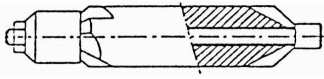
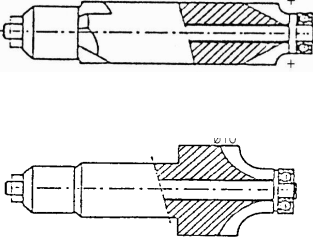
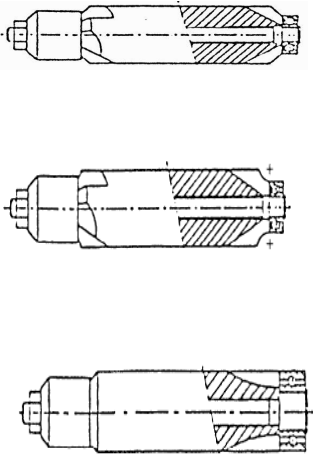
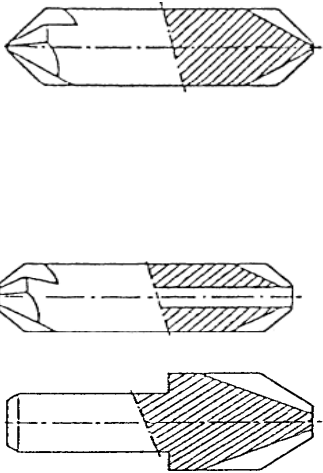
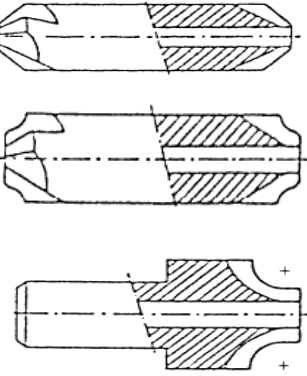
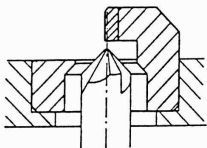
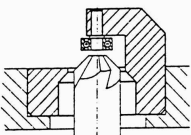


	hard alloy cutter ø-form (mm)	ball-bearing KL Ø (mm)	smallest material thickness	appropriate for material	article No.
	cutter for 45° edges				
	6-45°	stud 2,6	0,5	S + A	1200.12
	6-45°	KL 3	1,5	S + A	1200.13
	6-45°	KL 4	3,0	S + A	1200.14
	6-45°	KL 5	3,0	S + A	1200.15
	8-45°	KL 4	3,0	S + A	1500.14
	8-45°	KL 5	3,5	S + A	1500.15
	10-45°	KL 4	3,0	S + A	1300.14
	10-45°	KL 5	3,0	S + A	1300.15
	10-45°	KL 4	3,0	S + A	1330.14
10-45°	KL 5	3,0	S + A	1330.15	
	cutter for rounded edges				
	6-radius 0,5	KL 4	3,0	S + A	1205.14
	6-radius 1,0	KL 4	3,5	S + A	1210.14
	8-radius 1,5	KL 4	4,0	S + A	1515.14
	8-radius 2,0	KL 4	4,5	S + A	1520.14
	10-radius 1,5	KL 4	4,0	S + A	1415.14
	10-radius 2,0	KL 4	4,5	S + A	1420.14
	10-radius 2,5	KL 4	5,0	S + A	1425.14
10-radius 3,0	KL 4	5,5	S + A	1430.14	
	cutter for thin pars and sheet metal				
	6-45°	KL 4	0,5	S + A	1200.34
	8-45°	KL 4	0,5	S + A	1500.34
	6-radius 0,5	KL 4	0,8	S + A	1205.34
	6-radius 1,0	KL 4	1,3	S + A	1210.34
	8-radius 1,5	KL 4	1,8	S + A	1515.34
	8-radius 2,0	KL 4	2,3	S + A	1520.34
	copy cutter				
	6-zylindr.	without guide			1296.10
	6-zylindr.	KL 6	0,3	S + A	1296.36
S=appropriate for steel, tool steel and cast steel A=appropriate for aluminium, nonferrous metal and synthetic material					

	hard alloy cutter ø-form (mm)	boring or not Ø (mm) / form		appropriate for material	article No.	
	cutter for 45° edges					
	6-45°	no boring		S + A	1250.10	
	6-45°	no boring		extra *	1260.10	
	8-45°	no boring		S + A	1550.10	
	10-45°	no boring/3teeth		S + A	1350.10	
	10-45°	no boring/5 teeth		S + A	1350.20	
	10-45°	no boring/11 teeth		S + A	1350.30	
	6-45°	Ø 1,7/3teeth		S + A	1200.10	
	8-45°	Ø 1,7/3teeth		S + A	1500.10	
	10-45°	Ø 1,7/3 teeth		S + A	1300.10	
	10-45°	Ø 1,7/11 teeth		S + A	1311.10	
	10-45°	Ø 1,7/3 teeth		S + A	1330.10	
	spiral-toothed					
end mill for prism						
Ø 8, 4 teeth, length 60 mm				S + A	1603.00	
Ø 8, 4 teeth, length 60 mm coated				extra *	1604.00	
	cutter for rounded edges					
	6-radius 0,5	Ø 1,7		S + A	1205.10	
	6-radius 1,0	Ø 1,7		S + A	1210.10	
	6-radius 0,5	Ø 1,7 for thin material		S + A	1205.20	
	8-radius 1,5	Ø 1,7		S + A	1515.10	
	8-radius 2,0	Ø 1,7		S + A	1520.10	
	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	
	guidance ball bearing with patented self-centering					
	ball bearing Ø (mm)	thread-pin ø				
	for cutter ø 6 with boring ø 1,45 mm or more					
stud 2,6	M 1,6				1101.00	
for cutter ø 6, 8 and 10 mm						
Ø 3,0	M 1,6				1203.00	
Ø 4,0	M 1,6				1204.00	
Ø 5,0	M 1,6				1205.00	
Ø 6,0	M 1,6				1206.00	
for cutter ø 6, 8 and 10 mm for thin material						
Ø 4,0	M 1,6				1204.30	
Ø 6,0	M 1,6 also for article 1296.36				1206.30	
* extra= appropriate for hardly workable steel						

	Ø mm	ball-bearing (mm)	bore (mm)		article No.
	guide finger				
	to the salient angle		8	Gr. 0	1600.10
for hard alloy cutter 6 mm to taper bi-parting (article No. 1250.10)					
	guide finger without height adjustable ball-bearing				
	6	KL 3	8	Gr. 1	1600.21
	guide finger with height adjustable ball-bearing				
	6	pin 2 mm	8	Gr. 1	1600.20
	6	KL 4	8	Gr. 2	1600.22
	6, 8, 10	KL 4	12	Gr. 2	1600.23
	6, 8, 10	KL 5	12	Gr. 3	1600.50
	8, 10	KL 6	12	Gr. 3	1600.60
guide pin for guide finger with ball-bearing					
Ø 4					1610.04
Ø 5					1610.05
Ø 6					1610.06
VHM-NC-deburring with 4 cutting edge					
Set (apiece 1x Ø 6, 8, 10, 12 mm)					1700.00
Ø 6 mm					1700.06
Ø 8 mm					1700.08
Ø 10 mm					1700.10
Ø 12 mm					1700.12