



DRIVEN TOOLING

**UPGRADE YOUR LATHE &
BOOST PRODUCTIVITY!**

BMT & VDI Driven Tools for all
major machine makes & models

ALSO INCLUDED

Gear Hobbing Systems
Multiple Toolholders
CNC Broaching Units
QuickFlex Quick Change Systems

**SPECIAL
DISCOUNTS
INSIDE**

WTO
Higher Productivity



Expert Technical Support
Available 5 days a week

CUTWEL.CO.UK











































SALES@CUTWEL.NET

03330 389849

BMT

COMPATIBLE WITH DOOSAN / DN SOLUTIONS / HARDINGE / SAMSUNG /
SMEC / HWACHEON / HYUNDAI WIA / VICTOR / HAAS / SPINNER

BMT 65 ALSO COMPATIBLE WITH HAAS LATHES!

	Type	BMT		ER	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Axial	45		25	57.2	35	8,000	99.DS.A03	£769	£693
	Axial	45	 	25	57.2	35	8,000	99.DS.A04	£835	£752
	Axial	55		25	57.2	40	8,000	99.DS.A01	£826	£744
	Axial	55	 	25	57.2	40	8,000	99.DS.A02	£898	£808
	Axial	65 HAAS READY!		32	72.5	70	6,000	99.DS.A41	£955	£860
	Axial	65 HAAS READY!	 	32	72.5	70	6,000	99.DS.A42	£1,074	£966
	Axial	75		40	90.2	100	6,000	99.DS.A34	£1,146	£1,031
	Axial	75	 	40	90.2	100	6,000	99.DS.A35	£1,283	£1,155
	Radial	45		25	65	35	8,000	99.DS.A07C	£1,353	£1,218
	Radial	45	 	25	65	35	8,000	99.DS.A08C	£1,617	£1,455
	Radial	55		25	70	40	8,000	99.DS.A11C	£1,470	£1,323
	Radial	55	 	25	70	40	8,000	99.DS.A12C	£1,742	£1,568
	Radial	65 HAAS READY!		32	72	70	6,000	99.DS.A51C	£1,485	£1,337
	Radial	65 HAAS READY!	 	32	72	70	6,000	99.DS.A52C	£1,878	£1,690
	Radial	65 HAAS READY!		32	100	70	6,000	99.DS.A73C	£2,119	£1,907
	Radial	65 HAAS READY!	 	32	100	70	6,000	99.DS.A74C	£2,017	£1,815
	Radial	75		40	60	100	6,000	99.DS.A38C	£2,430	£2,187
	Radial	75	 	40	60	100	6,000	99.DS.A39C	£2,842	£2,558
	Adj ±90°	45		20	65	15	8,000	99.DS.A16	£3,576	£3,218
	Adj ±90°	45	 	20	65	15	8,000	99.DS.A17	£4,310	£3,879
	Adj ±90°	55		20	65	15	8,000	99.DS.A23	£3,576	£3,218
	Adj ±90°	55	 	20	65	15	8,000	99.DS.A66	£4,310	£3,879
	Adj ±90°	65 HAAS READY!		25	75	25	6,000	99.DS.A64	£3,943	£3,549
	Adj ±90°	65 HAAS READY!	 	25	75	25	6,000	99.DS.A65	£4,768	£4,291
	Adj ±90°	75		25	75	25	6,000	99.DS.A47	£3,943	£3,549
	Adj ±90°	75	 	25	75	25	6,000	99.DS.A48	£4,768	£4,291



























DMGMORI

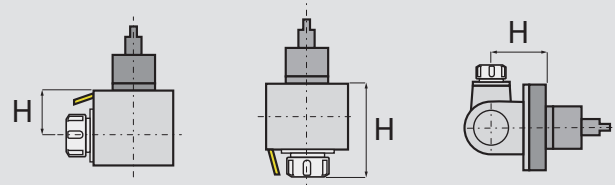
SL/ZL 150, 153, 154 (MC / SMC / Y / SY)

DL 15, 150 (MC)

NLX 1500 - 2000 - 2500 - 3000 12 Positions

NZ 1500 - 2000 - 3100 - 3150 - 3200 16 Positions

Type			ER	H Max	Nm	RPM	Order Code	List Price	Offer Price	
	Axial	SL/ZL DL		32	55.5 +60	70	6,000	99.MS.A28	£1,226	£1,104
	Axial			32	55.5 +60	70	6,000	99.MS.A29	£1,612	£1,451
	Radial	SL/ZL DL		32	55	70	6,000	99.MS.A33	£1,928	£1,735
	Radial			32	55	70	6,000	99.MS.A34	£2,313	£2,082
	Axial	NLX		32	89.9	60	10,000	99.MS.A59	£1,008	£907
	Axial			40	92	60	10,000	99.MS.A62	£916	£825
	Axial			32	89.9	60	10,000	99.MS.A60	£1,375	£1,237
	Axial			40	92	60	10,000	99.MS.A63	£1,311	£1,180
	Radial	NLX		32	90	60	10,000	99.MS.A72	£2,452	£2,207
	Radial			40	90	60	10,000	99.MS.A76	£1,925	£1,733
	Radial			32	90	60	10,000	99.MS.A73	£2,745	£2,471
	Radial			40	90	60	10,000	99.MS.A77	£2,154	£1,939
	Axial	NZ		25	84.3	50	12,000	99.MS.A101	£962	£866
	Axial			32	89.2	50	12,000	99.MS.A103	£962	£866
	Axial			25	84.3	50	12,000	99.MS.A102	£1,356	£1,221
	Axial			32	89.2	50	12,000	99.MS.A104	£1,356	£1,221
	Radial	NZ		25	85	50	12,000	99.MS.A106	£1,925	£1,733
	Radial			32	85	50	12,000	99.MS.A108	£1,925	£1,733
	Radial			25	85	50	12,000	99.MS.A107	£2,154	£1,939
	Radial			32	85	50	12,000	99.MS.A109	£1,936	£1,743

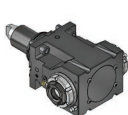


OTHER BMT DRIVEN TOOLS AVAILABLE

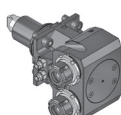
OFFSET



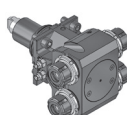
RADIAL DOUBLE



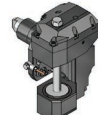
RADIAL DUO



RADIAL QUAD



GEAR HOBBING







AXIAL DUO



BROACHING

















 Int. Coolant  Direction of rotation same as machine spindle  Direction of rotation opposite to machine spindle  Both direction of rotation to machine spindle available

The torque value, expressed in Nm, is the maximum allowed. Prolonged use at this value can damage the driven tool; for longer life and less wear, it is recommended to keep it below this limit.

DIN 5480

VDI - DIN69880









*Please specify left or right orientation when ordering

	Type	VDI		ER	H	Nm	RPM	Order Code	List Price	Offer Price
	Axial	30		25	66	32	6.000	99.ST.8003	£714	£643
	Axial	30		25	66	32	6.000	99.ST.8011	£898	£808
	Axial	40		32	95	63	6.000	99.ST.8005	£898	£808
	Axial	40		32	95	63	6.000	99.ST.8013	£1,105	£994
	Radial	30		25	55	32	6.000	99.ST.8030	£1,467	£1,320
	Radial	30		25	55	32	6.000	99.ST.8038	£1,677	£1,510
	Radial	30		25	85	32	6.000	99.ST.8031	£1,851	£1,666
	Radial	30		25	100	32	6.000	99.ST.8032	£1,886	£1,697
	Radial	30		25	85	32	6.000	99.ST.8039	£2,111	£1,900
	Radial	30		25	100	32	6.000	99.ST.8040	£2,553	£2,298
	Radial	40		32	100	63	6.000	99.ST.8033	£1,805	£1,624
	Radial	40		32	100	63	6.000	99.ST.8041	£2,109	£1,898

DIN 5482








VDI - DIN69880

*Please specify left or right orientation when ordering

Type VDI								ER	H	Nm	RPM	Order Code	List Price	Offer Price
	Axial	30		25	94	32	6,000	99.ST.8201	£714	£643				
	Axial	30		25	94	32	6,000	99.ST.8207	£898	£808				
	Axial	40		32	115	63	5,000	99.ST.8203	£825	£742				
	Axial	40		32	115	63	5,000	99.ST.8208	£1,035	£932				
	Radial	30		25	55	32	6,000	99.ST.8217	£1,329	£1,196				
	Radial	30		25	55	32	6,000	99.ST.8223	£1,558	£1,402				
	Radial	40		32	100	63	5,000	99.ST.8220	£1,558	£1,402				
	Radial	40		32	100	63	5,000	99.ST.8226	£1,833	£1,650				

BARUFFALDI VDI - DIN69880












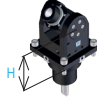

*Please specify left or right orientation when ordering

	Type	VDI		ER	H	Nm	RPM	Order Code	List Price	Offer Price
	Axial	30		25	94	32	6,000	99.BF.0003	£821	£739
	Axial	30		25	94	32	6,000	99.BF.0010	£1,094	£985
	Axial	40		32	117	63	5,000	99.BF.0005	£990	£891
	Axial	40		32	115	63	5,000	99.BF.0011	£1,276	£1,148
	Radial	30		25	55	32	6,000	99.BF.0021	£1,375	£1,237
	Radial	30		25	55	32	6,000	99.BF.0027	£1,604	£1,444
	Radial	40		32	100	63	5,000	99.BF.0024	£1,557	£1,402
	Radial	40		32	100	63	5,000	99.BF.0030	£1,879	£1,691

BIGLIA

NICKEL PLATING SOLID BODY









BMT55: B301 / 445 / 455 / 470 / 501 (Y-S) 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765 / B750 / 1250 16 STATIONS

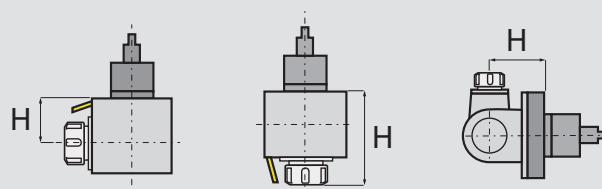
	Type	BMT		ER	H	Nm	RPM	Order Code	List Price	Offer Price
	Axial	55		25	70	47	6,000	99.BG.A01	£736	£662
	Axial	55		32	70	47	6,000	99.BG.A02	£641	£577
	Axial	55		32	70	47	6,000	99.BG.A03	£1,018	£916
	Radial	55		25	70	47	6,000	99.BG.A05	£1,378	£1,241
	Radial	55		32	70	47	6,000	99.BG.A06	£1,146	£1,031
	Radial	55		32	70	47	6,000	99.BG.A07	£1,512	£1,361
	Radial	55		25	100	47	6,000	99.BG.A08	£1,550	£1,395
	Radial	55		32	100	47	6,000	99.BG.A09	£1,283	£1,155
	Radial	55		32	100	47	6,000	99.BG.A10	£1,512	£1,361
	Adj ±90°	55		16	60	16	6,000	99.BG.A15	£3,178	£2,860
	Adj ±90°	55		20	60	16	6,000	99.BG.A16	£3,178	£2,860

DIN 1809

VDI - DIN69880

*Please specify left or right orientation when ordering

								Order Code	List Price	Offer Price
Type	VDI		ER	H	Nm	RPM				
	Axial	30		25	94	32	6,000	99.DP.0903	£714	£643
	Axial	30		25	94	32	6,000	99.DP.0910	£898	£808
	Axial	40		32	115	63	5,000	99.DP.0905	£806	£726
	Axial	40		32	115	63	5,000	99.DP.0911	£1,035	£932
	Radial	30		25	55	32	6,000	99.DP.0919	£1,329	£1,196
	Radial	30		25	55	32	6,000	99.DP.0925	£1,558	£1,402
	Radial	40		32	100	63	5,000	99.DP.0922	£1,558	£1,402
	Radial	40		32	100	63	5,000	99.DP.0928	£1,833	£1,650



DIN 69880

DMG MORI

Mazak

LOKUMA





BMT

Bolt Mounted Turret



Nakamura-Tome

PTW
TSUGAMI CORPORATION

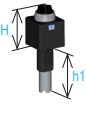
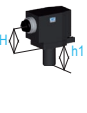

 Int. Coolant  Direction of rotation same as machine spindle  Direction of rotation opposite to machine spindle  Both direction of rotation to machine spindle available

The torque value, expressed in Nm, is the maximum allowed. Prolonged use at this value can damage the driven tool; for longer life and less wear, it is recommended to keep it below this limit.

HAAS VDI40





* Interchangeable PTO for various Haas turret types

	Type	ER	H Max	h1	Nm	RPM	Order Code	List Price	Offer Price
	Axial	32	75	117.5	63	6,000	99.HA.590082	£549	£494
	Axial	32	75	117.5	63	6,000	99.HA.590082B	£825	£742
	Axial	32	75	104.8	63	6,000	99.HA.590083	£687	£618
	Axial	32	75	104.8	63	6,000	99.HA.590083B	£825	£742
	Axial	32	75	130.25	63	6,000	99.HA.596352	£687	£618
	Axial	32	75	130.25	63	6,000	99.HA.596352B	£825	£742
	Radial	32	75	117.5	63	6,000	99.HA.590084	£1,237	£1,114
	Radial	32	75	117.5	63	6,000	99.HA.590084B	£1,558	£1,402
	Radial	32	75	104.8	63	6,000	99.HA.590085	£1,237	£1,114
	Radial	32	75	104.8	63	6,000	99.HA.590085B	£1,558	£1,402
	Radial	32	75	130.25	63	6,000	99.HA.596353	£1,237	£1,114
	Radial	32	75	130.5	63	6,000	99.HA.596353B	£1,558	£1,402


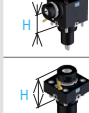
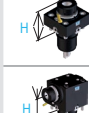

NAKAMURA-TOME

BMT55 SUPER NTJX/NTM 3/TMC 18/ TW10/
SC150-250/WT150-250/WTW 150/WTS 150/WT100

	Type	BMT VDI	ER	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Axial	44	25	57.2	40	6,000	99.NK.A40	£733	£660
	Axial	44	25	57.2	40	6,000	99.NK.A43	£825	£742
	Axial	55	32	72.2	63	6,000	99.NK.A03	£779	£701
	Axial	55	32	72.2	63	6,000	99.NK.A04	£1,191	£1,072
	Radial	44	25	60	40	6,000	99.NK.A50	£1,486	£1,337
	Radial	44	25	60	40	6,000	99.NK.A53	£1,558	£1,402
	Radial	55	32	55	63	6,000	99.NK.A13	£1,421	£1,279
	Radial	55	32	55	63	6,000	99.NK.A14	£1,925	£1,733



OKUMA

BMT60: SPACE TURN LB 200EX/LB 2500EX/LB3000EX/GENOS SERIES
L300-MW/ MULTUS U3000/U4000/LU3000EX M/MY
VDI40: OKUMA CAPTAIN L370 M - ES L10 M - GENOS L300, L3000-E M/MY
(VDI40) LB 300 MW - LB/LU 300 MY - LB/LU 300, 3000 M (VDI40)

	Type	BMT VDI	ER	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Axial	60	32	79	60	6,000	99.OK.A80	£1,191	£1,072
	Axial	60	32	79	60	6,000	99.OK.A81	£1,467	£1,320
	Radial	60	32	70	60	6,000	99.OK.A82	£2,109	£1,898
	Radial	60	32	70	60	6,000	99.OK.A83	£2,521	£2,269
	Axial	40	32	98.6	70	6,000	99.OK.A18	£1,375	£1,237
	Axial	40	32	98.6	70	6,000	99.OK.A23	£2,046	£1,841
	Radial	40	32	70	60	6,000	99.OK.A19	£2,799	£2,519
	Radial	40	32	70	60	6,000	99.OK.A25	£3,445	£3,100



TAKISAWA TAIWAN

BMT60 EX 380 / 310 / 508 / 510 / 708 / 710 / 910 - EX 2000 MY - TC 350
MC - TT 350 MC - NEX 108/110/908/910 - LA 200/250 MY - LA 250 YS
(15 Stations) - FX 800 - MX 800 - VTL 450 M - LX 2500 MY

	Type	BMT	ER	H	Nm	RPM	Order Code	List Price	Offer Price
	Axial	60	32	93	50	6,000	99.TK.A12	£1,244	£1,120
	Axial	60	32	93	50	6,000	99.TK.A13	£1,836	£1,653
	Radial	60	32	90	50	6,000	99.TK.A02	£2,605	£2,344

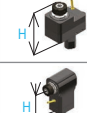
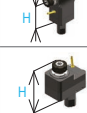
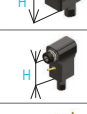
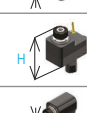


TSUGAMI

BMT 65: M06D / M06SD / M06SY / M08SD / M08SY

	Type	BMT	ER	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Axial	65	25	60	40	8,000	99.TS.A01	£1,429	£1,286
	Axial	65	32	60	40	8,000	99.TS.A03	£1,429	£1,286
	Axial	65	25	60	40	8,000	99.TS.A02	£1,964	£1,767
	Axial	65	32	60	40	8,000	99.TS.A04	£1,964	£1,767
	Radial	65	25	65	40	8,000	99.TS.A08	£1,788	£1,609
	Radial	65	32	65	40	8,000	99.TS.A10	£2,319	£2,088
	Radial	65	25	65	40	8,000	99.TS.A09	£2,246	£2,022
	Radial	65	32	65	40	8,000	99.TS.A11	£2,854	£2,569



MAZAK

QTN3 QUICK TURN NEXUS QTN 300 / 350 / 400 / 450 - SQT 28 / 30 - 300 - QTN2
12 Positions QUICK TURN NEXUS QTN 200 / 250 SUPER QUADREX TURN SQT
15/16 - 200 / 250 - SMART QTS1 - BMT68 QUICK TURN SMART QTS 100M / 200M
QT COMPACT 100M - 200M - 300M

	Type	ER	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Off. Axis	40	145	100	4,000	99.MZ.A71	£2,843	£2,559
	Off. Axis	40	145	100	4,000	99.MZ.A72	£3,027	£2,724
	Radial	40	160	100	4,000	99.MZ.A75	£2,935	£2,641
	Radial	40	160	100	4,000	99.MZ.A81	£3,302	£2,972
	Off. Axis	32	120	80	6,000	99.MZ.A58	£1,389	£1,250
	Off. Axis	32	120	80	6,000	99.MZ.A59	£1,926	£1,733
	Radial	32	120	80	6,000	99.MZ.A65	£1,502	£1,351
	Radial	32	120	80	6,000	99.MZ.A66	£1,788	£1,609
	Axial	32	70	60	6,000	99.MZ.A03	£1,313	£1,181
	Axial	32	70	60	6,000	99.MZ.A06	£1,971	£1,774
	Radial	32	80	60	6,000	99.MZ.A09	£2,068	£1,861
	Radial	32	80	60	6,000	99.MZ.A10	£2,384	£2,145

MIYANO

Ø 45: WT100 - TW1
Ø 54: WT100 - TW1

	Type	ER	Ø	H Max	Nm	RPM	Order Code	List Price	Offer Price
	Axial	25	45	57.6	35	6,000	99.MY.A02	£689	£620
	Axial	25	45	57.6	35	6,000	99.MY.A03	£825	£742
	Axial	32	54	79.4	60	6,000	99.MY.A09	£779	£701
	Axial	32	54	79.4	60	6,000	99.MY.A10	£870	£783
	Radial	25	45	65	35	6,000	99.MY.A05	£1,146	£1,031
	Radial	25	45	65	35	6,000	99.MY.A06	£1,512	£1,361
	Radial	32	54	75	60	6,000	99.MY.A11	£1,395	£1,255
	Radial	32	54	75	60	6,000	99.MY.A12	£1,696	£1,526

The torque value, expressed in Nm, is the maximum allowed. Prolonged use at this value can damage the driven tool; for longer life and less wear, it is recommended to keep it below this limit.

- Int. Coolant
- Direction of rotation same as machine spindle
- Direction of rotation opposite to machine spindle
- Both direction of rotation to machine spindle available

WTO

QUICKFLEX

The perfect combination: ER collet chuck & quick change system in one tool holder.

WTO, the global leader in CNC lathe static and driven tool holders, is renowned for exceptional quality and performance. Most WTO driven tools feature the modular QuickFlex quick-change output, compatible with a wide range of adapters or an ER collet.

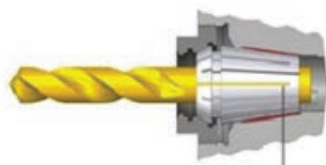
- ✓ 1st choice for precision, production or demanding machining
- ✓ Modular quick-change system
- ✓ Can be used without adapters
- ✓ Safe and easy 1-hand adapter change
- ✓ Adapters feature a polygon drive to prevent tool slippage under high torque machining
- ✓ 5 microns run-out max at 30mm tool length
- ✓ Available for all main machine tool brands and turrets



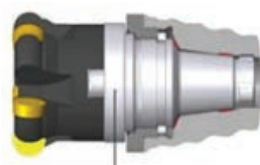
Available with industry 4.0 integration



Safe tool change with 1-hand wrench system

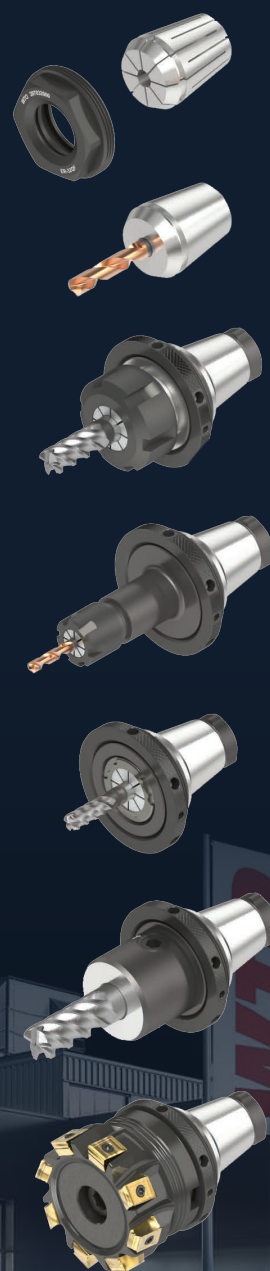


Use with just ER collet



or with quick change adapter

SPEAK TO OUR EXPERT TECHNICAL TEAM 01924 869615



GEAR HOBBLING SYSTEMS

For CNC lathes.

WTO CNC gear hobbing units for high productive manufacturing of gears with CNC lathes. The gear hobbing unit offers high stiffness and run-out accuracy.

- ✓ High flexibility due to interchangeable milling arbors for different cutting tools
- ✓ Angular adjustment +/- 30 degrees
- ✓ Easy cutting tool change through removable counter support and withdrawal of the complete milling arbor
- ✓ Cutting tools can be pre-set
- ✓ Suitable for producing splines, spur gears, helical gears
- ✓ Available with sine bar for accurate angular adjustment



Gear Hobbing Unit Type 1

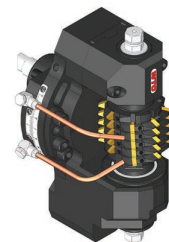
Max. Cutting Tool Size	Ø50 x 50mm	Ø50 x 50mm
Ratio i (n1:n2)	1:1	2:1
Max. RPM (n2)	6,000	3,000
Max. Torque M	30 Nm	50 Nm
Max. Scale Swing	+30°	+30°

Available with a collet system for smaller hobs (13mm bore)



Gear Hobbing Unit Type 2

Max. Cutting Tool Size	Ø80 x 80mm	Ø80 x 80mm
Ratio i (n1:n2)	1:1	2:1
Max. RPM (n2)	6,000	3,000
Max. Torque M	60 Nm	80 Nm
Max. Scale Swing	+30°	+30°



Gear Hobbing Unit Type 3

Max. Cutting Tool Size	Ø100 x 90mm
Ratio i (n1:n2)	2:1
Max. RPM (n2)	3,000
Max. Torque M	150 Nm
Max. Scale Swing	+30°

SPEAK TO OUR EXPERT TECHNICAL TEAM 01924 869615

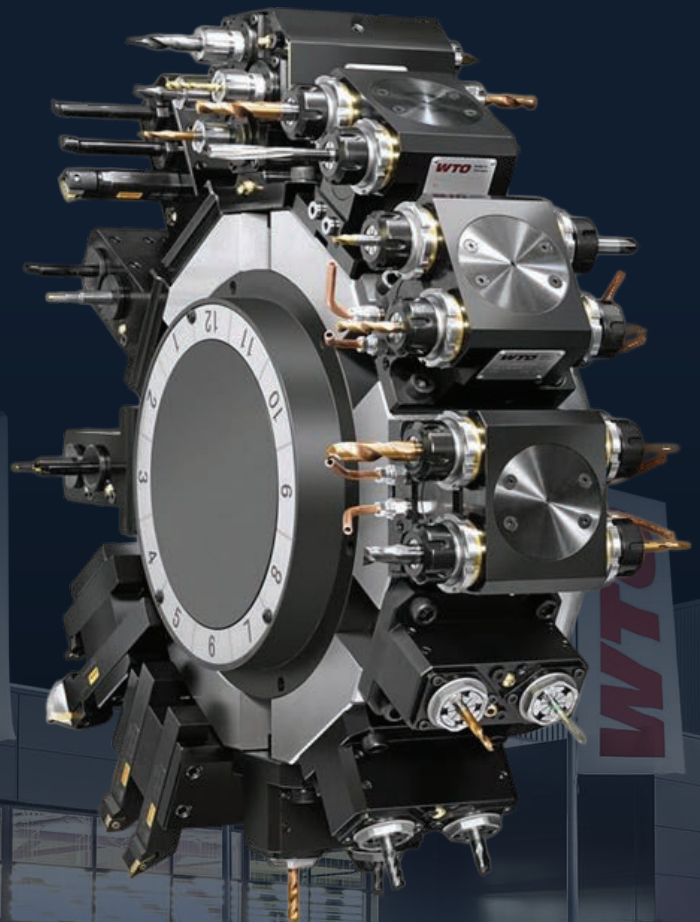
MULTIPLE TOOL HOLDERS

Driven or static tool holders.

Multi-spindle and Y-Axis CNC lathes have the capabilities of producing exceptionally complex parts, however most turrets are limited to just 12 or 16 tool holders.

This also means a lot of time can be wasted changing tools on the lathe to set new jobs. Both of these issues can be solved by using tool holders with multiple cutting tool stations, enabling double, triple, quadruple or even up to 8 tools per station.

- ✓ Driven or static tool holders
- ✓ For Y-Axis or Sub-Spindle CNC lathes
- ✓ Up to 8 tools per turret location, depending on lathe model
- ✓ Made in Germany



SPEAK TO OUR EXPERT TECHNICAL TEAM 01924 869615

CNC BROACHING UNITS

Broaching system for CNC lathes.

WTO CNC broaching units offer cost-effective manufacturing of a wide variety of shapes and profiles including gears, splines, keyways, hexagon and torx. Compared to the BENZ units, they have a more compact design and are available for wider range of CNC lathes (especially smaller models).

- ✓ Low investment costs: no need for a separate broaching machine
- ✓ Reduced set-up times and costs
- ✓ Fast machining, up to 1,000 stroke per min
- ✓ Low impact on lathe turret
- ✓ Suitable for internal or external machining
- ✓ Usable stroke 32 or 52mm
- ✓ Available with 1:1 (standard) or 2:1 (high torque) output ratio
- ✓ Max insert width 12mm



Broaching Unit - OD Mounted

Available in 32/52mm usable stroke
1:1 or 2:1 ratio high torque model



Broaching Unit - Face Mounted

Available in 32/52mm usable
stroke 1:1 ratio

SPEAK TO OUR EXPERT TECHNICAL TEAM 01924 869615