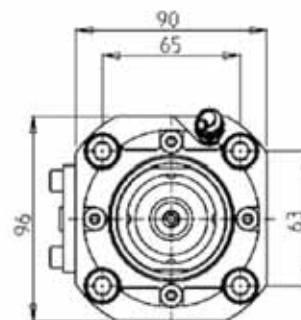
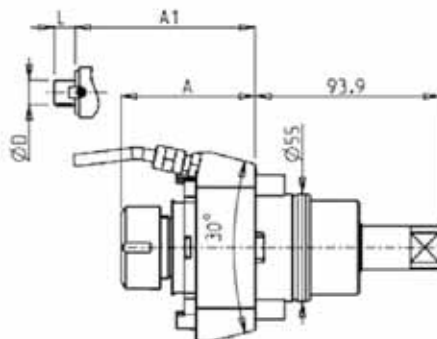


DRIVEN TOOLING
For
EUROTECH
(BIGLIA)

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

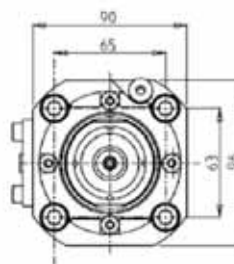
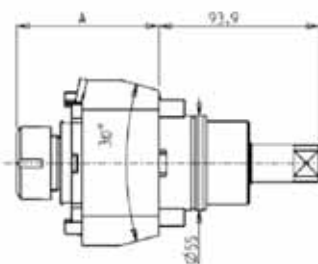
RADIAL DRIVEN TOOL



PartNumber	Description	Spindle	I	RPM	Coolant Thru	Ext. Coolant	A	A1	D	L
BGL0230125	ER25 Standard	ER25	1:1	6000		X	68.16			
BGL0230132	ER32 Standard	ER32	1:1	6000		X	71.16			
BGL0230225	ER25 Coolant Thru*	ER25	1:1	6000	X	X	76.16			
BGL0230516	Milling Arbor 16mm x 17mm	16x17	1:1	6000		X		45	16	17
BGL0230232	ER32 Coolant Thru*	ER32	1:1	6000	X	X	79.16			
BGL0230522	Milling Arbor 22mm x 19mm	22x19	1:1	6000		X		45	22	19
BGL0230527	Milling Arbor 27mm x 21mm	27x21	1:1	6000		X		47.5	27	21

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

RADIAL DRIVEN TOOL COOLANT THRU



PartNumber	Description	Spindle	I	Coolant Thru	Ext. Coolant	A
BGL0290125	Radial Driven ER25 Coolant Thru*	ER25	1:1	X	X	83.16
BGL0290132	Radial Driven ER32 Coolant Thru*	ER32	1:1	X	X	86.16

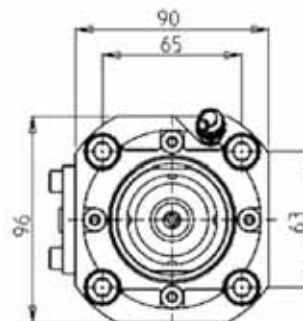
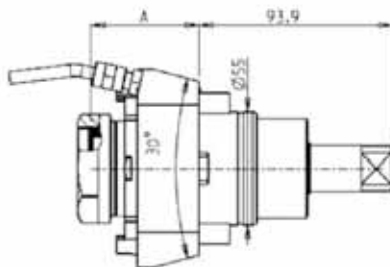
* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

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DRIVEN

RADIAL MTSK DRIVEN TOOL

See Accessories for MTSK Clamping Units



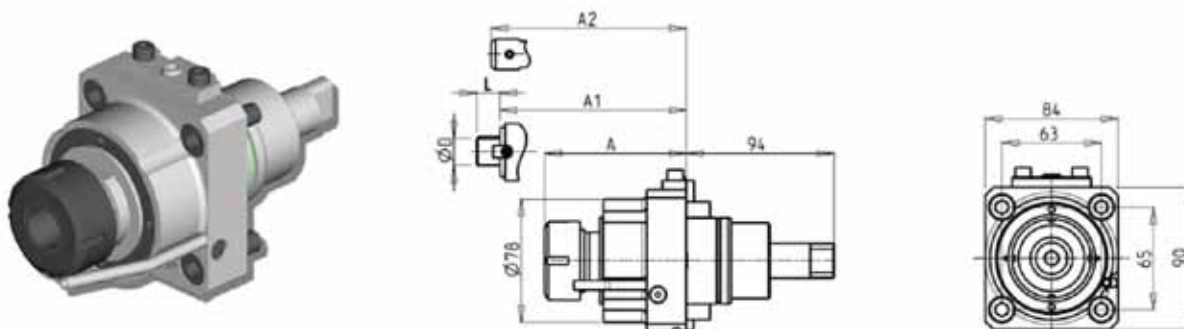
PartNumber	Description	Spindle	RPM	Coolant Thru	Ext. Coolant	A
BGL0160140	Radial MTSK40 Driven Tool	1:1	6000		X	52.5
BGL0160240	Radial MTSK40 Driven Tool Coolant Thru*	1:1	6000	X	X	60.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

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DRIVEN

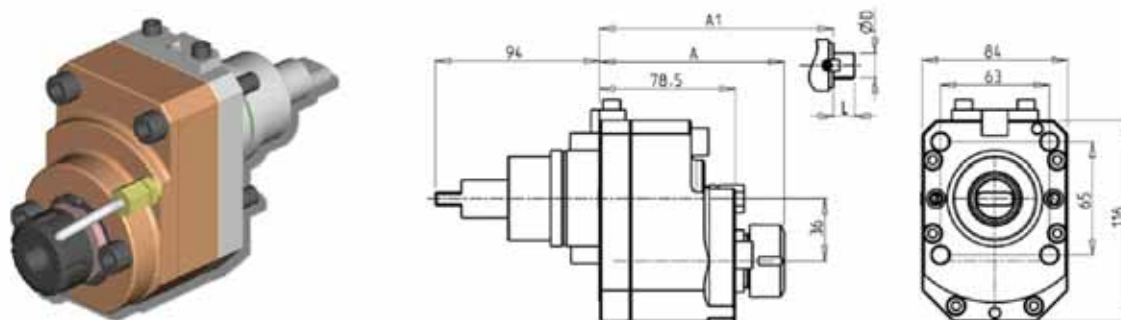
RADIAL REINFORCED DRIVEN TOOL



PartNumber	Description	Spindle	I	RPM	Coolant Thru	Ext Coolant	A	A1	A2	D	L
0380525	ER25 Standard Heavy Duty	ER25	1:1	6000		X	89.16				
0380532	ER32 Standard Heavy Duty	ER32	1:1	6000		X	89.66				
0380640	ER40 Standard Heavy Duty	ER40	1:1	6000		X	93.66				
0381132	ER32 Coolant Thru* Heavy Duty	ER32	1:1	6000	X		89.66				
0381440	ER40 Coolant Thru* Heavy Duty	ER40	1:1	6000	X		93.66				
0381617	Milling Arbor 16x17 Heavy Duty	16x17	1:1	6000		X		64.5		16	17
0382219	Milling Arbor 22x19 Heavy Duty	22x19	1:1	6000		X		64.5		22	19
0382240	Milling Arbor 22x40 Heavy Duty	22x40	1:1	6000		X		64.5		22	40
0382721	Milling Arbor 27x21 Heavy Duty	27x21	1:1	6000		X		64.5		27	21
0381008	Weldon 8 Heavy Duty	Weldon 8	1:1	6000		X			76.5		
0381020	Weldon 20 Heavy Duty	Weldon 20	1:1	6000		X			87		

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

RADIAL DRIVEN TOOL RE-DIRECTED IN Z BY 36mm

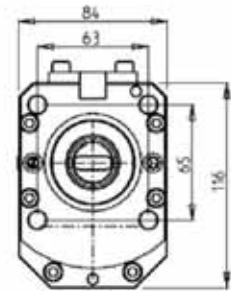
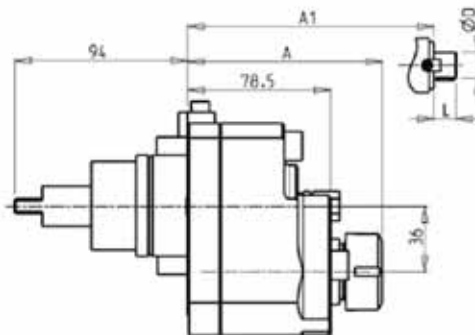


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A	A1	D	L
0490025	ER25 Redirected by 36mm	X	ER25	1:1	6000	X	106.86			
0490032	ER32 Redirected by 36mm	X	ER32	1:1	6000	X	120.56			
0491617	Milling Arbor D=16mm, L=17mm	X	16x17	1:1	6000	X		88.5	16	17
0492219	Milling Arbor D=22mm, L=19mm	X	22x19	1:1	6000	X		90.5	22	19
0492721	Milling Arbor D=27mm, L=21mm	X	22x40	1:1	6000	X		92.5	27	21

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

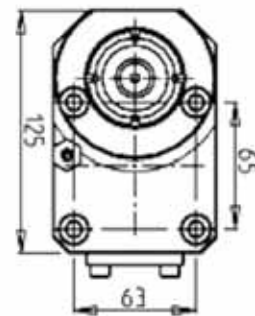
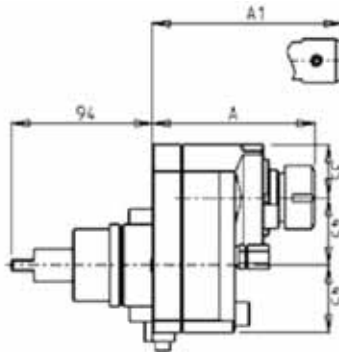
DRIVEN

GEARED DOWN RADIAL DRIVEN TOOL RE-DIRECTED IN Z BY 36mm



PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A	A1	D	L
0260025	Geared Down 1:2 ER25 Redirected by 36mm	X	ER25	2:1	3000	X	106.86			
0260032	Geared Down 1:2 ER32 Redirected by 36mm	X	ER32	2:1	3000	X	120.56			
0261617	Geared Down 1:2 Milling Arbor Redirect by 36mm, 16x17	X	16x17	2:1	3000	X		88.5	16	17
0262219	Geared Down 1:2 Milling Arbor Redirect by 36mm, 22x19	X	22x19	2:1	3000	X		90.5	22	19
0262721	Geared Down 1:2 Milling Arbor Redirected by 36mm, 27x21	X	27x21	2:1	3000	X		92.5	27	21

RADIAL GEARED-UP RE-DIRECTED DRIVEN TOOL IN Z BY 45mm

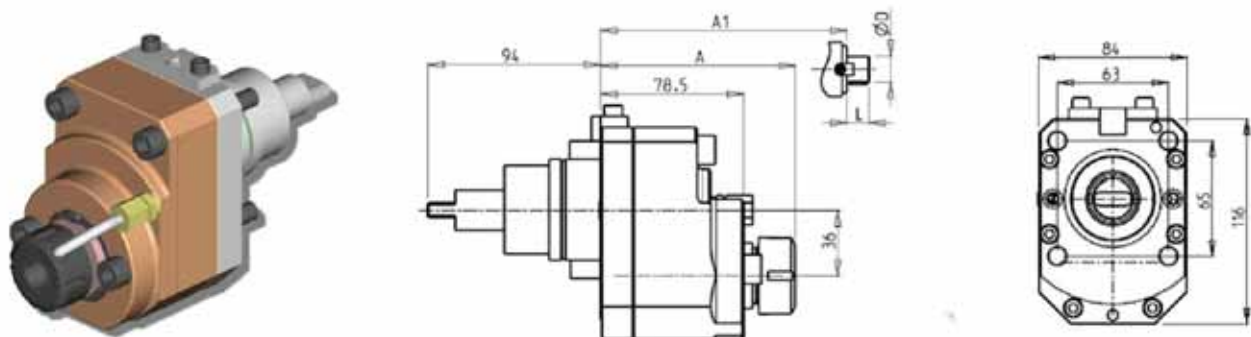


PartNumber	Description	Eurotech Ref	Spindle	I	RPM	Ext Coolant	A	A1
0130025	Geared-Up 1:2 ER25 Standard Re-Directed	T134-00026	ER25	1:2	12000	X	108.66	
0130032	Geared-Up 1:2 ER32 Standard Re-Directed		ER32	1:2	12000	X	121.16	
0131006	Geared-Up 1:2 Re-Directed: Weldon 6		Weldon 6	1:2	12000	X		107.5

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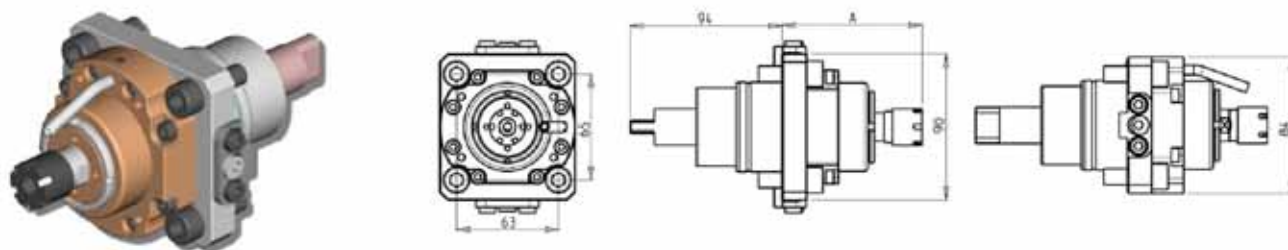
DRIVEN

RADIAL DRIVEN TOOL RE-DIRECTED BY 45mm in Y



PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A	A1	D	L
0690025	ER25 Re-Directed by 45mm in Y Axis	X	ER25	1:1	6000	X	107.36			
0691617	Milling Arbor 16x17	X	16x17	1:1	6000	X		89	16	17
0692219	Milling Arbor 22x19	X	22x19	1:1	6000	X		91	22	19
0692721	Milling Arbor 27x21	X	27x21	1:1	6000	X		93	27	21

RADIAL GEARED-UP DRIVEN TOOL 1:5.625



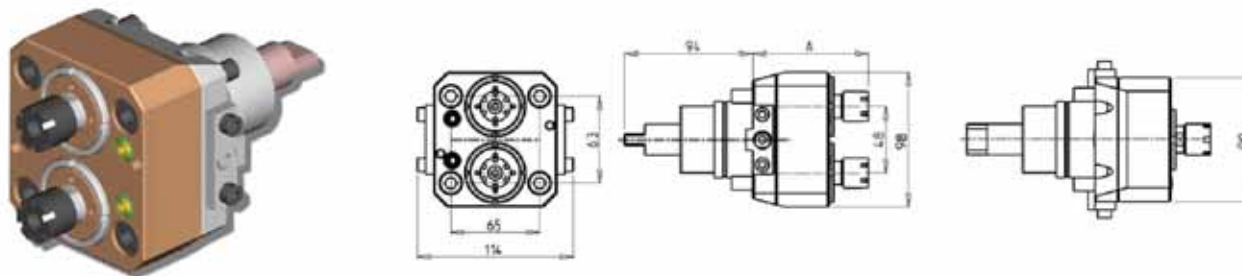
PartNumber	Description	Eurotech Ref	Spindle	I	RPM	Coolant Thru	Ext Coolant	A
0170011	Geared-Up 1:5.625 ER11 Coolant Thru *		ER11	1:5.625	22500	X	X	99
0170016_1	Geared-Up 1:5.625 ER16 Standard	T134-00078	ER16	1:5.625	22500		X	86.75

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

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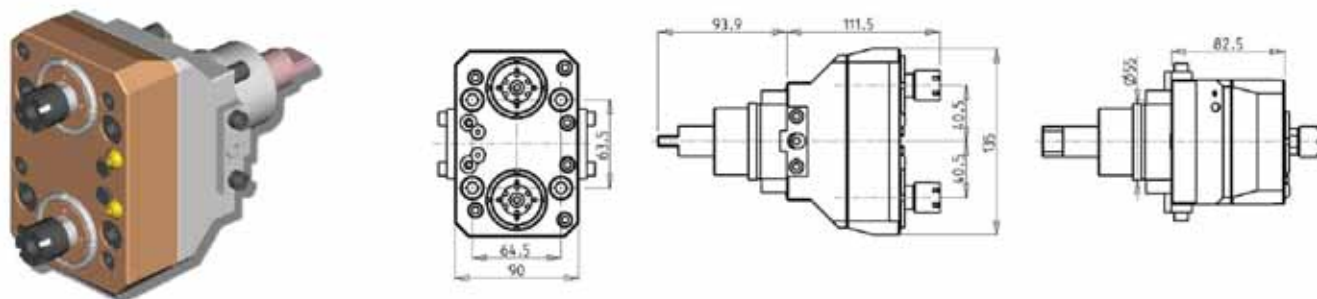
DRIVEN

RADIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL in Y



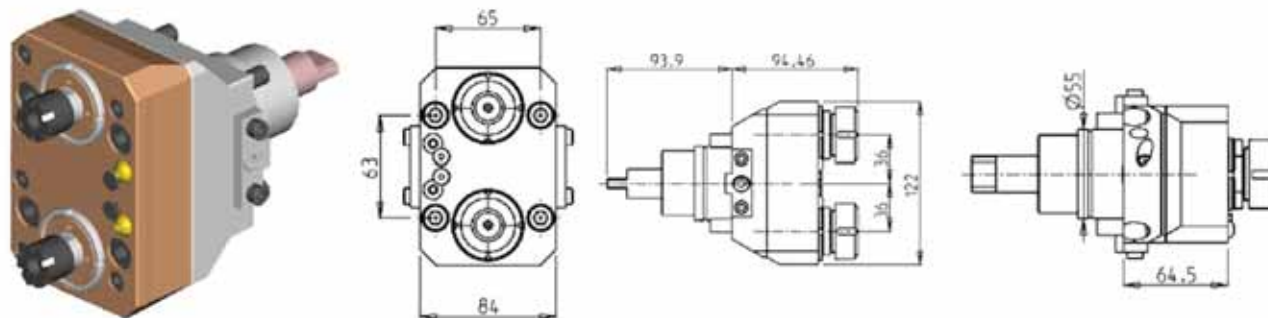
PartNumber	Description	Eurotech Ref	Spindle	I	RPM	Ext Coolant	A
0150016X2	Double Outlet ER16 Y Axis	41.32.30.00	ER16	1:1	6000	X	84.5
0150025X2	Double Outlet ER25 Y Axis		ER25	1:1	6000	X	85

RADIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL in Y 1:2



PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant
BGL0030216	Geared-up 1:2 Double Outlet ER16	X	ER16	1:2	12000	X

RADIAL GEARED-UP 1:2 SINGLE SIDE TWIN HEAD TOOL IN Y

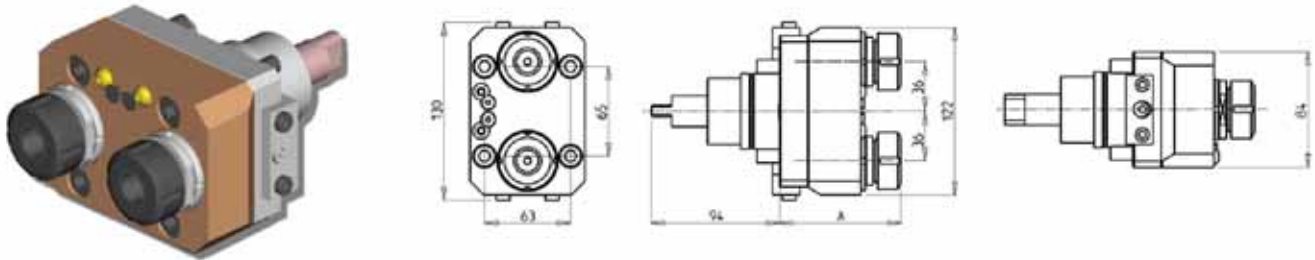


PartNumber	Description	Spindle	I	RPM	Ext. Coolant
BGL0140225	Radial Geared-Up 1:2 Single Side Twin Head in Y	ER25	1:2	12000	X

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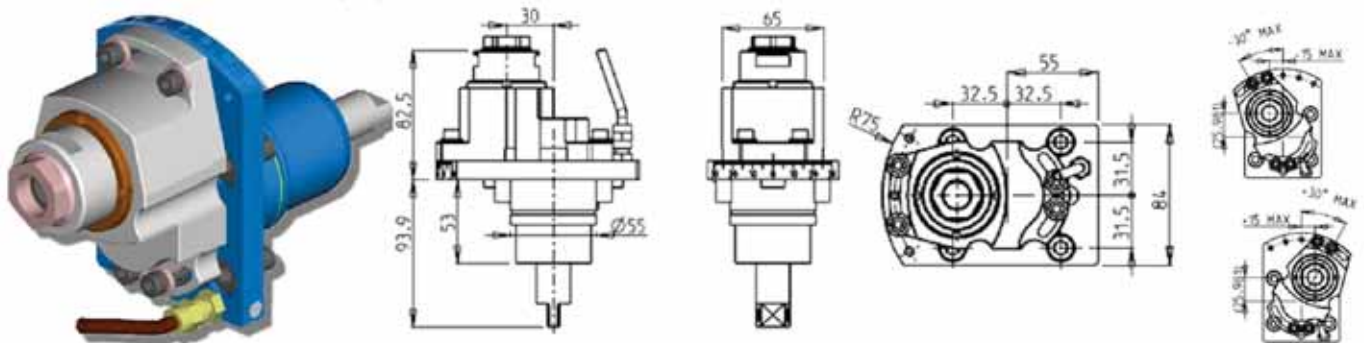
DRIVEN

RADIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL in Z 1:2



PartNumber	Description	Spindle	I	RPM	Ext Coolant	A
BGL0020225	Geared-up 1:2 Double Outlet ER25 Z Axis	ER25	1:2	12000	X	88.96

RADIAL +/- 30 DEGREE ADJUSTABLE ANGLE DRIVEN RE-DIRECTED TOOL

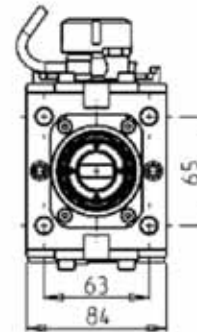
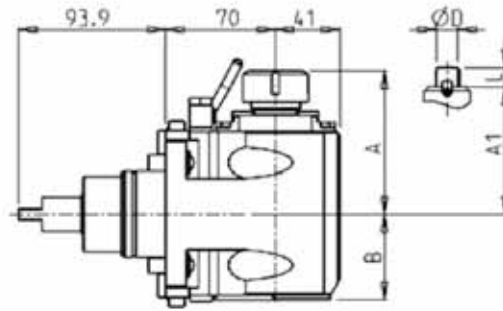


PartNumber	Description	Spindle	I	RPM	Ext. Coolant
BGL0121025	Radial +/-30 Degree Adj Angle Driven Re-Redirected	ERA25	1:1	6000	X

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DRIVEN

AXIAL DRIVEN TOOL H=70



PartNumber	Description	Spindle	I	RPM	Reversible	Coolant Thru	Ext. Coolant	A	A1	B
BGL0180125	Axial Driven Tool ER25	ER25	1:1	6000	X		X	91.16		54.5
BGL0180132	Axial Driven Tool ER32	ER32	1:1	6000	X		X	93.66		54.5
BGL0180140	Axial Driven Tool ER40	ER40	1:1	6000	X		X	98.16		54.5
BGL0180225	Axial Driven ER25 Coolant Thru*	ER25	1:1	6000	X	X	X	91.16		65.5
BGL0180232	Axial Driven ER32 Coolant Thru*	ER32	1:1	6000	X	X	X	93.66		65.5
BGL0180240	Axial Driven ER40 Coolant Thru*	ER40	1:1	6000	X	X	X	98.16		65.5
BGL0180516	Axial Milling Arbor 16x17	16x17	1:1	6000	X		X		67.5	54.5
BGL0180522	Axial Milling Arbor 22x19	22x19	1:1	6000	X		X		67.5	54.5
BGL0180527	Axial Milling Arbor 27x21	27x21	1:1	6000	X		X		70	54.5

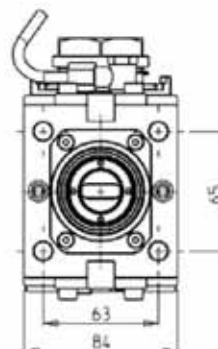
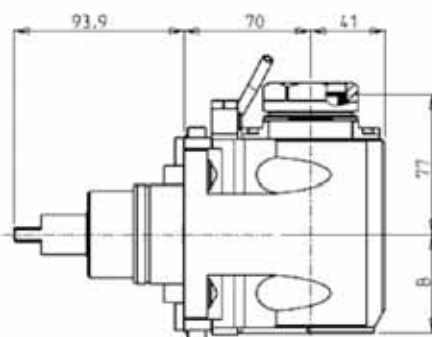
* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

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DRIVEN

AXIAL MTSK DRIVEN TOOL H=70

See Accessories for MTSK Clamping Units



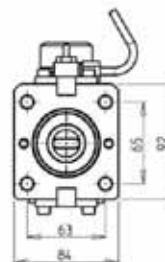
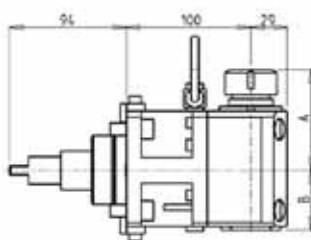
PartNumber	Description	Spindle	I	RPM	Reversible	Coolant Thru	Ext. Coolant	B
BGL0170140	Axial MTSK Driven Tool H=70	MTSK40	1:1	6000	X		X	54.5
BGL0170240	Axial MTSK Driven H=70 Coolant Thru*	MTSK40	1:1	6000	X	X	X	65.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL DRIVEN TOOL H=100

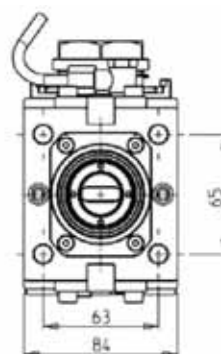
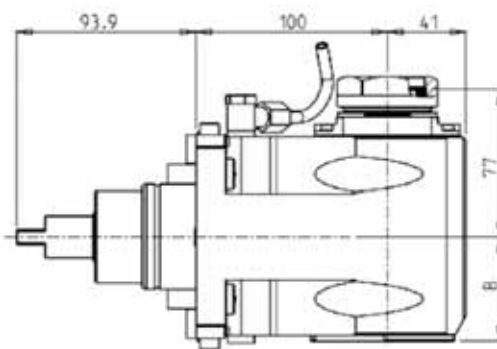


PartNumber	Description	Spindle	I	RPM	Reversible	Coolant Thru	Ext. Coolant	A	A1	B
BGL0210125	Axial Driven Tool ER25	ER25	1:1	6000	X		X	91.16		54.5
BGL0210132	Axial Driven Tool ER32	ER32	1:1	6000	X		X	93.66		54.5
BGL0210140	Axial Driven Tool ER40	ER40	1:1	6000	X		X	98.16		54.5
BGL0210225	Axial Driven ER25 Coolant Thru*	ER25	1:1	6000	X	X	X	91.16		65.5
BGL0210232	Axial Driven ER32 Coolant Thru*	ER32	1:1	6000	X	X	X	93.66		65.5
BGL0210240	Axial Driven ER40 Coolant Thru*	ER40	1:1	6000	X	X	X	98.16		65.5
BGL0210516	Axial Milling Arbor 16x17	16x17	1:1	6000	X		X		67.5	54.5
BGL0210522	Axial Milling Arbor 22x19	22x19	1:1	6000	X		X		67.5	54.5
BGL0210527	Axial Milling Arbor 27x21	27x21	1:1	6000	X		X		70	54.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

AXIAL MTSK DRIVEN TOOL H=100

See Accessories for MTSK Clamping Units



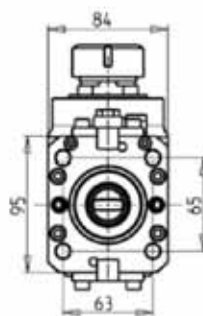
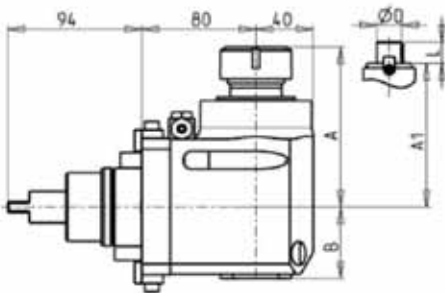
PartNumber	Description	Spindle	I	RPM	Reversible	Coolant Thru	Ext. Coolant	B
BGL0200140	Axial MTSK40 H=100	MTSK40	1:1	6000	X		X	54.5
BGL0200240	Axial MTSK40 H=100 Coolant Thru*	MTSK40	1:1	6000	X	X	X	65.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

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DRIVEN

AXIAL REINFORCED DRIVEN TOOL H=80mm



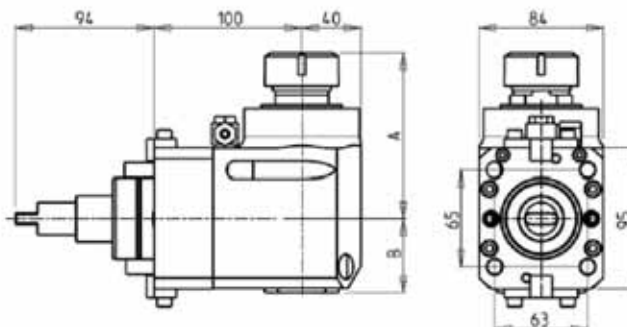
PartNumber	Description	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A	A1	B	D	L
0391432	ER32 Standard Heavy Duty	X	ER32	1:1	6000		X	111.56		50		
0391532	ERA32 Standard Heavy Duty	X	ERA32	1:1	6000		X	102.03		50		
0392640	ER40 Standard Heavy Duty	X	ER40	1:1	6000		X	115.16		50		
0391032	ER32 Coolant Thru* Heavy Duty	X	ER32	1:1	6000	X	X	111.56		72		
0392540	ER40 Coolant Thru* Heavy Duty	X	ER40	1:1	6000	X	X	115.16		72		
0391617	Milling Arbor 16x17 Heavy Duty	X	16x17	1:1	6000		X		86	50	16	17
0392219	Milling Arbor 22x19 Heavy Duty	X	22x19	1:1	6000		X		88	50	22	19
0392240	Milling Arbor 22x40 Heavy Duty	X	22x40	1:1	6000		X		86	50	22	40
0392721	Milling Arbor27x21 (For Polygon) Heavy Duty	X	27x21	1:1	6000		X		87.5	50	27	21
0392733	Milling Arbor 27x33 Heavy Duty	X	27x33	1:1	6000		X		87.5	50	27	33
0392750	Milling Arbor 27x50 Heavy Duty	X	27x50	1:1	6000		X		86	50	27	50

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL REINFORCED DRIVEN TOOL H=100



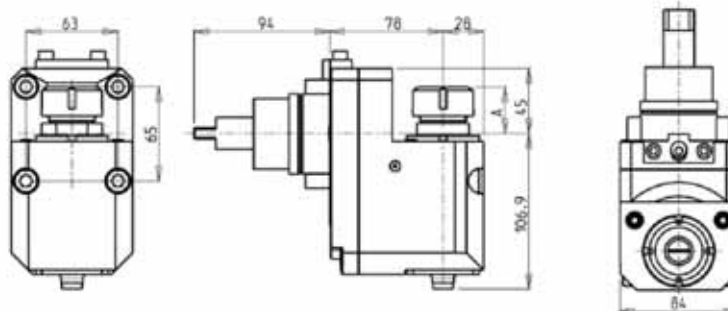
PartNumber	Description	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A	B
0391432L	ER32 Standard Heavy Duty H=100	X	ER32	1:1	6000		X	111.56	50
0391532L	ERA32 Standard Heavy Duty H=100	X	ERA32	1:1	6000		X	102.03	50
0392640L	ER40 Standard Heavy Duty H=100	X	ER40	1:1	6000		X	115.16	50
0391032L	ER32 Coolant Thru* Heavy Duty H=100	X	ER32	1:1	6000	X	X	111.56	72
0392540L	ER40 Coolant Thru* Heavy Duty H=100	X	ER40	1:1	6000	X	X	115.16	72

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

DRIVEN

AXIAL REAR-SET DRIVEN TOOL H=78mm

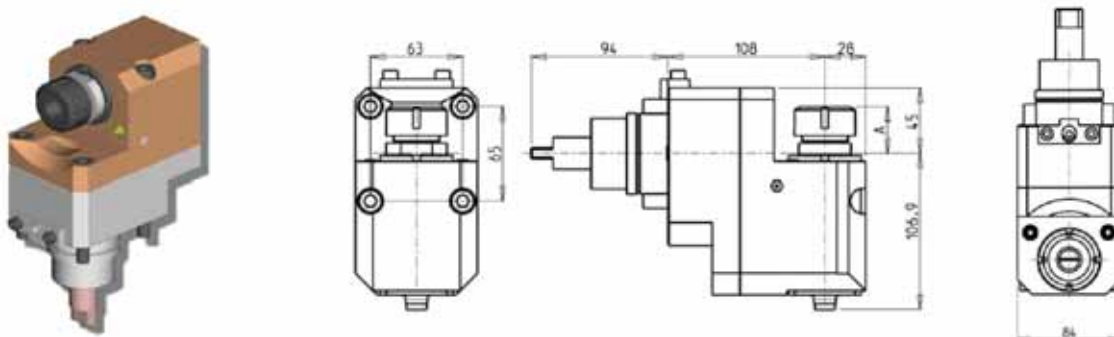


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A
0220025	ER25 Redirected	X	ER25	1:1	6000	X	30
0220032	ER32 Redirected	X	ER32	1:1	6000	X	39

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL REAR-SET DRIVEN TOOL H=108mm

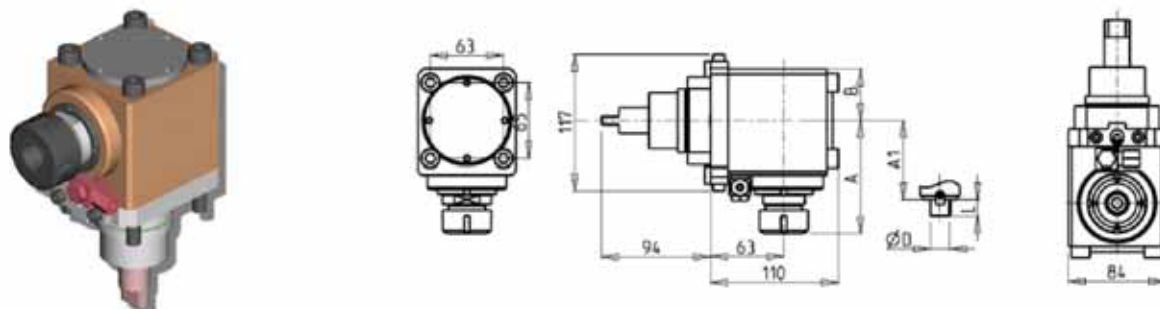


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A
0022025L	ER25 Redirected H=108	X	ER25	1:1	6000	X	30
0220032L	ER32 Redirected H=108	X	ER32	1:1	6000	X	39

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DRIVEN

GEARED-DOWN AXIAL DRIVEN TOOL 2:1



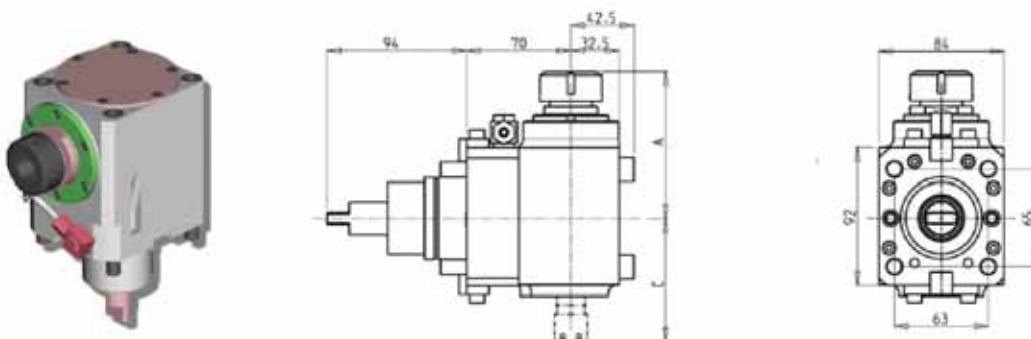
PartNumber	Description	Eurotech Ref	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A	A1	B	D	L
0110832	Geared Down 1:2 ER32	T134-00080	X	ER32	2:1	3000		X	98.56		44.5		
0111225	Geared Down 1:2 ER25 Coolant Thru*		X	ER25	2:1	3000	X		95		76.5		
0111332	Geared Down 1:2 ER32 Coolant Thru* T134-00075		X	ER32	2:1	3000	X		98.56		76.5		
0111617	Geared Down 1:2 Milling Arbor 16x17		X	16x17	2:1	3000		X		74	44.5	16	17
0112219	Geared Down 1:2 Milling Arbor 22x19		X	22x19	2:1	3000		X		74	44.5	22	19
0112240	Geared Down 1:2 Milling Arbor 22x40		X	22x40	2:1	3000		X		74	44.5	22	40
0112721	Geared Down 1:2 Milling Arbor 27x21		X	27x21	2:1	3000		X		74	44.5	27	21
0112733	Geared Down 1:2 Milling Arbor 27x33		X	27x33	2:1	3000		X		74	44.5	27	33

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

DRIVEN

GEARED-UP AXIAL DRIVEN TOOL 1:2 H=70mm



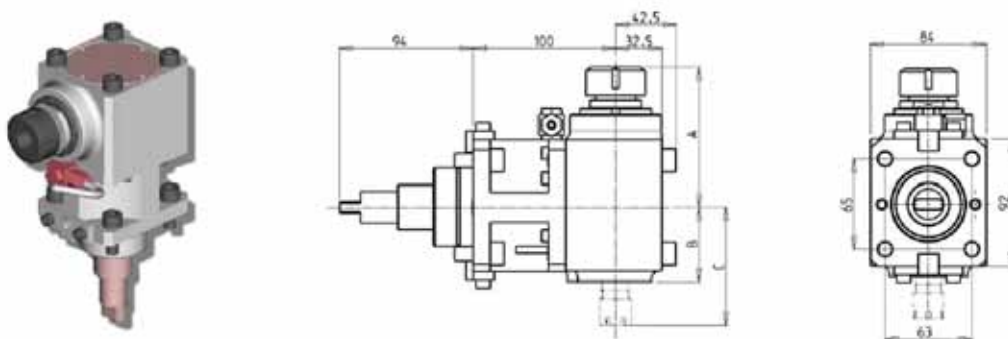
PartNumber	Description	Eurotech Ref	Reversible	Spindle	I	RPM	Cool Thru	Ext. Cool	A	B	C
0050825	Geared Up 1:2 ER25	T134-00027	X	ER25	1:2	12000		X	99.76	52.5	
0050625	Geared Up 1:2 ER25 Coolant Thru*		X	ER25	1:2	12000	X		99.76	79	
0052516	Geared Up 1:2 ER25+ER16		X	ER25+ER16	1:2	12000		X	99.76	52.5	82.75

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

GEARED-UP AXIAL DRIVEN TOOL 1:2 H=100



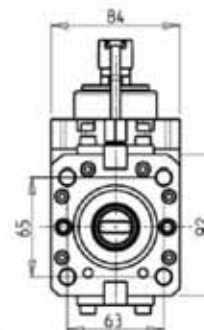
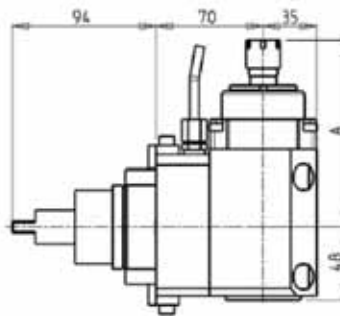
PartNumber	Description	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A	B	C
0050825L	Geared Up 1:2 H=100	X	ER25	1:2	12000		X	98.06	52.5	
0050625L	Geared Up 1:2 Coolant Thru* H=100	X	ER25	1:2	12000	X		98.06	77.5	
0052516L	Geared Up 1:2 ER25-ER16, H=100	X	ER25+ER16	1:2	12000		X	98.06	52.5	82.75

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

DRIVEN

GEARED-UP AXIAL DRIVEN TOOL 1:5.625 H=70mm



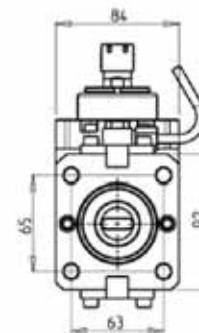
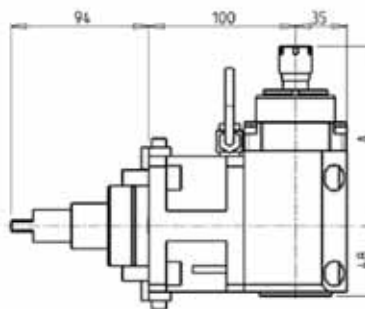
PartNumber	Description	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A
0460016	Geared Up 1:5.625 ER16	X	ER16	1:5.625	22500		X	121.8
0460011	Geared Up 1:5.625 ER11 Coolant Thru*	X	ER11	1:5.625	22500	X		134

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

GEARED-UP AXIAL DRIVEN TOOL 1:5.625 H=100



PartNumber	Description	Reversible	Spindle	I	RPM	Cool Thru	Ext Cool	A
0460016L	Geared Up 1:5.625 ER16 H=100	X	ER16	1:5.625	22500		X	121.8
0460011L	Geared Up 1:5.625 ER11 Coolant Thru* H=100	X	ER11	1:5.625	22500	X		134

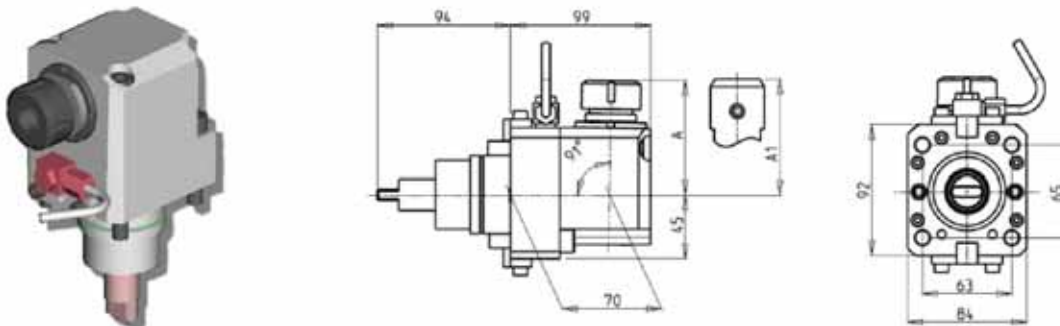
* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

DRIVEN

AXIAL DRIVEN TOOL For Internal Polygon Making H=70

See Accessories for Mill Heads



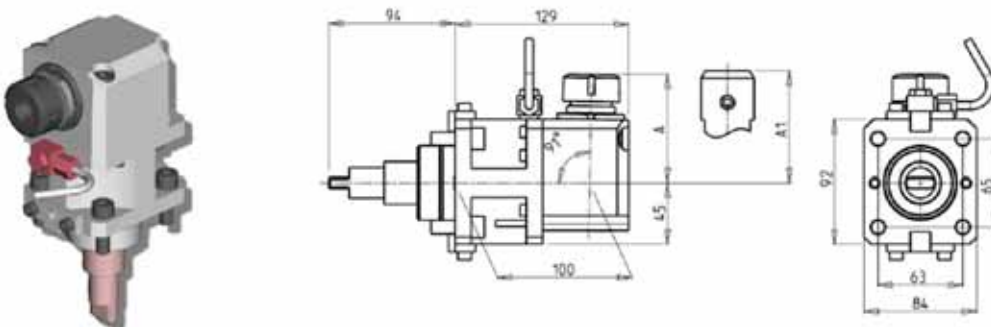
PartNumber	Description	Eurotech Ref	Reversible	Spindle	I	RPM	Ext Coolant	A	A1
0019125	ER25 for Internal Polygon		X	ER25	1:1	6000	X	80.44	
0019108	Weldon 8 Polygon	T134-00068	X	Weldon 8	1:1	6000	X		76.5
0019110	Weldon 10 Polygon		X	Weldon 10	1:1	6000	X		76.5
0019112	Weldon 12 Polygon		X	Weldon 12	1:1	6000	X		76.5
0019116	Weldon 16 Polygon		X	Weldon 16	1:1	6000	X		73.7

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL DRIVEN TOOL For Internal Polygon Making H=100

See Accessories for Mill Heads

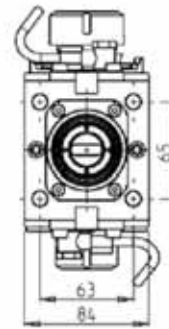
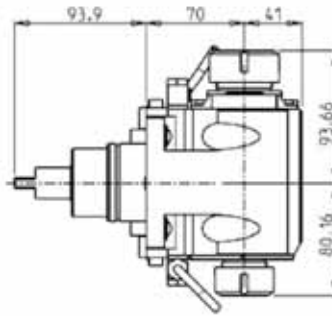


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A	A1
0019125L	ER25 for Internal Polygon H=100	X	ER25	1:1	6000	X	80.44	
0019108L	Weldon 8 Polygon H=100	X	Weldon 8	1:1	6000	X		76.5
0019110L	Weldon 10 Polygon H=100	X	Weldon 10	1:1	6000	X		76.5
0019112L	Weldon 12 Polygon H=100	X	Weldon 12	1:1	6000	X		76.5
0019116L	Weldon 16 Polygon H=100	X	Weldon 16	1:1	6000	X		73.7

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

DRIVEN

AXIAL OPPOSITE FACE TWIN DRIVEN TOOL H=70

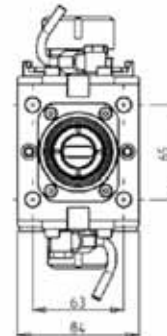
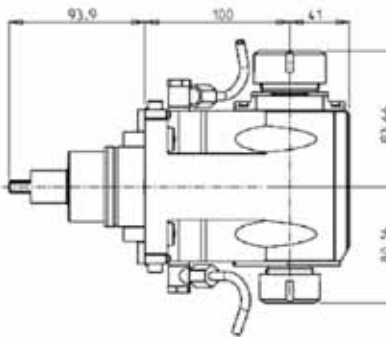


PartNumber	Description	Spindle	I	RPM	Reversible	Ext. Coolant
BGL0193225	Axial Opposite Face Twin Driven Tool H=70	ER32+ER25	1:1	6000	X	X

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL OPPOSITE FACE TWIN DRIVEN TOOL H=100

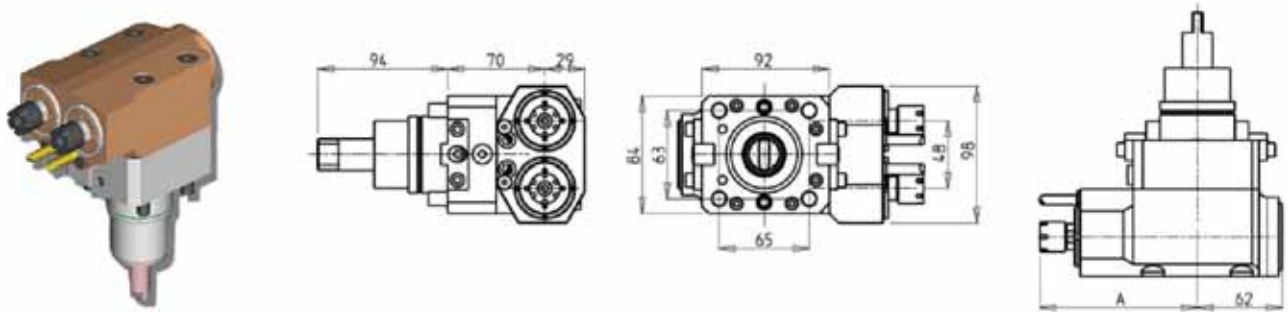


PartNumber	Description	Spindle	I	RPM	Reversible	Ext. Coolant
BGL0223225	Axial Opposite Face Twin Driven Tool H=100	ER32+ER25	1:1	6000	X	X

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

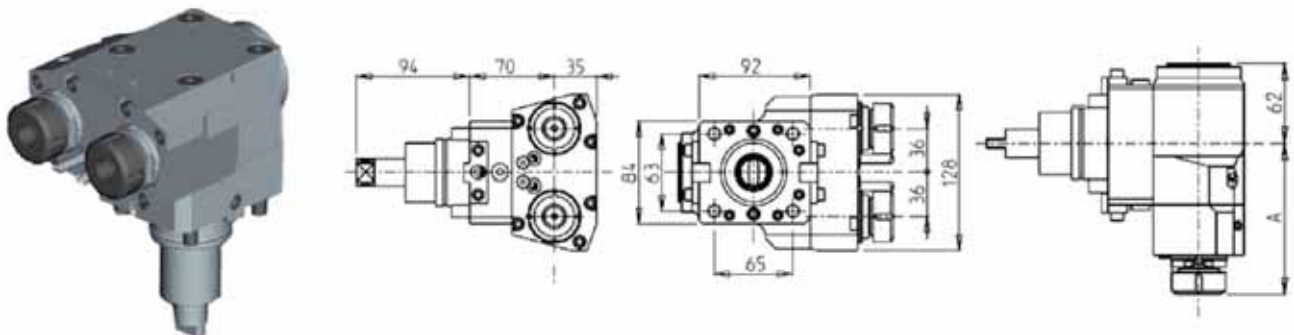
DRIVEN

AXIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL



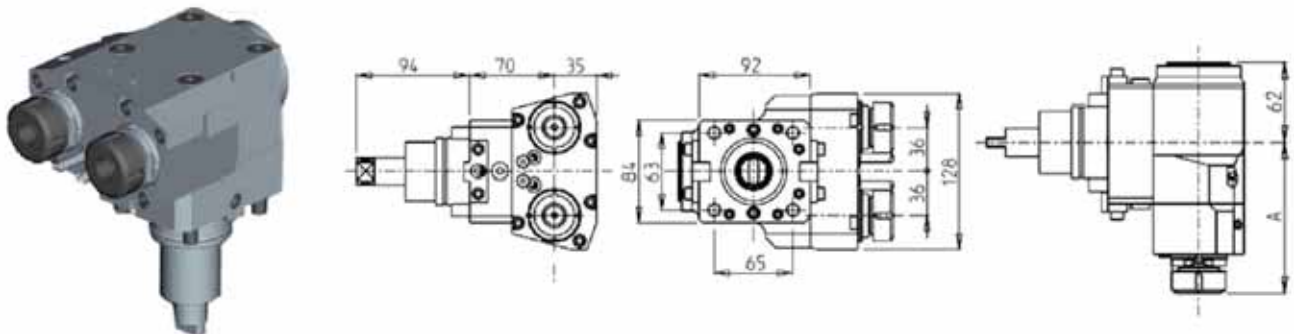
PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A
0400016X2	Double Outlet Tool ER16	X	ER16	1:1	6000	X	115.15
0400025X2	Double Outlet Tool ER25	X	ER25	1:1	6000	X	115.61

AXIAL GEARED-UP 1:2 SINGLE SIDE TWIN HEAD TOOL IN Y



PartNumber	Description	Spindle	I	RPM	Reversible	Ext. Coolant	A
BGL0280216	Axial Geared-Up 1:2 Single Side Twin Head ER16	ER16	1:2	12000	X	X	115
BGL0280225	Axial Geared-Up 1:2 Single Side Twin Head ER25	ER25	1:2	12000	X	X	115.96

AXIAL GEARED-UP 1:2 SINGLE SIDE TWIN HEAD IN Y, H=100

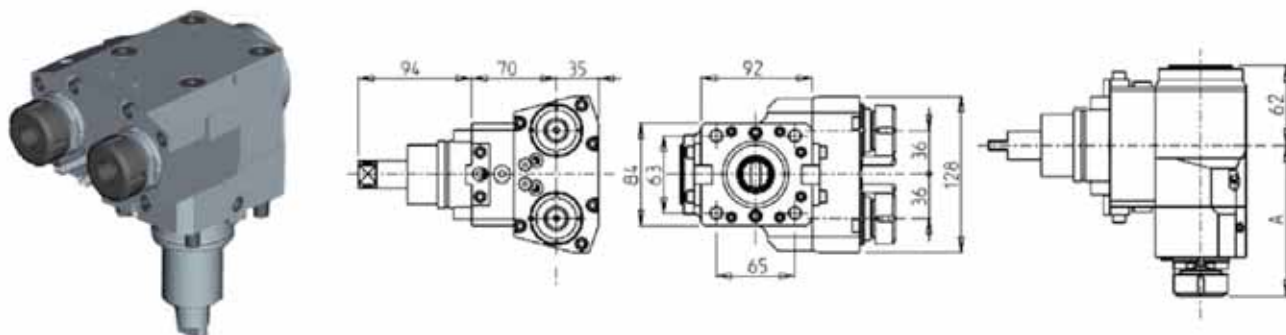


PartNumber	Description	Spindle	I	Reversible	RPM	Ext. Coolant	A
BGL0281216	Axial Geared-Up Single Side Twin Head ER16	ER16	1:2	X	12000	X	115
BGL0281225	Axial Geared-Up Single Side Twin Head ER25	ER25	1:2	X	12000	X	115.96

B445 / 470 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

AXIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL H=100

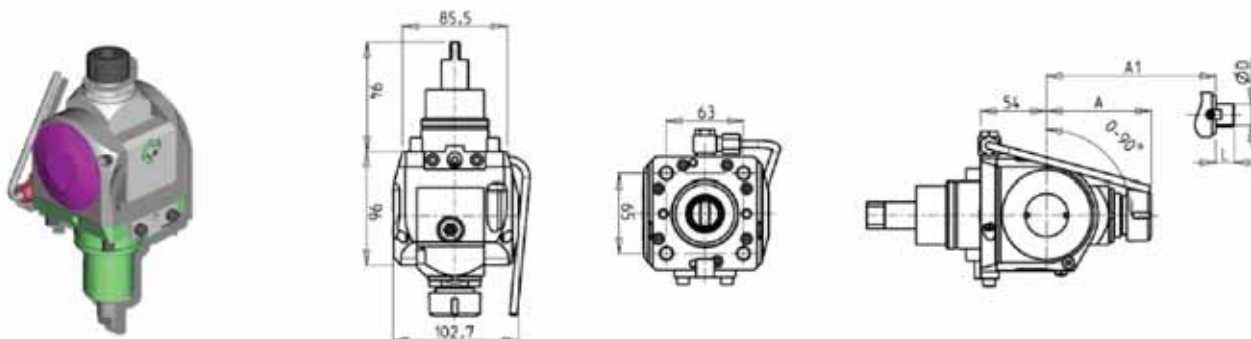


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	A
0400016X2L	Double Outlet Tool ER16 H=100	X	ER16	1:1	6000	X	115.15
0400025X2L	Double Outlet Tool ER25 H=100	X	ER25	1:1	6000	X	115.61

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

0-90 ADJUSTABLE ANGLE DRIVEN TOOL



PartNumber	Description	Eurotech Ref	Reversible	Spindle	I	RPM	A	A1	D	L
0200020	Adj Angle (0-90) ER20	T134-00057	X	ER20	1:1	6000	84.16			
0200025	Adj Angle (0-90) ER25		X	ER25	1:1	6000	85.66			
0201905	Adj Angle (0-90) Mill Head 3/4"x3/4"		X	3/4"x3/4"	1:1	6000		65	3/4"	3/4"
0201617	Adj Angle (0-90) Mill Head 16x17		X	16x17	1:1	6000		65	16	17
0202219	Adj Angle (0-90) Mill Head 22x19		X	22x19	1:1	6000		66	22	19

* At 90° Tool **Does Not** Reach Centerline

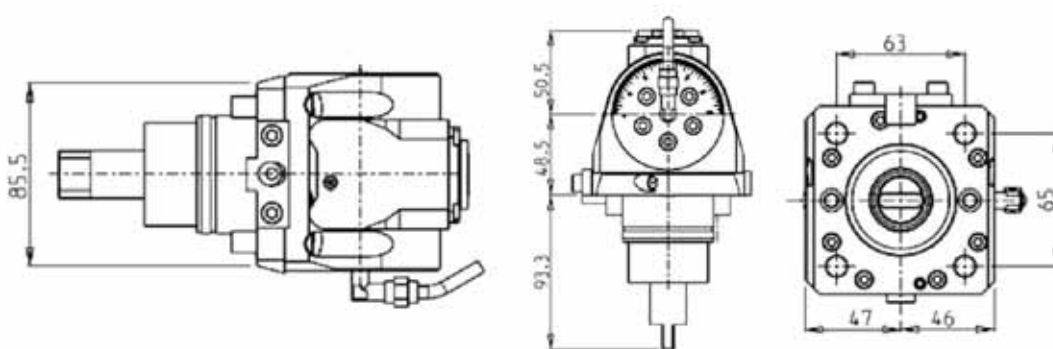
Note :

Wrenches are provided with the purchase of Specialty Toolholders

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

+/- 90 ADJUSTABLE ANGLE DRIVEN TOOL ERA20



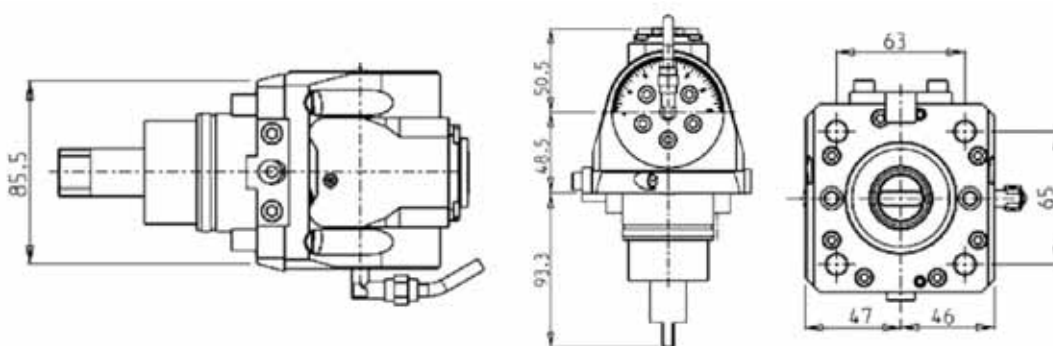
PartNumber	Description	Spindle	I	RPM	Coolant Thru	Ext. Coolant
BGL0150120	Adj Angle +/- 90 ERA20	ER25	1:1	6000		X
BGL0150220	Adj Angle +/- 90 ERA20 Coolant Thru*	ER25	1:1	6000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

Note :

Wrenches are provided with the purchase of Specialty Toolholders

ADJUSTABLE ANGLE +/- 90 DEGREE GEARED-UP TOOL



PartNumber	Description	Spindle	I	RPM	Coolant Thru	Ext. Coolant
BGL0150316	Adj Angle Driven +/-90 Geared-Up Driven Tool	ERA16	1:2	12000		X
BGL0150416	Adj Angle Driven +/-90 Geared-Up Driven Tool - Coolant Thru*	ERA16	1:2	12000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

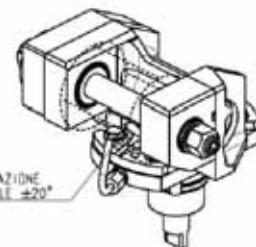
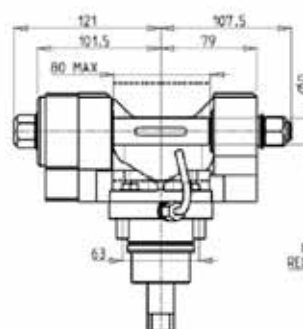
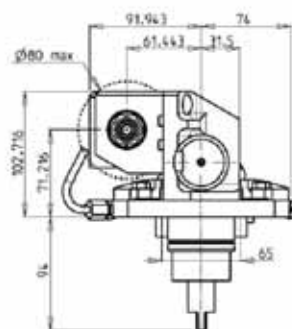
Note :

Wrenches are provided with the purchase of Specialty Toolholders

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

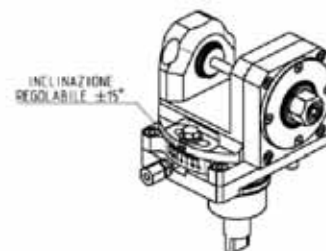
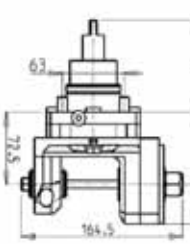
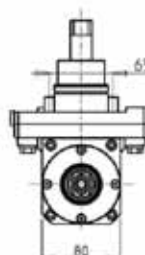
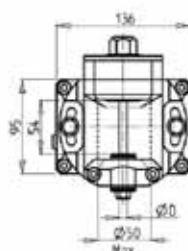
GEAR HOBBER



PartNumber	Description	Eurotech Ref	Reversible	I	RPM	Ext Cool	D mm	D Inch
0101100	Gear Hobber 1:1		X	1:1	6000	X	16-22-27-32	3/4"-1"-1.25"
0102100	Gear Hobber 2:1 Geared Down	10.57.66.00	X	2:1	3000	X	16-22-27-32	3/4"-1"-1.25"

Note : Wrenches are provided with the purchase of Specialty Toolholders

GEAR HOBBER - RADIAL DRIVEN



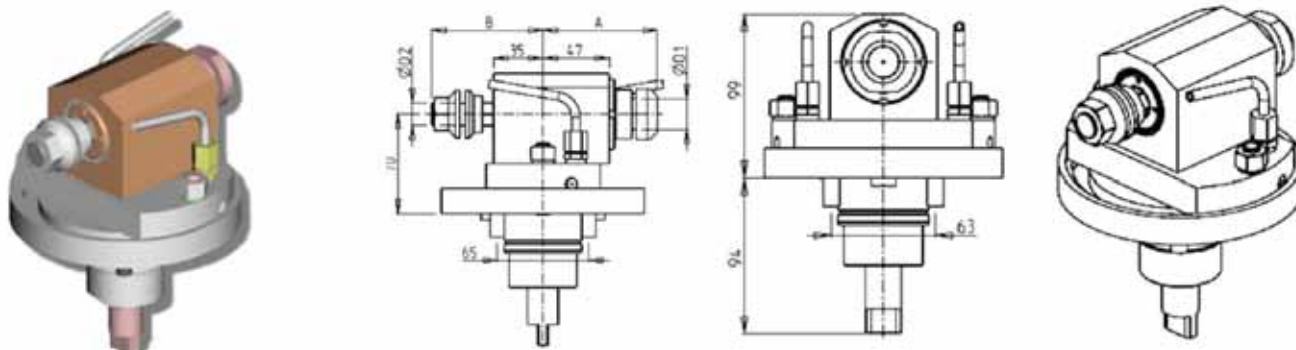
PartNumber	Description	I	RPM	Ext Coolant	D mm
BGL0011108	Center Rotating Gear Hobbing Tool 8mm Arbor	1:1	6000	X	8
BGL0011110	Center Rotating Gear Hobbing Tool 10mm Arbor	1:1	6000	X	10
BGL0011113	Center Rotating Gear Hobbing Tool 13mm Arbor	1:1	6000	X	13
BGL0011116	Center Rotating Gear Hobbing Tool 16mm Arbor	1:1	6000	X	16

Note : Wrenches are provided with the purchase of Specialty Toolholders

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

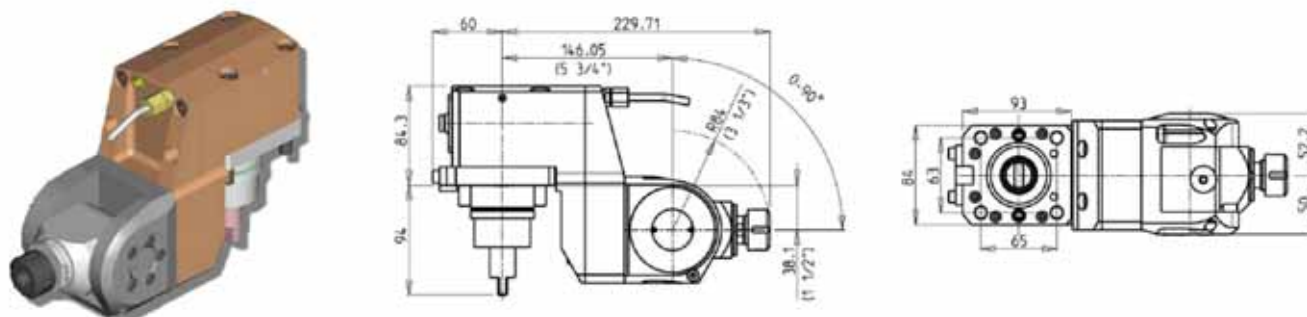
DRIVEN

AXIAL 0-180 ADJUSTABLE ANGLE DRIVEN TOOL



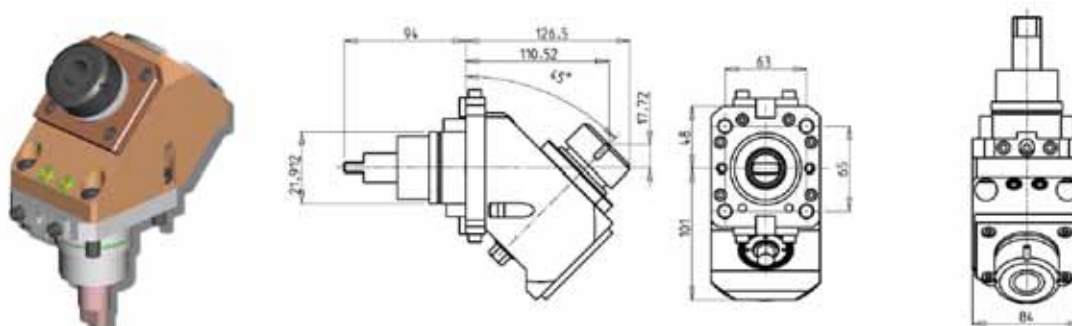
PartNumber	Description	Spindle	I	RPM	Ext. Coolant	A	B	D1	D2
0060825	Axial 0-180 Adj Angle ER25	ER25	1:1	6000	X	80.16			
0062516	Axial 0-180 Adj Angle ER25+ER16	ER25+ER16	1:1	6000	X	80.16	66		
0062216	Axial 0-180 Adj Angle 22x16	22x16	1:1	6000	X	81	79	22	16

0-90 ADJUSTABLE ANGLE REAR-SET DRIVEN TOOL



PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant
0450020	Rear Positioned Adj Angle (0-90) ER20	X	ER20	1:1	6000	X

45 DEGREE FIXED ANGLE GEARED DOWN DRIVEN TOOL

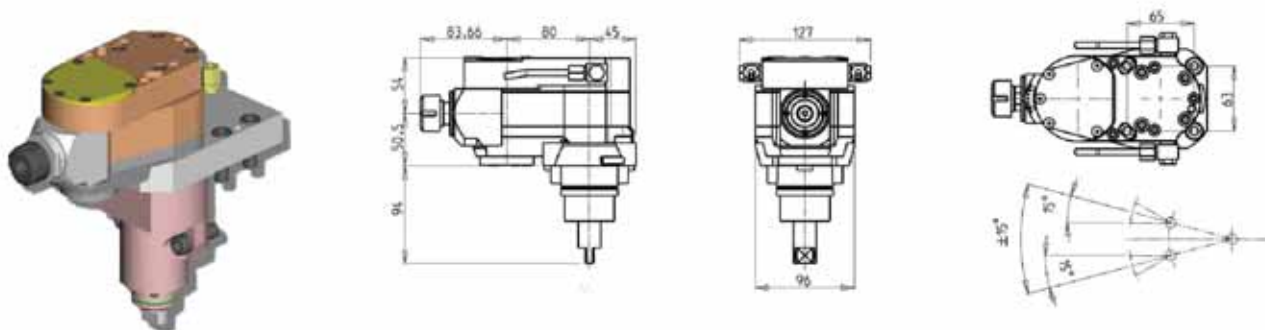


PartNumber	Description	Spindle	I	RPM	Ext Coolant
0230032	Geared Down 2:1 ER32 Fixed Angle 45 Degree	ER32	2:1	3000	X

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

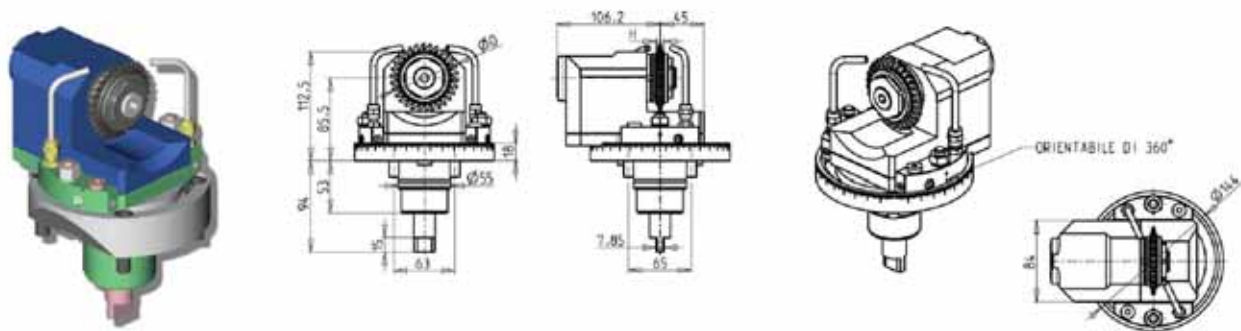
DRIVEN

0-15 ADJUSTABLE ANGLE Y AXIS DRIVEN TOOL



PartNumber	Description	Spindle	I	RPM	Ext. Coolant
0250020	Inclinable Angle (+/- 15 degree) ER20	ER20	1:1	6000	X

WORM GEAR DRIVEN TOOL

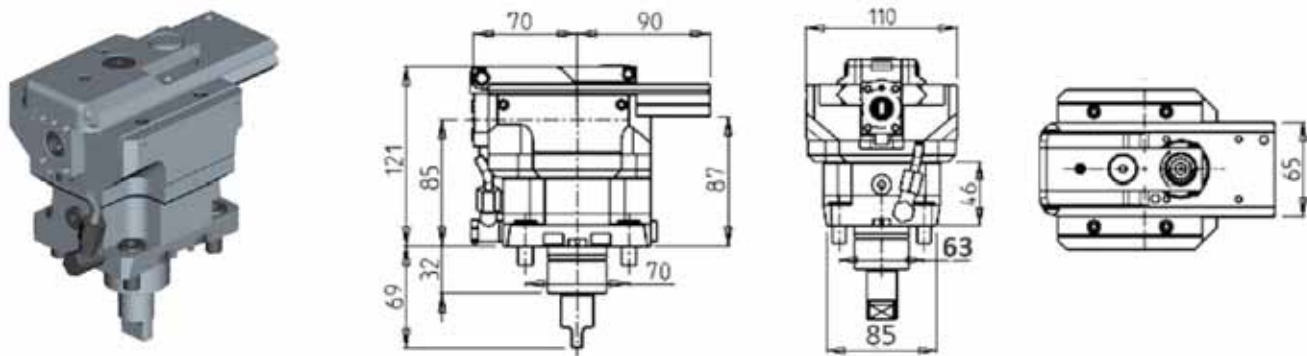


PartNumber	Description	Reversible	Spindle	I	RPM	Ext Coolant	D	H
0188022	Worm Gear Tool 22mm x 12mm	X	22x12	1:1	6000	X	63-70-80	MAX 12
0188128	Worm Gear Tool 1" x 12mm	X	1"x12	1:1	6000	X	63-70-80	MAX 12

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200

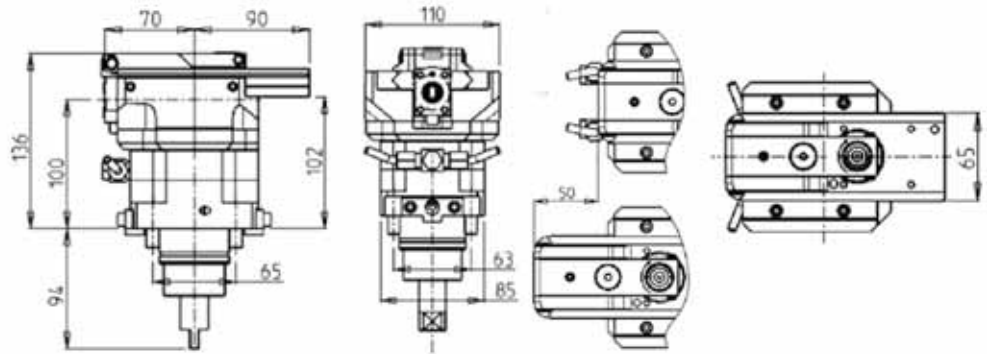
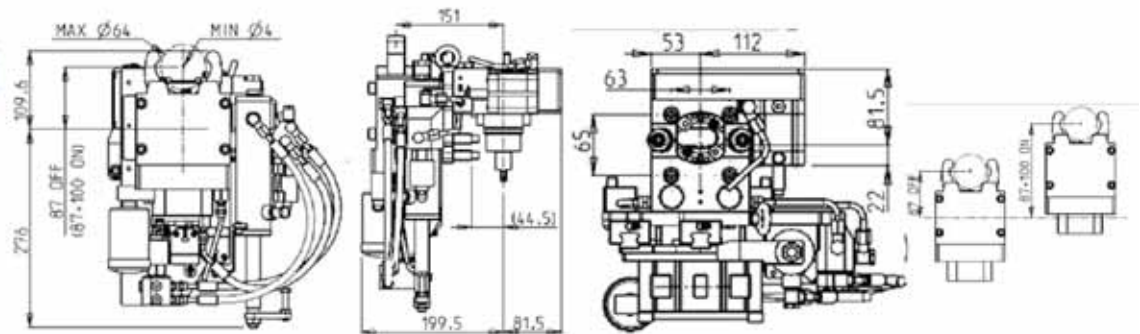
DRIVEN

BROACHING/SLOTING TOOL H=85mm



PartNumber	Description	I	Reversible	RPM	Ext. Coolant
BGL0320100	Broaching/Slotting tool H=85mm	4:1	X	2000	X

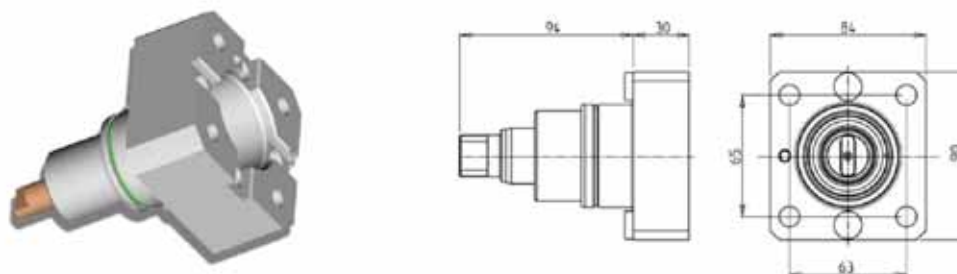
DRIVEN

DRIVEN24

B301 / 445 / 470 / 501(Y-S) / 510 / 545 / 550 / 565 / 650 / 658 / 1200 / 446 / 465 / 745 / 765

DRIVEN

BIGLIA TOOLING ADAPTER CARTRIDGE H=30mm

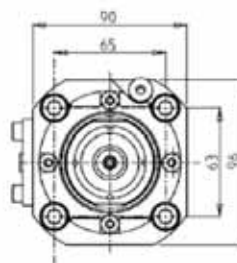
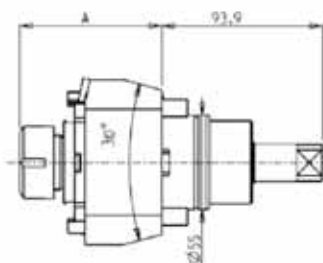


PartNumber	Description
0617010	Biglia Tooling Adapter Cartridge 70/100mm

B436

DRIVEN

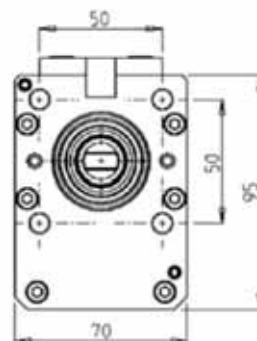
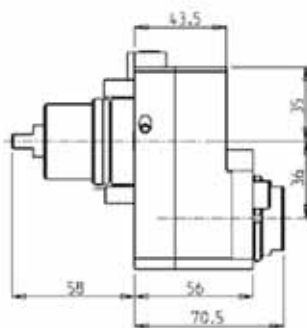
RADIAL DRIVEN TOOL



PartNumber	Description	Spindle	I	RPM	Coolant Thru	Ext. Coolant	A	A1
BGL1020120	Radial ERA20	ERA 20	1:1	6000		X	42.2	
BGL1020316	Radial ER16	ER16	1:1	6000		X	66	
BGL1020320	Radial ER20	ER20	1:1	6000		X	58.2	
BGL1020220	Radial ERA20	ERA 20	1:1	6000	X	X	49.7	
BGL1020416	Radial ER16 Coolant Thru*	ER16	1:1	6000	X	X	66	
BGL1020320	Radial ER20 Coolant Thru*	ER20	1:1	6000	X	X	65.7	
BGL1020512	Radial Weldon 12	Weldon 12	1:1	6000		X		42.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

RADIAL DRIVEN TOOL RE-DIRECTED IN Z BY 36mm



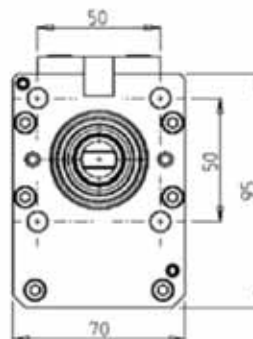
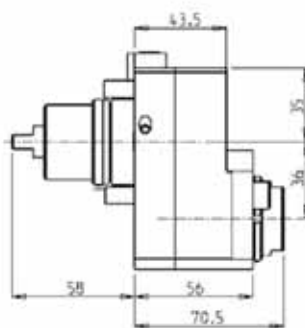
PartNumber	Description	Spindle	Reversible	I	RPM	Coolant Thru	Ext. Coolant
BGL1130316	ERA16 Redirected in Z by 36mm	ERA16	X	1:1	6000		X
BGL1130416	ERA16 Redirected in Z by 36mm Coolant Thru*	ERA16	X	1:1	6000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B436

DRIVEN

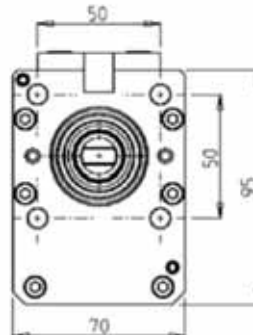
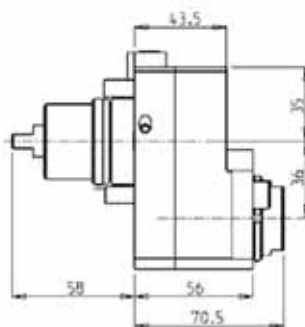
RADIAL GEARED-UP I=1:2 DRIVEN RE-DIRECTED IN Z BY 36mm



PartNumber	Description	Spindle	Reversible	I	RPM	Coolant Thru	Ext. Coolant
BGL1131316	ERA16 Radial Geared Up 1:2 Redirected in Z by 36mm	ERA16	X	1:2	12000		X
BGL1131416	ERA16 Radial Geared Up 1:2 Redirected in Z by 36mm Coolant Thru*	ERA16	X	1:2	12000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

RADIAL GEARED-UP I=1:3 DRIVEN RE-DIRECTED IN Z BY 36mm



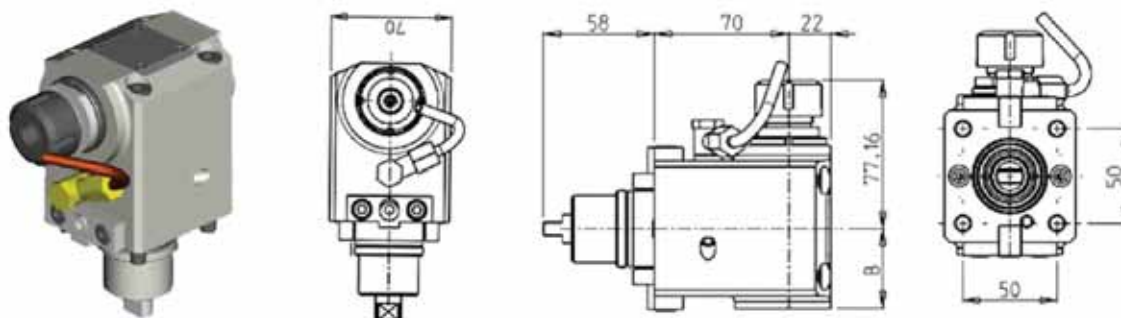
PartNumber	Description	Spindle	Reversible	I	RPM	Coolant Thru	Ext. Coolant
BGL1132316	ERA16 Radial Geared Up 1:3 Redirected in Z by 36mm	ERA16	X	1:2	18000		X
BGL1132416	ERA16 Radial Geared Up 1:3 Redirected in Z by 36mm Coolant Thru*	ERA16	X	1:2	18000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B436

DRIVEN

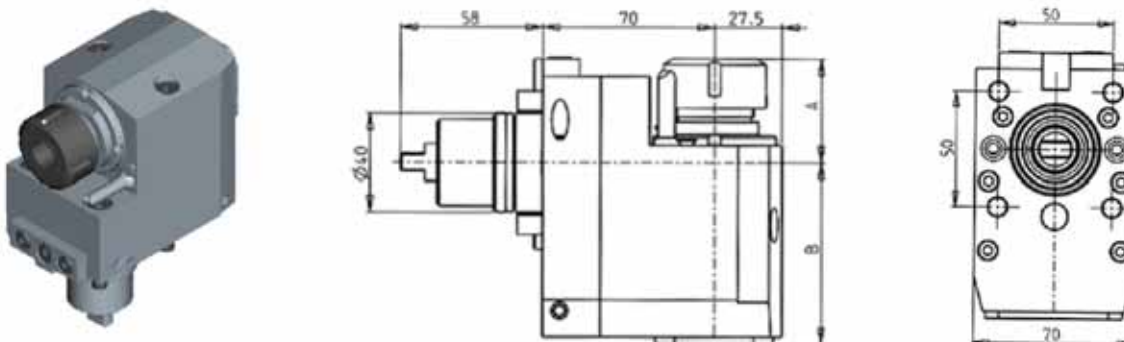
AXIAL DRIVEN TOOL



PartNumber	Description	Spindle	RPM	Reversible	Coolant Thru	Ext. Coolant	B
BGL1010120	Axial Driven Tool ER20	ER20	6000	X		X	41
BGL1010220	Axial Driven Tool ER20 Coolant Thru*	ER20	6000	X	X	X	49.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

AXIAL REAR-SET DRIVEN TOOL



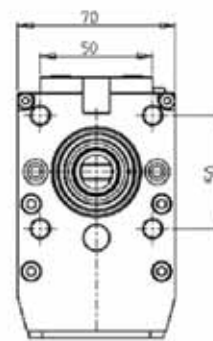
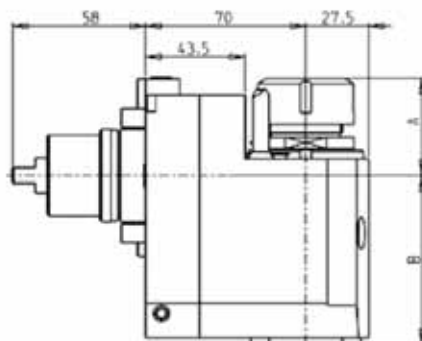
PartNumber	Description	Spindle	I	RPM	Reversible	Coolant Thru	Ext. Coolant	A	B
BGL1030125	Axial Rear-Set Driven Tool ER25	ER25	1:1	6000	X		X	42.16	73.5
BGL1030225	Axial Rear-Set Driven Tool ER25 Coolant Thru*	ER25	1:1	6000	X	X	X	42.16	83.5
BGL1030325	Axial Rear-Set Driven Tool ERA25	ERA25	1:1	6000	X		X	28.5	73.5
BGL1030425	Axial Rear-Set Driven Tool ERA25 Coolant Thru*	ERA25	1:1	6000	X	X	X	28.5	83.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B436

DRIVEN

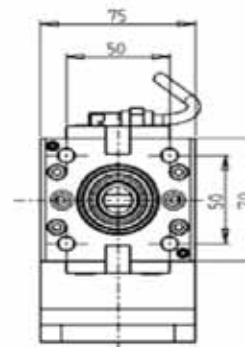
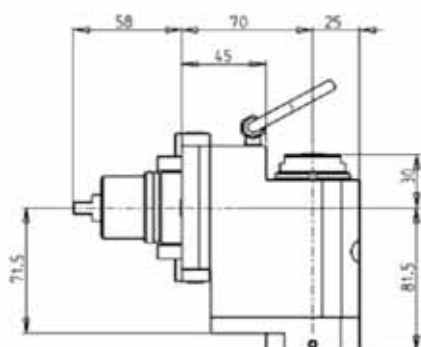
AXIAL GEARED-UP I=1:2 REAR-SET DRIVEN TOOL



PartNumber	Description	Spindle	Reversible	I	RPM	Coolant Thru	Ext. Coolant	A	B
BGL1090120	Axial Geared Up 1:2 Rear-set ER20	ER20	X	1:2	12000		X	41.16	73.5
BGL1090125	Axial Geared Up 1:2 Rear-set ER25	ER25	X	1:2	12000		X	42.16	73.5
BGL1090320	Axial Geared Up 1:2 Rear-set ERA20	ERA20	X	1:2	12000		X	24.5	73.5
BGL1090325	Axial Geared Up 1:2 Rear-set ERA25	ERA25	X	1:2	12000		X	28.5	73.5
BGL1090225	Axial Geared Up 1:2 Rear-set ER25 Coolant Thru*	ER25	X	1:2	12000		X	42.16	83.5
BGL1090420	Axial Geared Up 1:2 Rear-set ERA20 Coolant Thru*	ERA20	X	1:2	12000	X	X	24.5	83.5
BGL1090425	Axial Geared Up 1:2 Rear-set ERA25 Coolant Thru*	ERA25	X	1:2	12000	X	X	28.5	83.5

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

AXIAL GEARED-UP I=1:3 REAR-SET DRIVEN TOOL



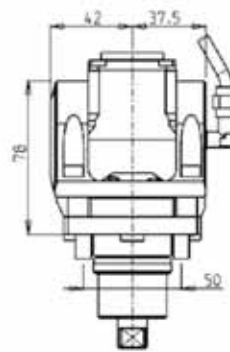
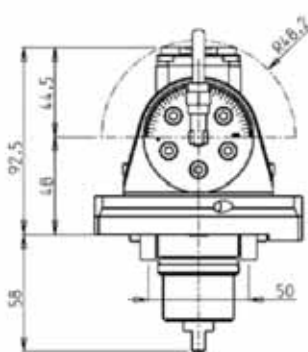
PartNumber	Description	Spindle	Reversible	I	RPM	Coolant Thru	Ext. Coolant
BGL1120316	Axial Geared-up 1:3 Rear-set ERA16	ERA16	X	1:3	18000		X
BGL1120416	Axial Geared-up 1:3 Rear-set ERA16 Coolant Thru*	ERA16	X	1:3	18000	X	X

* Coolant Thru tools are designed for 1000 psi.
They require 5 Micron Filtration and **CANNOT** be run dry.

B436

DRIVEN

0-180 ADJUSTABLE ANGLE DRIVEN TOOL H=48mm

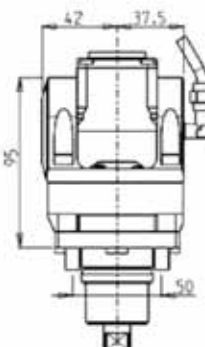
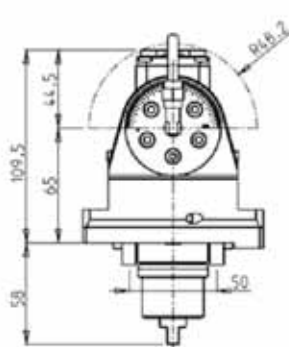


PartNumber	Description	Spindle	Reversible	I	RPM	Ext. Coolant
BGL1100120	ERA16 Adj. Angle 0-180 H=48mm	ERA16	X	1:1	6000	X
BGL1100220	ERA16 Adj. Angle 0-180 H=48mm	ERA16	X	1:1	6000	X

* At 90° Tool **Does Not** Reach Centerline

Note : Wrenches are provided with the purchase of Specialty Toolholders

0-180 ADJUSTABLE ANGLE DRIVEN TOOL H=65mm



PartNumber	Description	Spindle	Reversible	I	RPM	Ext. Coolant
BGL1110120	ERA16 Adj. Angle 0-180 H=65mm	ERA16	X	1:1	6000	X
BGL1110220	ERA16 Adj. Angle 0-180 H=65mm	ERA16	X	1:1	6000	X

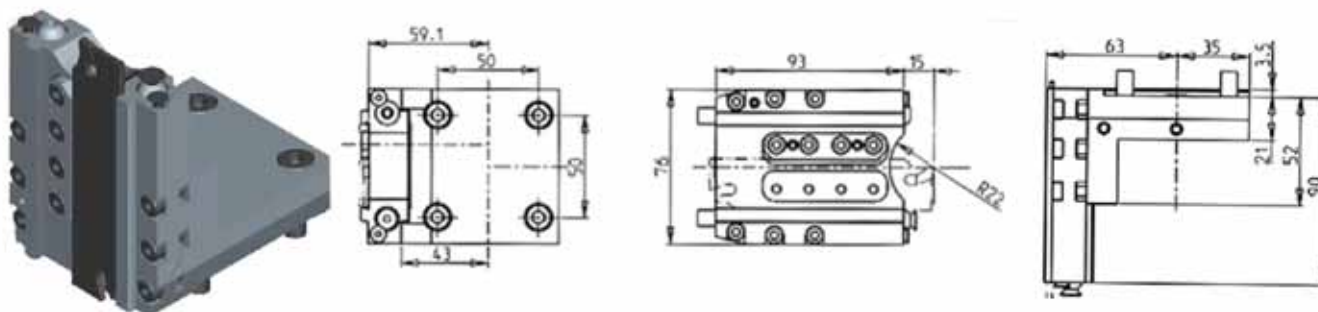
* At 90° Tool **Does Not** Reach Centerline

Note : Wrenches are provided with the purchase of Specialty Toolholders

B436

STATIC

RADIAL BLADE HOLDER

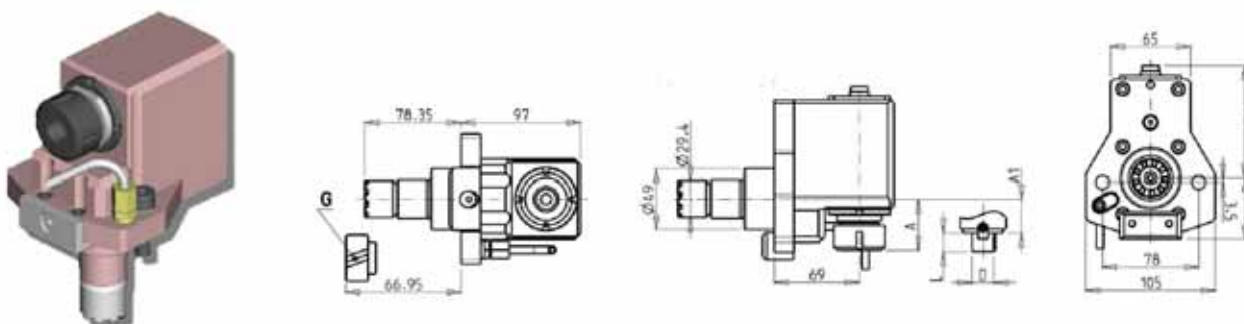


PartNumber	Description	No. of Tools	Reversible	Ext. Coolant
BGL1040226	Radial Blade Holder with Blades	1	X	X
BLADEKIT	Blade Kit : 1 Blade, 10 inserts			

B500 / B501 / B1000 / B56 Hydraulic Turret

DRIVEN

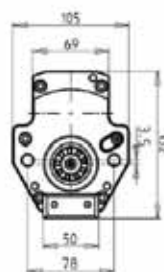
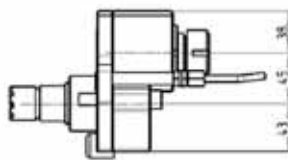
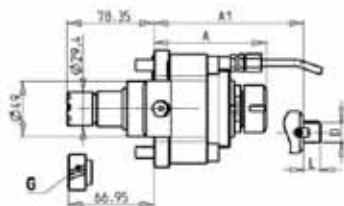
RADIAL DRIVEN HYDRAULIC TURRET TOOL



PartNumber	Description	Eurotech Ref	Spindle	RPM	A	A1	D	L	Front Type	Gear Type
0081225	ER25 Standard	T134-00004	ER25	3500	41.26				X	X
0081132	ER32 Standard	T134-00041	ER32	3500	54.96				X	X
0081617	Milling Arbor D=16mm, L=17mm		16x17	3500		22.90	16	17	X	X

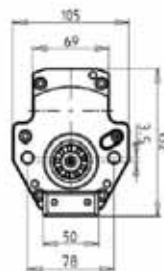
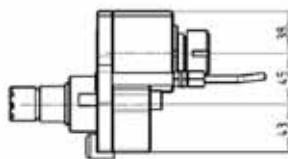
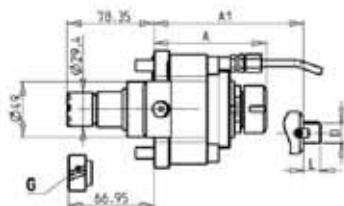
To order with Gears add G to the part number

DRIVEN



PartNumber	Description	Eurotech Ref	Spindle	RPM	A	A1	D	L	Gear Type	Front Type
0090425	ER25 Standard	T134-00005	ER25	3500	101.36				X	X
0090332	ER32 Standard	T134-00039	ER32	3500	115				X	X
0091617	Milling Arbor D=16mm, L=17mm		16x17	3500		83	16	17	X	X
0092219	Milling Arbor D=22mm, L=19mm		22x19	3500		85	22	19	X	X
0092721	Milling Arbor D=27mm, L=21mm	41.32.152.00	27x21	3500		87	27	21	X	X

To order with Gears add G to the part number



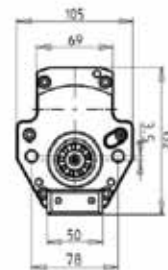
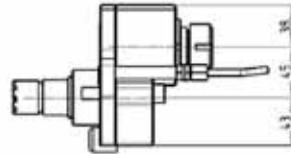
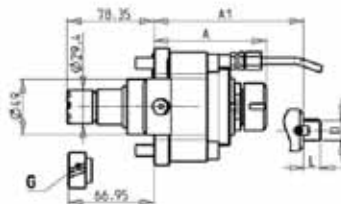
PartNumber	Description	Spindle	I	RPM	Ext Cool	A	A1	D	L	Gear Type	Front Type
0160025	Geared Down 1:2 ER25	ER25	2:1	1750	X	101.36				X	X
0160032	Geared Down 1:2 ER32	ER32	2:1	1750	X	115				X	X
0161617	Geared Down 1:2 Milling Arbor D=16mm, L=17mm	16x17	2:1	1750	X		83	16	17	X	X
0162219	Geared Down 1:2 Milling Arbor 22x19	22x19	2:1	1750	X		85	22	19	X	X
0162721	Geared Down 1:2 Milling Arbor27x21	27x21	2:1	1750	X		87	27	21	X	X

To order with Gears add G to the part number

B500 / B501 / B1000 / B56 Hydraulic Turret

DRIVEN

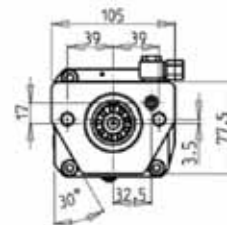
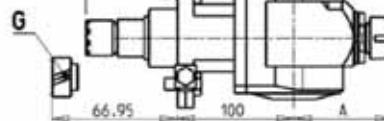
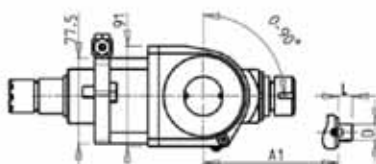
GEARED-UP AXIAL DRIVEN HYDRAULIC TURRET TOOL 1:2



PartNumber	Description	Spindle	I	RPM	Ext Cool	Gear Type	Front Type	A
0120025	Geared Up 1:2 ER25	ER25	1:2	7000	X	X	X	103.16
0120032	Geared Up 1:2 ER32	ER32	1:2	7000	X	X	X	115.66

To order with Gears add G to the part number

0-90 ADJUSTABLE ANGLE DRIVEN HYDRAULIC TURRET TOOL



PartNumber	Description	Reversible	Spindle	I	RPM	A	A1	D	L	Gear Type	Front Type
0670020	Adj Angle (0-90) ER20	X	ER20	1:1	3500	84.16				X	X
0670025	Adj Angle (0-90) ER25	X	ER25	1:1	3500	85.66				X	X
0671617	Adj Angle (0-90) Milling Arbor 16x17	X	16x17	1:1	3500		65	16	17	X	X
0672219	Adj Angle (0-90) Milling Arbor 22x19	X	22x19	1:1	3500		66	22	19	X	X
0671905	Adj Angle (0-90) Milling Arbor 3/4"x3/4"	X	3/4x3/4	1:1	3500		65	3/4"	3/4"	X	X

To order with Gears add G to the part number