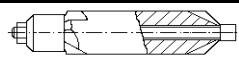
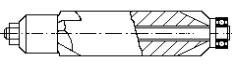
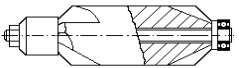
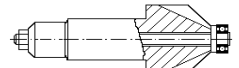
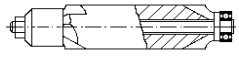
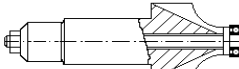
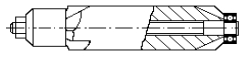
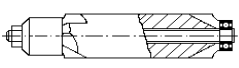
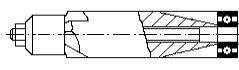
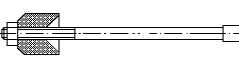
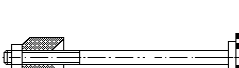



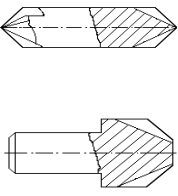
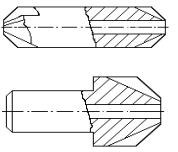

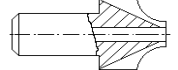
## Engra Carbide Cutters for Contours for Engra T

### CUTTERS INCLUDED GUIDE BALL BEARING

	Cutter Ø (mm)-shape	ball bearing Ø (mm)	Thickness min.	For mate- rial	Art.Nr.	Pc. in assort.		
						T0	T1	T2
<b>CUTTERS FOR 45°- 60° EDGES</b>								
	6-45°	pilot Ø 2.6	0.5	S	1200.12			1
	6-45°	pilot Ø 2.6	0.5	A	1200.22			
	6-45°	KL Ø 3	1.5	S	1200.13			
	6-45°	KL Ø 3	1.5	A	1200.23			
	6-45°	KL Ø 4	3	S	1200.14	1	1	1
	6-45°	KL Ø 4	3	A	1200.24			
	6-60°	KL Ø 3	2	S+A	1200.63			
	6-60°	KL Ø 4	3.5	S+A	1200.64			
	8-45°	KL Ø 4	3	S	1500.14		1	1
	8-45°	KL Ø 4	3	A	1500.24	1	1	1
	8-45°	KL Ø 5	3.5	S	1500.15			
	8-45°	KL Ø 5	3.5	A	1500.25			
	8-45°	KL Ø 6	4	S	1500.16			
	8-45°	KL Ø 6	4	A	1500.26			
	10-45°	KL Ø 4	3	S	1300.14			
	10-45°	KL Ø 4	3	A	1300.24			
	10-45°	KL Ø 6	4	S	1300.16			
	10-45°	KL Ø 6	4	A	1300.26		1	1
	10-45°	KL Ø 8	5	S	1300.18			
	10-45°	KL Ø 8	5	A	1300.28			
<b>CUTTERS FOR ROUNDED EDGES</b>								
	6-Radius 0.5	KL Ø 4	3	S+A	1205.14			
	6-Radius 1.0	KL Ø 4	3.5	S+A	1210.14			1
	8-Radius 1.0	KL Ø 4	4	S+A	1510.14			
	8-Radius 1.5	KL Ø 4	4	S+A	1515.14			1
	8-Radius 2.0	KL Ø 4	4.5	S+A	1520.14			
	10-Radius 1.0	KL Ø 4	4	S+A	1410.14			
	10-Radius 1.5	KL Ø 4	4	S+A	1415.14			
	10-Radius 2.0	KL Ø 4	4.5	S+A	1420.14			
	10-Radius 2.5	KL Ø 4	5	S+A	1425.14			
	10-Radius 3.0	KL Ø 4	5.5	S+A	1430.14			
	<b>CUTTERS FOR THIN PARTS AND SHEETS</b>							
	6-45°	KL Ø 4	0.5	S	1200.34			
	6-45°	KL Ø 4	0.5	A	1200.44			
	8-45°	KL Ø 4	0.5	S	1500.34			
	8-45°	KL Ø 4	0.5	A	1500.44			
	6-Radius 0.5	KL Ø 4	0.8	S+A	1205.34			
	6-Radius 1.0	KL Ø 4	1.3	S+A	1210.34			
	8-Radius 1.0	KL Ø 4	1.8	S+A	1510.34			
	8-Radius 1.5	KL Ø 4	1.8	S+A	1515.34			
	8-Radius 2.0	KL Ø 4	2.3	S+A	1520.34			
<b>COPYING CUTTERS</b>								
	06-May	KL Ø 5	0.3	S+A	1295.35			
	6	KL Ø 6	0.3	S+A	1296.36			
<b>SPARE GUIDE BALL BEARINGS WITH PATENTED SELF-CENTERING PILOT</b>								
	Ball bearing (mm)	thread						
	For cutter Ø 6 mm							
	Zapfen Ø 2.6	M 1.4			1101.00			
	Ø 3	M 1.4			1103.00			
	Ø 4	M 1.4			1104.00			
	For cutter Ø 8 und 10 mm							
	Ø 4	M 1.6			1204.00			
	Ø 5	M 1.6			1205.00			
	Ø 6	M 1.6			1206.00			
	Ø 8	M 1.6			1208.00			
	For cutter for thin parts							
	Ø 4	M 1.6			1204.30			

# Engra Carbide Cutters for Contours for Engra T

FOR USE WITH STRAIGHT EDGE OR GUIDE FINGERS

	Cutter Ø (mm)-shape	bore Ø (mm) / without	for material	Art. Nr.	Pc. in Assort.			
					T0	T1	T2	
<b>CUTTERS FOR 45° EDGES</b>								
	6-45°	without	S	1250.10	1	1	1	
	6-45°	without	A	1250.20				
	6-45°	without	EXTRA	1260.10				
	6-30°	without	S+A	1250.30				
	6-60°	without	S+A	1250.60				
	8-45°	without	S	1550.10		1	1	
	8-45°	without	A	1550.20		1	1	
	10-45°	without	S	1350.10				
	10-45°	without	A	1350.20	1	1	1	
		6-45°	with Ø 1.7	S	1200.10			
6-45°		Ø 1.7	A	1200.20				
8-45°		Ø 1.7	S	1500.10				
8-45°		Ø 1.7	A	1500.20				
10-45°		Ø 1.7	S	1300.10				
10-45°		Ø 1.7	A	1300.20				
<b>CUTTERS FOR ROUNDED EDGES</b>								
	6-Radius 0,5	Ø 1.7	S+A	1205.10				
	6-Radius 1,0	Ø 1.7	S+A	1210.10				
	8-Radius 1,0	Ø 1.7	S+A	1510.10				
	8-Radius 1,5	Ø 1.7	S+A	1515.10				
	8-Radius 2,0		S+A	1520.10				
	10-Radius 1,0	Ø 1.7	S+A	1410.10				
	10-Radius 1,5	Ø 1.7	S+A	1415.10				
	10-Radius 2,0	Ø 1.7	S+A	1420.10				
	10-Radius 2,5	Ø 1.7	S+A	1425.10				
	10-Radius 3,0	Ø 1.7	S+A	1430.10				
<b>TOOL SETS IN PLASTIC BOX</b>								
	involve	Pieces in assort.		1600.08				
		cutter	g-finger					
	Assortement T0	4	2					1601.13
	Assortement T1	8	3					1602.20
Assortement T2	12	5						



