



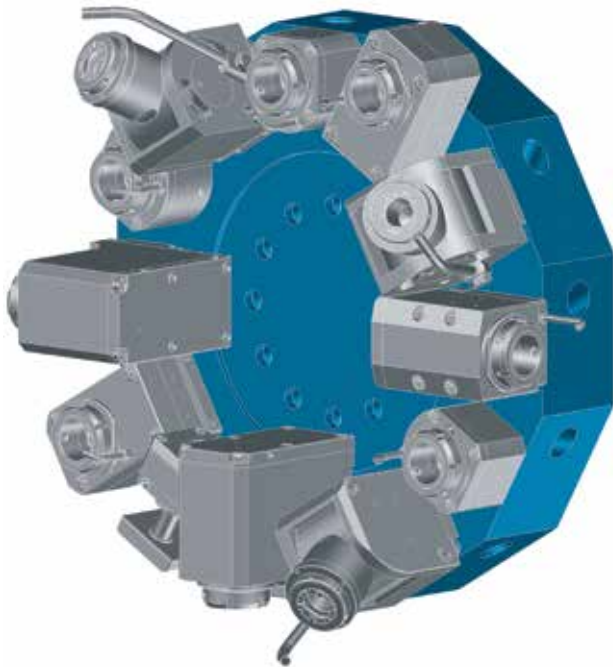
ST 20/30

Data

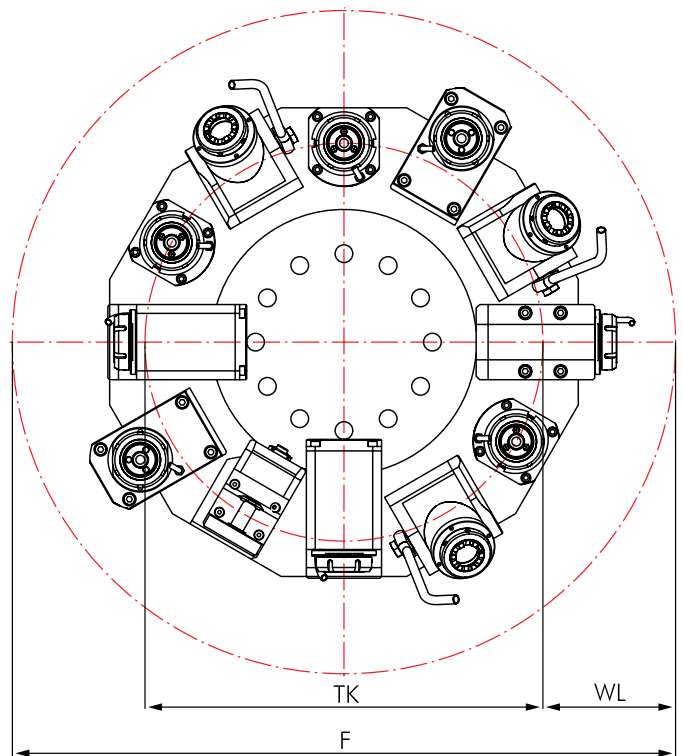
Machin type series		Turret Stations
ST	20	12
ST	30	12



Star-type Turret VDI 40



Interference Circles




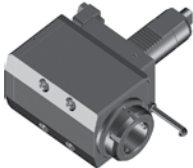
The interference circles are depending on your CNC machine. You can find it in your machine instruction manuals.



ST 20/30

Connectable in accordance with **BLUECOMPETENCE** » mimatic mi » PolyMILL » TriMILL » TrioCut » PolyREAM

Live Tools

	Page		Page
Straight Unit			458
Angle Unit			459

Options and Accessories

mi Toolholders		mi System Description Toolholders Accessories	471 473-477 478-479
Standard VDI Toolholders		VDI Toolholders Accessories	518-524 525-531
Accessories		Collets DIN 6499 Threading Collets Wrenches Clamping Nuts Sleeves and Bushings	526-527 528-529 525 525 531





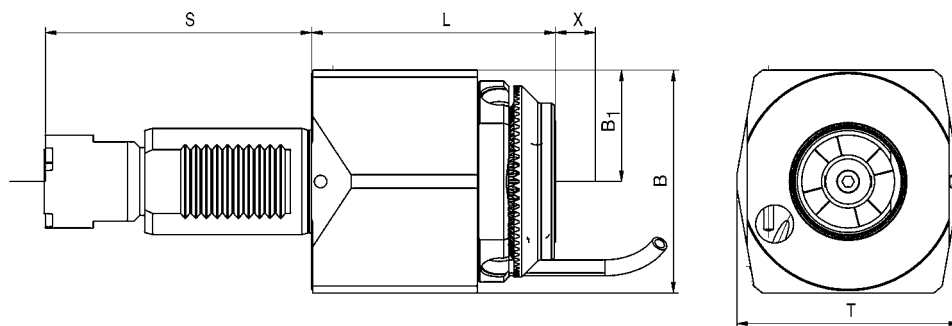
Delivery information







Driven toolholders with mi quick-change interface are supplied with operating wrench (see spare parts on page 479).
Driven toolholders with other interfaces are supplied without clamping wrench (see accessories on page 525).

Straight Unit

Connectable in accordance with **BLUECOMPETENCE** » mimatic mi » PolyMILL » TriMILL » TrioCut » PolyREAM



for Manufacturer	
	
for Machine type	
ST 20 ST 30	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Contrate Toothing
Please note the size "S"	
Modular Interfaces	
	

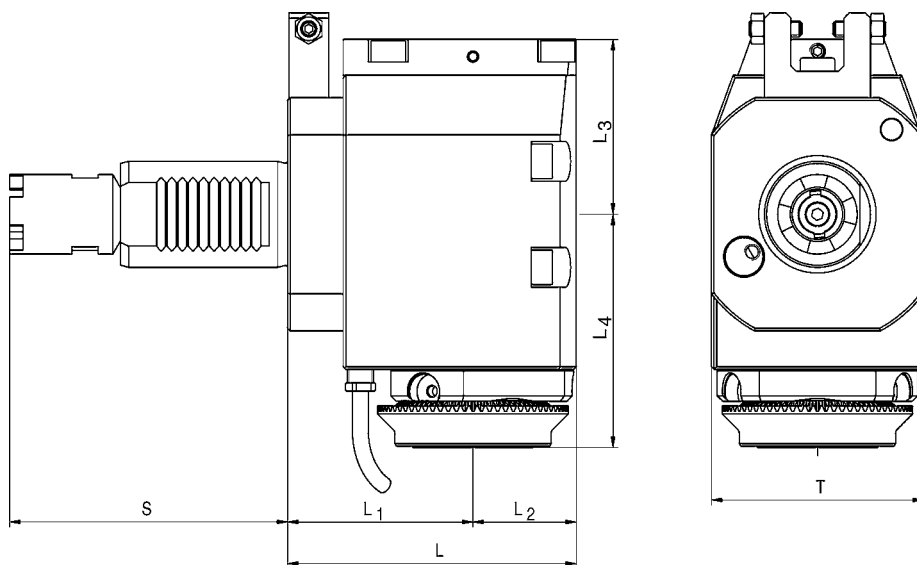
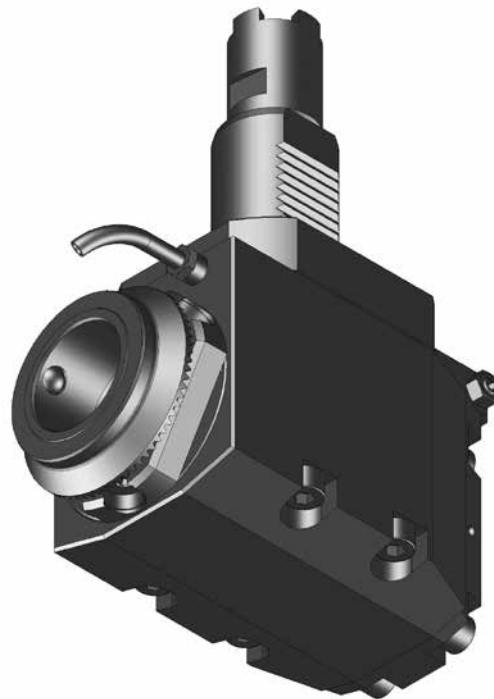


Order No.	Tool holder	Clamping range mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Coolant	L mm	B mm	B1 mm	T mm	S mm	Rotating direction
100434	ER 32	1-20	80 Nm	-	i = 1:1	external	75,5	85	42	84	104,85	
169129	ER 32	1-20	80 Nm	-	i = 1:1	external	75,5	85	42	84	117,55	
124231	ER 32*	1-20	80 Nm	6.500 / 6.500	i = 1:1	internal	75,5	85	42	84	104,85	
124232	ER 32*	1-20	80 Nm	6.500 / 6.500	i = 1:1	internal	75,5	85	42	84	117,55	
100833	mi 50	-	80 Nm	6.500 / 6.500	i = 1:1	internal	92,0	85	42	84	104,85	
169595	mi 50	-	80 Nm	6.500 / 6.500	i = 1:1	internal	92,0	85	42	84	117,55	

Angle Unit

Connectable in accordance with **BLUECOMPETENCE** » mimatic mi » PolyMILL » TriMILL » TrioCut » PolyREAM

for Manufacturer	
	
for Machine type	
ST 20 ST 30	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Contrate Tothing
Please note the size "S"	
Modular Interfaces	
	



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Order No.	Tool holder	Clamping range mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Coolant	L mm	L1 mm	L2 mm	L3 mm	L4 mm	T mm	S mm	Rotating direction
101174	ER 32	1-20	50 Nm	6.500 / 6.500	i = 1:1	external	109	70	39	66	70	80	104,85	↻ ↻
169141	ER 32	1-20	50 Nm	6.500 / 6.500	i = 1:1	external	109	70	39	66	70	80	117,55	↻ ↻
124836	ER 32*	1-20	50 Nm	6.500 / 6.500	i = 1:1	internal	109	70	39	66	70	80	104,85	↻ ↻
166691	ER 32*	1-20	50 Nm	6.500 / 6.500	i = 1:1	internal	109	70	39	66	70	80	117,55	↻ ↻
101477	mi 50	-	50 Nm	6.500 / 6.500	i = 1:1	internal	109	70	39	66	88	80	104,85	↻ ↻
169593	mi 50	.	50 Nm	6.500 / 6.500	i = 1:1	internal	109	70	39	66	88	80	117,55	↻ ↻

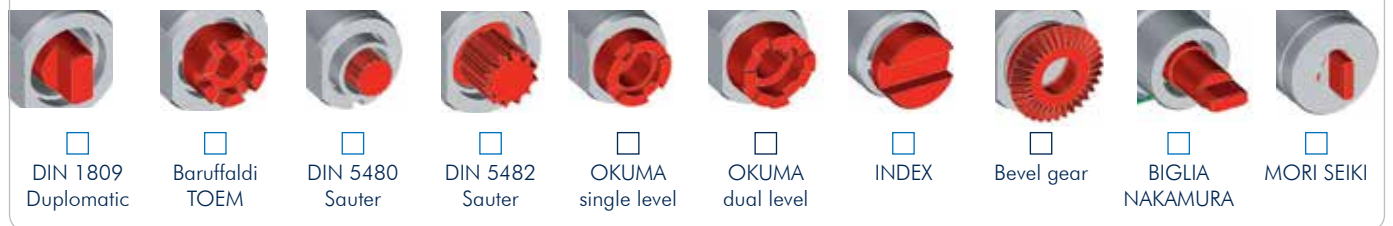
* With clamping nuts with sealing, seals see page 530

Form for Inquiry, Part 1
Fax +49-831-57444-90

Company	
Name	
Street	
Zip/City	
Phone	
Fax	
E-Mail	

Specifications to the Machine

Manufacturer		
Type, Year of manufacturing		
Machine No.		
Coolant		
Coolant pressure (internal coolant)		
Spindle speed max.		r.p.m
max. torque of the spindle		Nm
Turret manufacturer	Typ. No.	
Turret Revolver type	Disc-type Turret	Star-type Turret
Number of slots		
max. swinging circle		mm
Operation	Main spindle	Sub spindle
Revolver drive	please mark with a cross:	



Specifications to the Operation

Operation		
(drilling, milling, turning, etc.)		
Material		
Tool		
Tool diameter		mm
Work piece drawing	yes (please transmit)	no

Specifications to the Tool














Shank size VDI		mm
Others		
Gear ratio		i=
Spindle speed wanted		r.p.m
Torque moment wanted		Nm
Coolant	yes	no
max. coolant pressure through the spindle (internal)		
Coolant nozzle		
Coolant pipe		
Notice		

Form for Inquiry, Part 2
Fax +49-831-57444-90

Specifications to the Tool






Type

please notice your required number of pieces:

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Straight, central	Straight, Offset Type (A= mm)	Angle, central	Angle, Offset Type (A= mm)	Multi spindle unit Straight, central	Multi spindle unit Straight, Offset Type (A= mm)	
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Multi spindle unit angle, central	Multi spindle unit angle, Offset Type (A= mm)	Y-Unit adjustable	Angle Unit adjustable	Special angle fixed (°)	Saw blade holder, straight	Saw blade holder, angle

Toolholder

please mark with a cross:

											
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi Quick change tool system	SYNAX Tapping quick change system	Hydro-Flex Hydraulic clamping system	Collet ER DIN 6499	Weldon/ Whistle- Notch	Komet ABS	Coromant CAPTO	Shell mill holders	KM / UTS	HSK	SK	Saw blade

Tool type

right

left

