



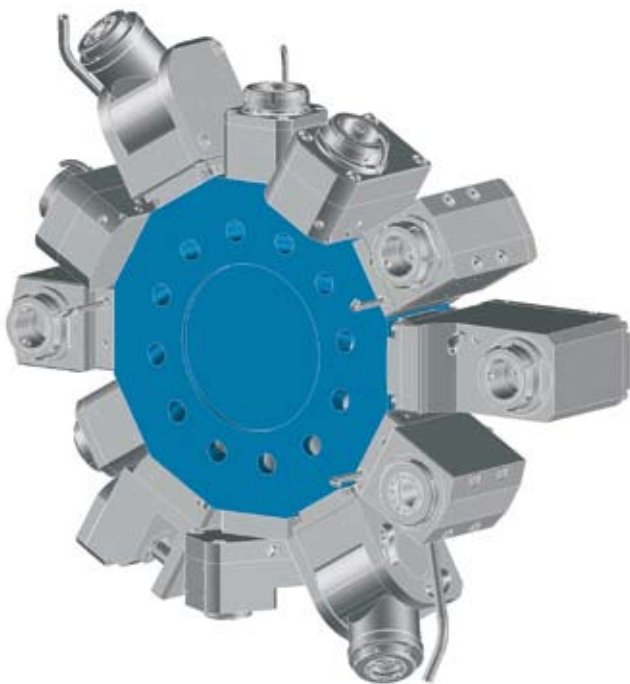
## VL 3/5 + VSC 200/250

### Data

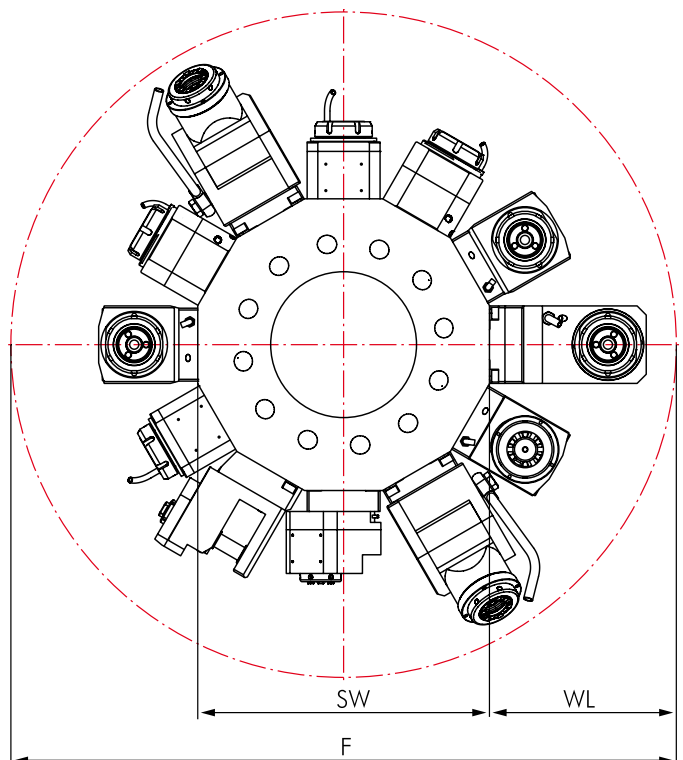
Machine type Series		Turret Stations
<b>VL</b>	<b>3</b>	12
<b>VL</b>	<b>5</b>	12
<b>VSC</b>	<b>200</b>	12
<b>VSC</b>	<b>250</b>	12



### Star-type Turret VDI 40



### Interference Circles



Machine type Series	F	SW	WL
<b>VL 3/5</b>	700	360	170
<b>VSC 200</b>	740	360	190
<b>VSC 250</b>	760	360	200



**VL 3/5 + VSC 200/250**

**Driven Toolholders**


	Page		Page
<b>Straight Unit</b>	230	<b>Angle Unit, Offset type</b>	233
<b>Straight Unit, Offset type</b>	231	<b>Angle Unit, adjustable 0-100°</b>	234
<b>Angle Unit</b>	232	<b>Saw Blade Holder</b>	235

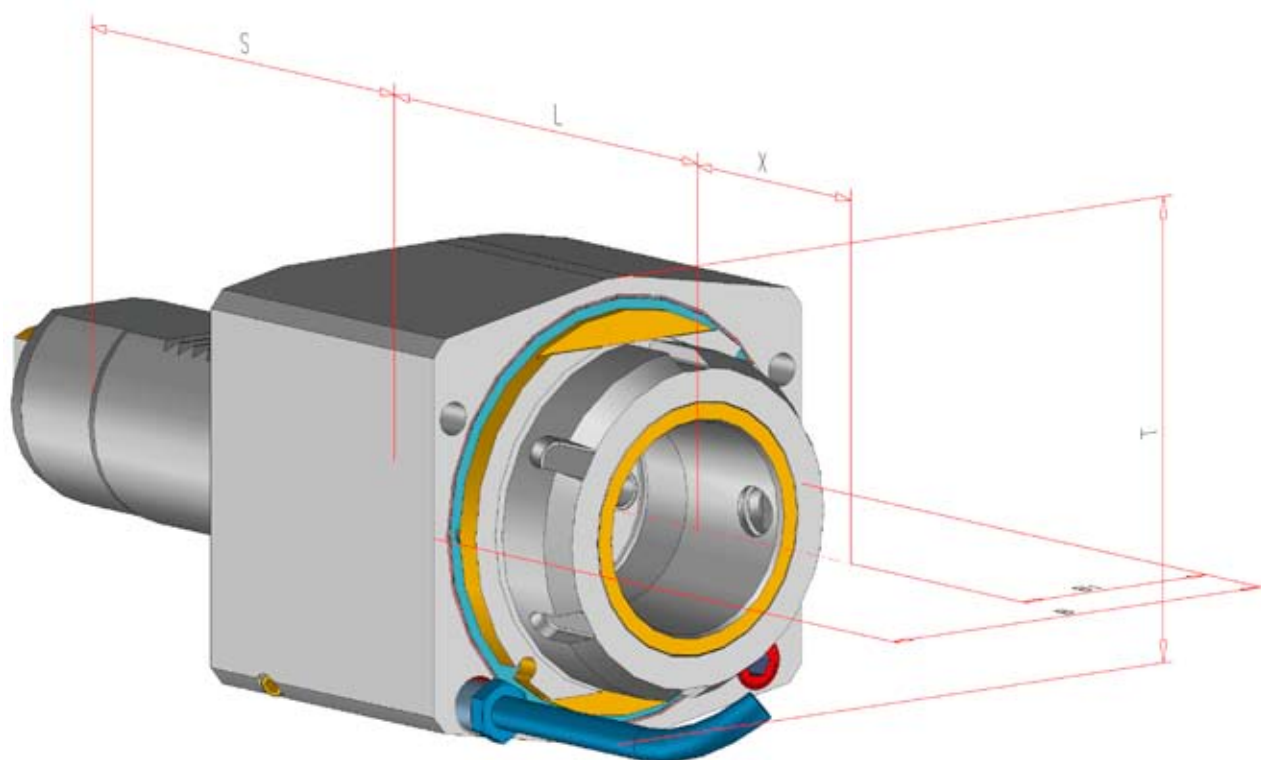
**Options and Accessories**

<b>mi Toolholders</b>		mi System Description Toolholders Accessories	275 278-283 283-284
<b>Standard VDI Toolholders</b>		VDI Toolholders Accessories	301-308 309-310
<b>Accessories</b>		Collets DIN 6499 Threading Collets Wrenches Clamping Nuts Sleeves and Bushings	309 309 309 309 310



## Straight Unit

for Manufacturer	
	
for Machine type	
<b>VL 3/5</b> <b>VSC 200/250</b>	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



Order No.	Tool holder	Clamping range mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Coolant	X mm	L mm	B mm	B1 mm	S mm	T mm	EMAG Ref. #
123916	ER 32	1,0-20	80 Nm	6.500 / 6.500	i = 1:1	external	-	80	80	40	85	89	374 8662
124305	ER 32	1,0-20	80 Nm	6.500 / 6.500	i = 1:1	internal	-	80	80	40	85	89	374 8530
124315	mi 50		80 Nm	6.500 / 6.500	i = 1:1	internal	-	80	80	40	85	89	-
124311	mi 40		80 Nm	6.500 / 6.500	i = 1:1	internal	-	80	80	40	85	89	-
124285	Hydro-Flex 20	6,0-20	80 Nm	6.500 / 6.500	i = 1:1	internal	-	85	80	40	85	89	678 8962
123947	ER 25	0,5-16	50 Nm	5.000 / 10.000	i = 1:2	external	-	155	90	40	85	120	398 6528

## Straight Unit, Offset type

for Manufacturer

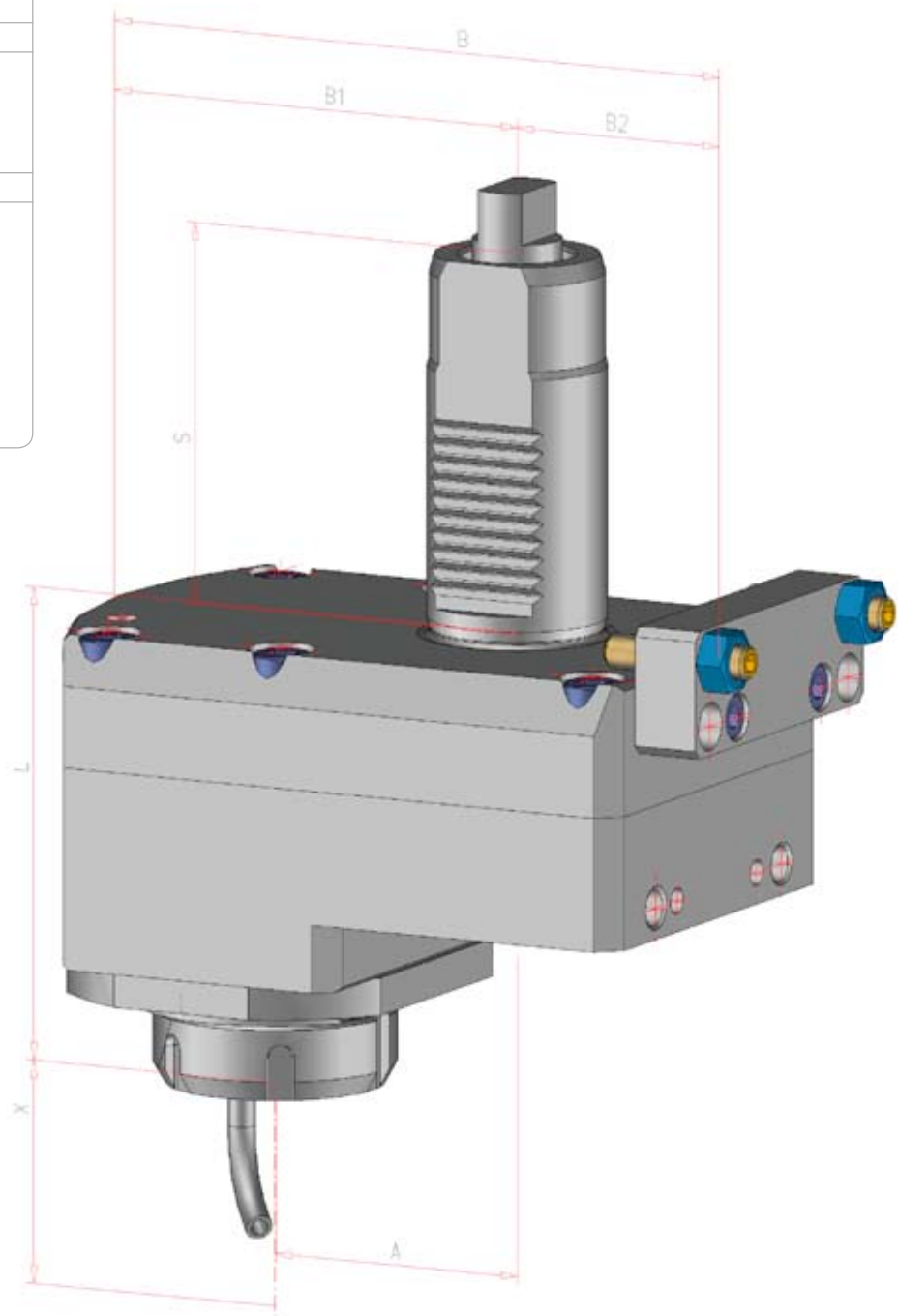


for Machine type

**VL 3/5**  
**VSC 200/250**


Dimensions

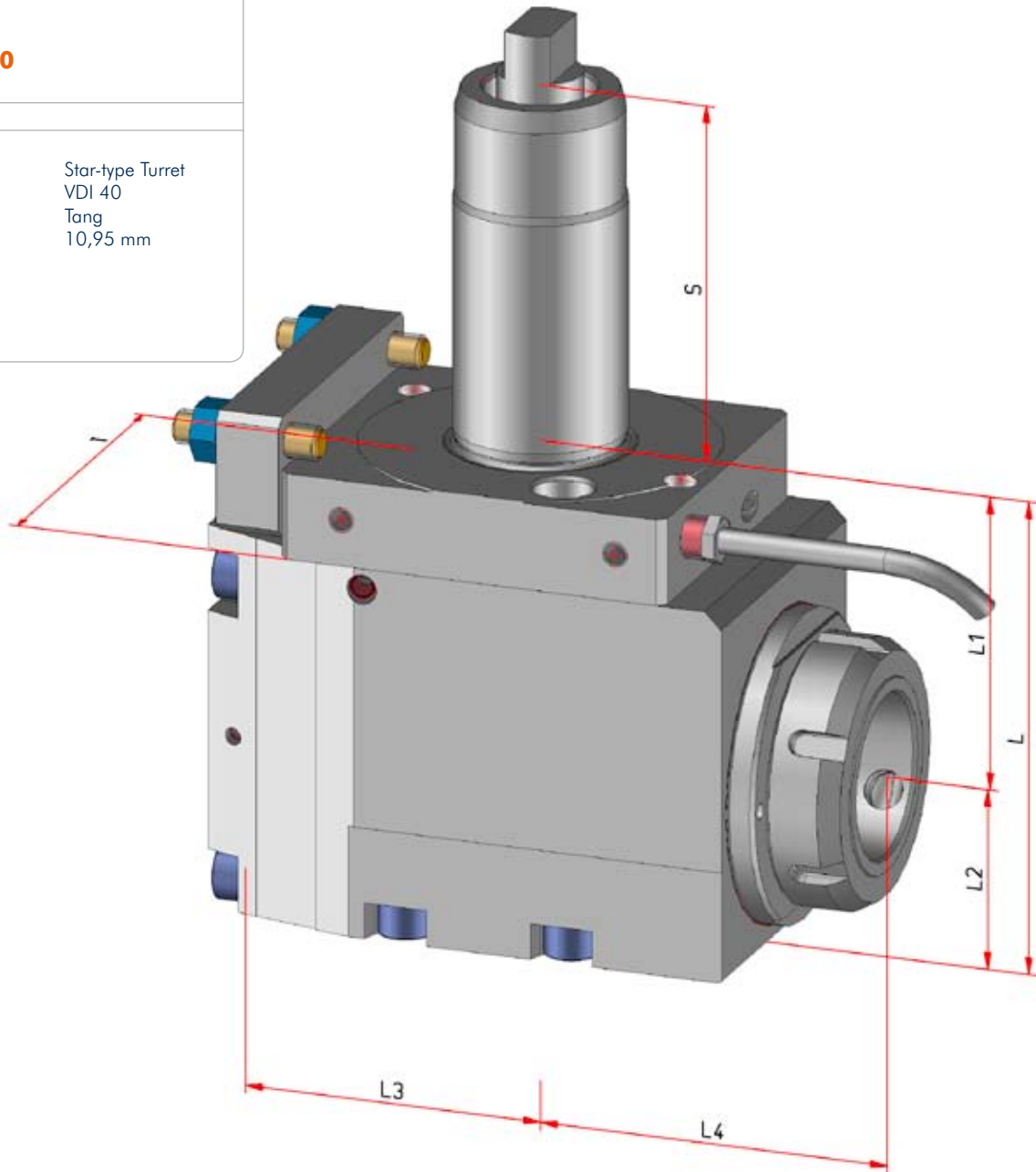
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



Order No.	Tool holder	Clamping range mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Coolant	X mm	L mm	A mm	B mm	B1 mm	B2 mm	S mm	T mm	EMAG Ref. #
124069	ER 25	0,5-16	50 Nm	5.000 / 10.000	i = 1:2	external	-	94	60	150	100	50	85	100	-
123720	ER 25	0,5-16	50 Nm	6.000 / 12.000	i = 1:2	internal	-	94	60	150	100	50	85	100	608 8090
123716	HF 20		40 Nm	6.000 / 12.000	i = 1:2,04	internal	-	105,5	60	150	100	50	85	100	
124077	ER 16	0,5-10	50 Nm	6.000 / 18.000	i = 1:3	external	-	87	60	140	90	50	85	100	


# Angle Unit

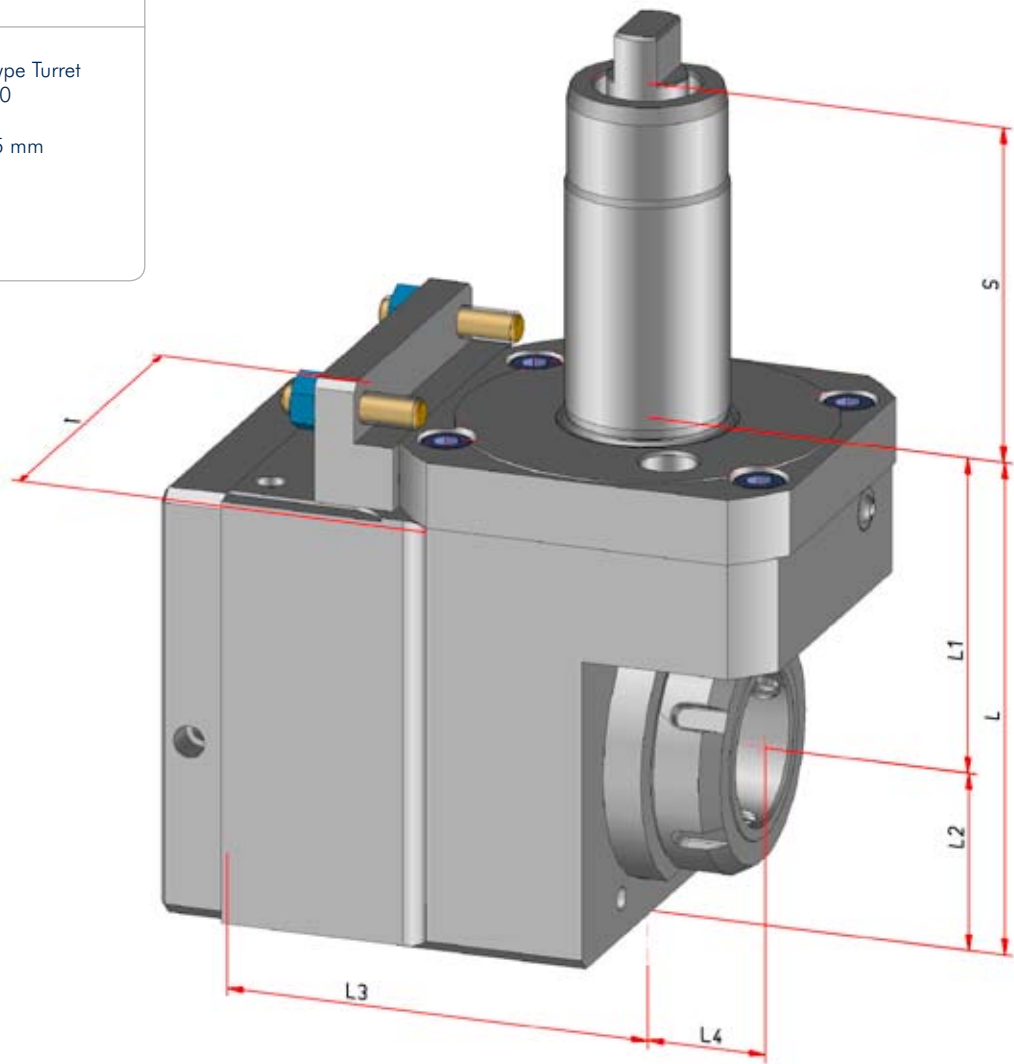
for Manufacturer	
	
for Machine type	
<b>VL 3/5</b> <b>VSC 200/250</b>	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



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	S mm	T mm	EMAG Ref. #
124659	ER 32	1,0-20	50 Nm	6.500 / 6.500	i = 1:1	external	113	70	43	71,0	70,0	85	80	-
124894	ER 32	1,0-20	50 Nm	6.500 / 6.500	i = 1:1	internal	110	70	40	75,5	70,0	85	85	374 8605
124896	mi 50		50 Nm	6.500 / 6.500	i = 1:1	internal	113	70	43	71,0	83,5	85	80	886 7707
124892	HF 20	6,0-20	50 Nm	5.200 / 5.200	i = 1:1	internal	110	70	40	75,5	82,0	85	85	-
124924	ER 25	0,5-16	20 Nm	6.000 / 12.000	i = 1:2	internal	110	70	40	73,5	75,0	85	80	-
124922	HF 20	6,0-20	20 Nm	6.000 / 12.000	i = 1:2	internal	109	70	39	72,5	92	85	80	-


# Angle Unit, Offset type

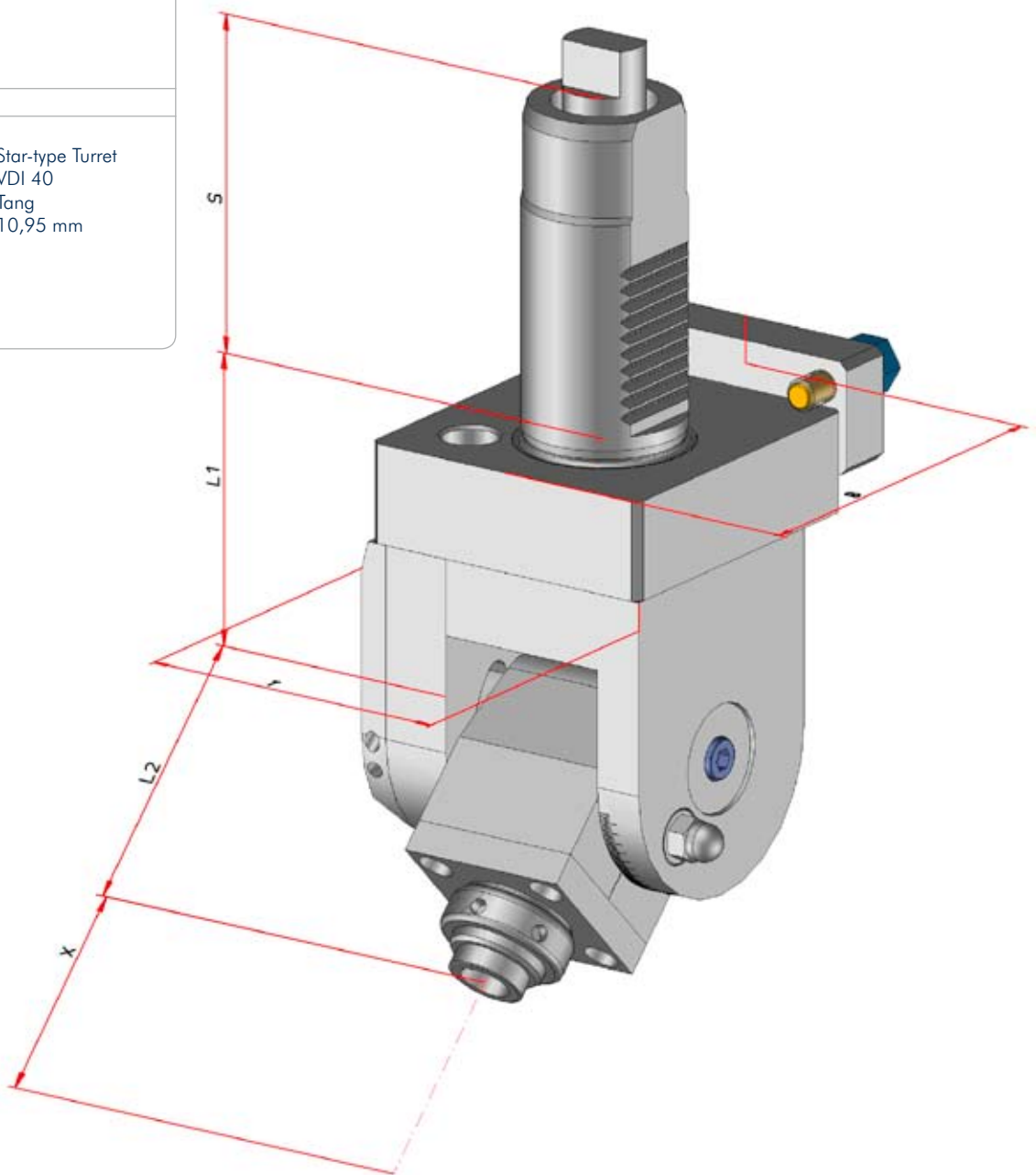
for Manufacturer	
	
for Machine type	
<b>VL 3/5</b> <b>VSC 200/250</b>	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



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	S mm	T mm	EMAG Ref. #
124757	ER 32	1,0-20	80 Nm	6.000 / 6.000	i = 1:1	external	117	75	42	110,0	20	85	84	407 8390
124897	ER 32	1,0-20	80 Nm	6.000 / 6.000	i = 1:1	internal	117	75	42	110,0	20	85	84	379 7222
124443	mi 50		80 Nm	6.000 / 6.000	i = 1:1	internal	125	80	45	107,5	50	85	96	-


# Angle Unit, adjustable 0-100°

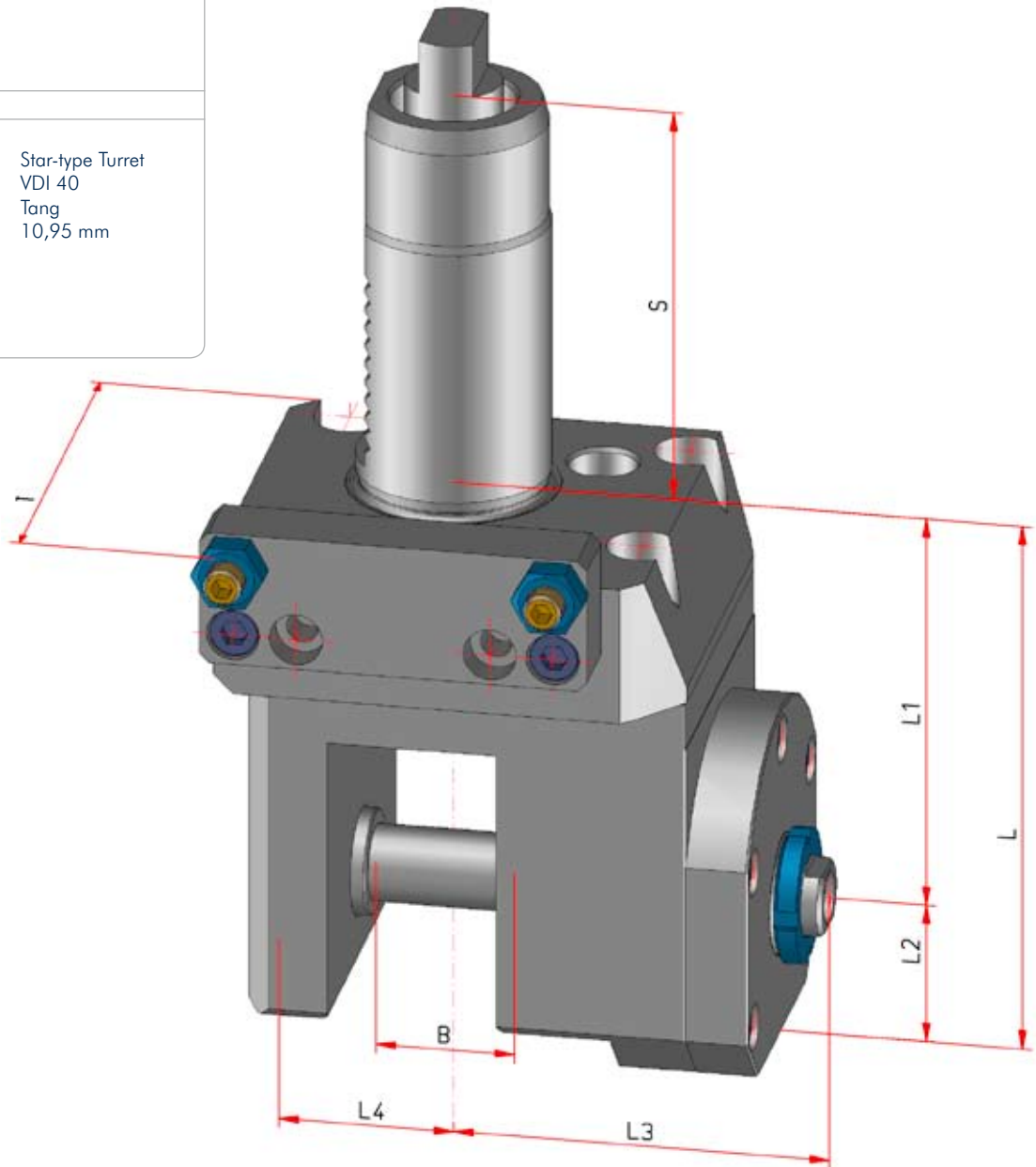
for Manufacturer	
	
for Machine type	
<b>VL 3/5</b> <b>VSC 200/250</b>	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



Order No.	Tool holder	Clamping range mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Coolant	X mm	L mm	L1 mm	L2 mm	B mm	S mm	T mm	EMAG Ref. #
125035	ER 16	0,5-10	6 Nm	6.500 / 6.500	i = 1:1	external	-	134,5	73,5	61	80,5	85	84	0409.136
125057	ER 16	0,5-10	6 Nm	3.500 / 14.000	i = 1:4	external	-	134,5	73,5	61	80,5	85	84	628 6256

# Saw Blade Holder

for Manufacturer	
	
for Machine type	
<b>VL 3/5</b> <b>VSC 200/250</b>	
Dimensions	
Turret type	Star-type Turret
Shank	VDI 40
Drive	Tang
SW	10,95 mm



Order No.	Fitting dia. mm	Torque max.	n1/n2 (max.) (r.p.m.)	Gear Ratio	Kühlung	L mm	L1 mm	L2 mm	L3 mm	L4 mm	B mm	S mm	T mm	EMAG Ref. #
125115	16	20 Nm	6.500 / 2.450	i = 2,66:1	external	115	85	20,5	68	36	30	85	84	394 0178
125116	22	20 Nm	6.500 / 2.450	i = 2,66:1	external	115	85	20,5	68	36	25	85	84	-
125124	22	40 Nm	6.500 / 2.450	i = 2,66:1	external	130	95	20,5	78	36	25	85	84	-