250, 350	
Nexturn		NST 56/67	
Samsung		PL 1600 (M / CM) - SL 15M	
Victor		VTURN NP-16 CM	

Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LP05 Pages
DOOSAN	BMT 55	LYNX 300(M) PUMA 1500/2000/2500(M,S,Y) - 2100(Y,LY,SY,L- SY) - 2100/2600/3100M/Y/MS/SY - 230/240/280(M,LM,S) - GT2100M - H250TM - MX1600 / 2100(ST/LST) - TL2000/2500(M,LM) - TT1500/1800(MS,SY) - TW2600	from page 5.40 to page 5.44
Goodway		GTx, GTZ 2000, 2600 16 STATIONS	
Hardinge		CONQUEST H51 SUPER PRECISION T56 - T65	
Hwacheon		CUTEX-160 / 180 / 240 / T2 (MC / SMC / YMC / YSMC) VT 450 (MC)	
Hyundai WIA		HD2200 (M / MC) - SKT-160 / 180 TTMS / TTSY / LM1600 / 1800 TTSY L160, 230 (MA / LMA / LMSA) SKT-160, 180 (TTMS / TTSY)	
Jyoti		AX 300	
Samsung		PL 240 (LM) SL 1500,2000 (M/SY)	
Victor		VTURN-A16, A20 (CM/SCM/YCM/YSCM) - Q200	
Takisawa Taiwan		Takisawa Taiwan UX-2000 UX-2000	

Qual'è la tua macchina? Which is your machine model?



Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LPO5 Pages
DOOSAN		PUMA 2100/2600 (M,LM,MS,LMS) (Y,LY,SY,LSY) / 300 (M,MS,MB,MC) / 3100(M,LM,LY,XL- M,XLY,ULM,ULY / MX2000/2500 / MX2600 (T,SY,ST) / TT2500 (MS/SY) / V400 (M) / VT450 (M,2SP) / TT2000 - INVERTURN 3000 (M)	
Goodway		GLS 2800, 2300 - GMS 2000 (ST) 15 STATIONS GMT 2000 - GS 2000, 2800 16 STATIONS - GTX / GTZ 2000, 2600 12 STATIONS	
Haas		ST20 - ST25 - ST30 - ST35 - DS30Y - ST-20Y ST-25Y - ST-30Y - ST-35Y	
Hardinge		GS-65	
Hwacheon	BMT 65	CUTEX-240 (MC/SMC) - HI-TECH 200, 230, 300, 400, 450 (MC/SMC/ YMC/YSMC) T2-SERIES (MC/SMC/YMC/YSMC) VT-450	from page 5.45 to page 5.48
Hyundai WIA		L300 (MA/MC/LMA/LMC/SMA/SMC/ LMSA) - LM 2000, 2500 (TTM/TTMS/TTSY) - L2000, 2100, 2600, 3000 (Y/LS/SY/LSY) - SKT200, 250 (TTSY) - SKT250, 300 (LM/LMS/M/MS)	
Samsung		SL25/35 - PL20/25/35M - PL35LM - PL2000/2500M - SL3500 (Y)	
Spinner		TC800 SMCY	
Victor		VTURN-A26 (CM / SCM / YCM / YSCM)	
Takisawa Taiwan		Takisawa Taiwan LA-250 YS II T15 LA-250 YS II T15 LX-2500, 3000MY NEX-110Y NX-2500 T12 NX-2500 T15	

Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LPO5 Pages
DOOSAN		PUMA 400, 480, 500 (M / LM) - 4100, 5100 (M / LY) - V550, 8300 (M) - VT750 (M / M-2SP)	
Hwacheon		HI-TECH 550/700/850/7026 - VT550 / 650 (MC)	
Hyundai WIA	BMT 75	L400 (MA / LM / LC / LMC) - LV800 (RM) V80 (R / RM) - SKT-400 (M / LMC)	from page 5.49 to page 5.51
Samsung		45 (M) - 800 (VM) - SL45 - 5500 (M)	
Victor		V-TURN 40, 45 (CM / YCM)	
DOOSAN		PUMA VT900M (TM/M) + 18141VT1 - 100M (M) + 18141 - 600 (M/LM/M) + 18141 - 700 (M LM/M) + 18141 - 800 (M/LM) - VT1100 (M)	
Hwacheon		VT-950, 1150 (MC) HI-TECH 850 (MC / YMC)	
Hyundai WIA	BMT 85	L600, 700, 800 (MA / LMA) LV1100 (RM) - SKT600, 700 (LM)	from page 5.52 to page 5.54
Samsung		PL 60, 70, 80 (M / LM) - SL65 - SLW1000 (M)	
Victor		V-TURN V1000 (CM)	

Qual'è la tua macchina? Which is your machine model?



Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LP05 Pages
DMG MORI	NL NLX	NLX 1500 / 2000 / 2500 / 3000 / 4000 12 STATIONS NL 2000 (S)MC - 2500 (S)MC NL3000MC 12 STATIONS NT 3250 / 4200 / 4250 / 4300 / 5400 / 4000 / 5000 NZL 2000/2500 - NZX 2500 12 STATIONS NTX 2000 / 2500 / 3000 - 2ND GEN. 10 STATIONS - (TX2500 BMT60)	from page 5.55 to page 5.63
DMG MORI	NZ	DURATURN 2050, 2550 (MC) NL/NLX 1500/2000/2500 20 STATIONS NT, NTX 1000, 2000 NT 3000 / 3100 / 3150 / 3200 NRX 2000 NZ/NTZ 1000/2000/3000/3100/3150/3200 NZ/NZX 1500/2000/2500	from page 5.64 to page 5.69
Takisawa Japan		Takisawa TS-2000-5000 T20 (3 key turret)	
DMG MORI		SL, ZL 150, 153, 154 (MC / SMC / Y / SY) DL 15, 150 (MC)	
DMG MORI	SL ZL DL	CL 200/203 - SL20/25 - DL 200/250 (MC) SL 200/203/204/250/253/254(MC,SMC)2500Y ZL 200(MC) - ZL250(SMC)	from page 5.70 to page 5.74
Cmz		TBI 520 - TL 20/25 (M/TM/MS) TC 15/20/25/30/35 (M/Y/MS/YS) TA 15/20/25/30 (M/Y/MS/YS) TD 15/20/25/30/35/45/55 (M/Y/MS/YS)	
Goodway		GS 200/230/260/280 (M/MS) GA 2000/2600/2800/3000/3300/3600 (M)	
GOODWAY	G1	GLS 100, 150, 200 (M) BEVEL GEAR VERSION GTS 100, 150 (MMX) BEVEL GEAR VERSION	from page 5.75 to page 5.78
	G3	GTS 260 (MMX)	
	G4	GS 2000, 2600, 2800, 4000 - 12 STATIONS.	

Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LP05 Pages
HAAS	L 104,85	VDI TURRET SL 20/30	
	L 117,55	VDI TURRET - 24 station turrets SL 40 - ST 10/15/20/25/30/35 HYBRID TURRET - 12 station turrets DS 30 - SL 20/30 - ST 10/15/20/25/30/35 - TL 15/25	from page 5.79 to page 5.90
	L 130,25	HYBRID TURRET - 12 station turrets SL 40 - ST 40/45 (L)	
MAZAK	QTN 1 VDI 40	QTN 100/150 M/MS - 200/250 (M/MS/MY/MSY) 16 STATIONS SQT 15/18/200/250 (M/MS/MY/MSY) 16 STATIONS - 100 M/MS	from page 5.91 to page 5.94
	QTN 2 VDI 40	QTN 200/ 250 (M/MS/MY/MSY 12 STATIONS) SQT 15/18/200/250 (M/MS/MY/MSY) 12 STATIONS SUPER QUADREX 200/ 250 (M)	from page 5.95 to page 5.99
	QTN 3 VDI 50	QTN 300/350/400/450 (M/MY/MSY) SQT 28/30/300/350/400/450 (M/MY) SLANT TURN NEXUS 500/550 (M) MEGATURN NEXUS 900 (M) HYPER QUADREX 450 (M)	from page 5.100 to page 5.102
	QTS SMART BMT68	QT/QTS 100/150/200/250 (M/MY/MS/MSY) QTC/QTU 100/150/200/250/300 (M/MY/MS/MSY)	from page 5.103 to page 5.105
	HQ	HYPER QUADREX 200, 250, MS/MSY - 16 STATIONS MULTIPLY 620, 6200Y, 6250, W-200Y - 16 STATIONS	from page 5.106 to page 5.108

Qual'è la tua macchina? Which is your machine model?

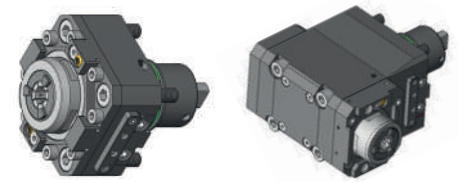


Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LPO5 Pages
MIYANO	∅ 38	BNA 32, 42 (C / DHY / GTY / MSY / S)	from page 5.109 to page 5.111
MIYANO	∅ 45	ABX 51, 64 (TH2 / TH3) - BNE 34, 51 (S/SY / MSY) - BNX 42 (SY) - BNJ 42 / 51 (S / SY) BND 51 (C / S / SY)	from page 5.112 to page 5.115
Goodway		GLS 1500 / 2000 (M) - GLS 150 / 200 (M) GTS 150 (M) - GTW 1500	
MIYANO	∅ 54	ABX 51, 64 (SY / THY)	from page 5.116 to page 5.120
NAKAMURA	BMT 44	NTJ 100, SC 100 - SUPER NTMX SUPER NY ³ - WT, WY 100	from page 5.121 to page 5.123
Muratec		MT 100	
NAKAMURA	BMT 55	AS200 (L-LS) 12/15 STATIONS. NTY3-150/250 SC150(M)/200(MY)/250(M) Super NTJ / NTJX / NTM3 TW 10/20 16 STATIONS WT 150/200/250 - WTS 150 - WTW 150/160 WY 150/250 - WT 200 II (M/MY) WT 20 II (M) - TM C20 II (M/ML)	from page 5.124 to page 5.126
Cmz		TX 52/66 - TTL 52 - TTL 66 TX 52 Y3-Y2 QUATTRO-Y2 TW IN TX 66 Y3-Y2 QUATTRO-Y2 TW IN TA 15/20/25/30(MY/MS/MY/YS) 15 STATIONS	
NAKAMURA	BMT 65	WT300 - SC300 - TW20 TMC 200/300 (M) SUPER NTX TW20M (MY/MM/MY/MYY) 12 STATIONS TW 30M (MY/MM/MY/MYY) 16 STATIONS	from page 5.127 to page 5.128

Costruttore Builder Brand	Torretta Turret	Modelli Macchina Lathe or turret Models	Tooling LPO5 Pages
OKUMA	VDI 30	LB 10, 200 M, Y - LT 10, 200 M, Y - ES L6 M / LB M - GENOS L200, L2000-E	from page 5.129 to page 5.131
	VDI 40	Captain L370 M - ES L10 M - GENOS L300, L3000-e M/MY (VDI40) - LB/LU 300, 3000 M (VDI40) - LB 300 MW (Face tooling turret) LB/LU 300 MY	page 5.132
	BMT 55	LT 2000EX (M / MY) 16 STATIONS	from page 5.133 to page 5.134
	BMT 60	GENOS L300 (MW / MYW) LB 2000, 2500, 3000 (EX) LU 2000, 2500, 3000 (EX) MULTUS U3000, 4000 (2SW)	from page 5.135 to page 5.136
SPINNER	BMT45 SP	TC 300 - 600(SMCY) - TTC 300 (SMCY)	from page 5.137 to page 5.140
	VDI25 SP	TD 42, 65 - TC, TTC 300	
	BARUFFALDI VDI 30	TC 400 - 600 (MC, MCY, SMCY)	
TSUGAMI	BARUFFALDI VDI 40	TC 600 (MC, MCY, SMCY)	from page 4.29 to page 4.38
	BARUFFALDI VDI 50	TC 77, 110, 800 (MC, MCY, SMCY)	
	BMT 65	M06 (SY) - M08 (D/SD) - M08 (SY)	from page 5.141 to page 5.148
TAKISAWA JAPAN	BMT 60	TM-2000 T12 (2 key turret) TM-2000, 3000 T12 (2 key turret) TS-2000-5000 T20 (3 key turret) TS-3000-5000 T12 (2 key turret) TS-3000-5000 T12 (3 key turret)	from page 5.149 to page 5.152
TAKISAWA TAIWAN	BMT 60	EX-1500, 2000 YT/YS - EX-308 / 310 / 508 / 509 / 510 / 710 / 908 / 910 - EX/NEX-508, 510, 908, 910 - FX-800 - LA-250 YS/YT T15 - LA-250, 300 M/Y - LX-2500M/Y - MX-800 - NEX-108, 110 M/Y - VTL-450 M	from page 5.153 to page 5.158

High Performance

Elevata coppia e 12.000 Rpm per lavorazioni a secco!
High torque and 12.000 Rpm for dry running!



IN ARRIVO MOTORIZZATI POTENZIATI!
UPGRADED DRIVEN TOOLS ARE COMING!



Modelli BIGLIA già disponibili a catalogo.
Prossimamente DMG MORI!
BIGLIA models already available in the catalogue.
Coming soon DMG MORI!

PROGETTAZIONE OTTIMIZZATA PER MASSIME PRESTAZIONI

Optimised Design for Maximum Performance

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft

EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals

POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology

CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

'Hands-free' locking wrench

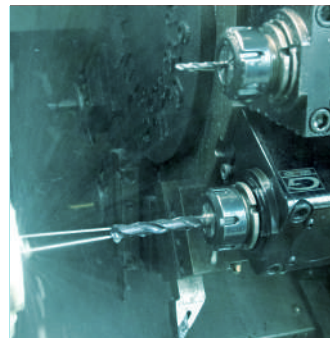
- La chiave di bloccaggio dell'albero portapinzina rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.



Stozzatore Modulare Broaching Driven Tool

Il nuovo stozzatore modulare realizza scanalature interne, chiavette e profili dentati direttamente sul tornio

The new modular broaching driven tool creates grooves, internal cavities and toothed profiles directly on the lathe



Refrigerazione Interna Internal Coolant

Tutti i motorizzati possono essere forniti con passaggio refrigerante attraverso l'albero utensile fino a 100bar.

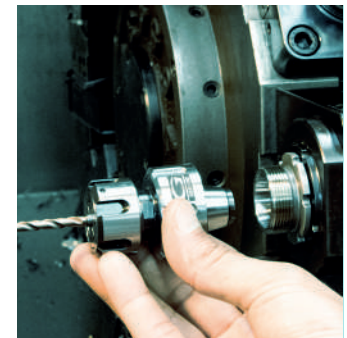
All the driven tools can be supplied with coolant feed through the spindle with rotating distributor up to 100bar



Orientati Meglio Orient Yourself Better

Progettiamo e realizziamo porta utensili motorizzati ORIENTABILI che permettono fresature e forature con diverse angolazioni $\pm 90^\circ$.

We design and produce ADJUSTABLE driven toolholders useful for various angulation ($\pm 90^\circ$) milling and drilling machining



Nuovi Cambi rapidi New Quick modular change

Il cambio rapido dell'utensile permette di ridurre i tempi morti della macchina. Tempi di installazione ridotti e possibilità di presetting a bordo macchina.

The quick change of preset tools shortens downtime of machine. Reduced set-up times and offline tool presetting possibility.