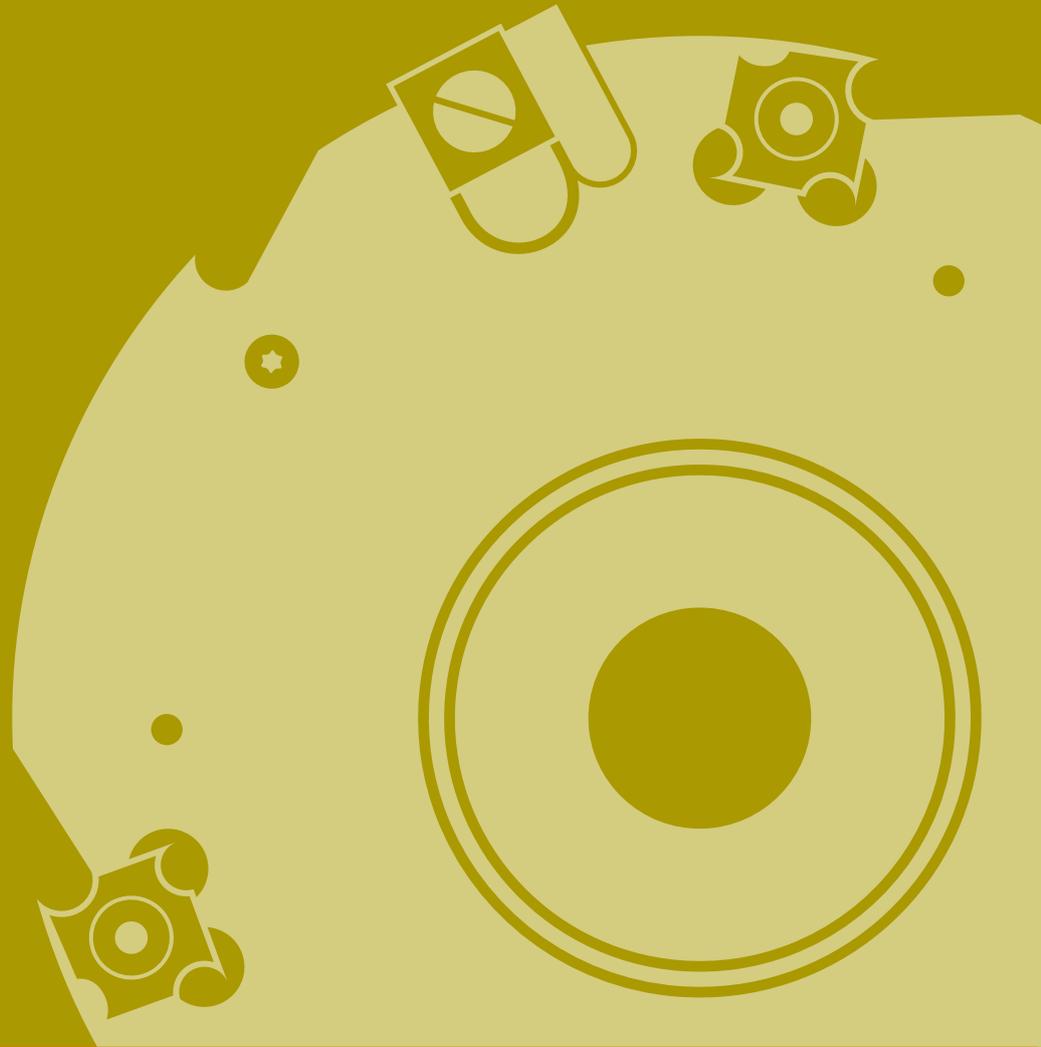




КОНЦЕВОЙ ИНСТРУМЕНТ

КОНЦЕВОЙ ИНСТРУМЕНТ

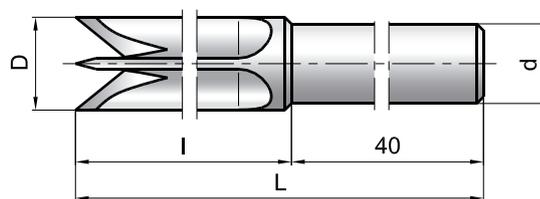
12



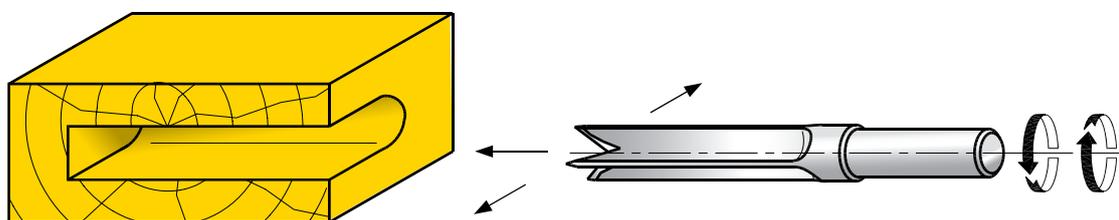
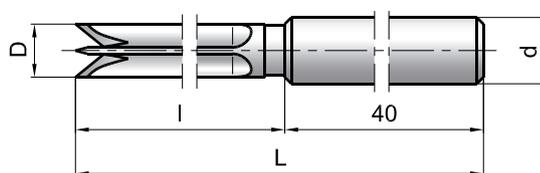
80.01.XX

12

Тип 1



Тип 2

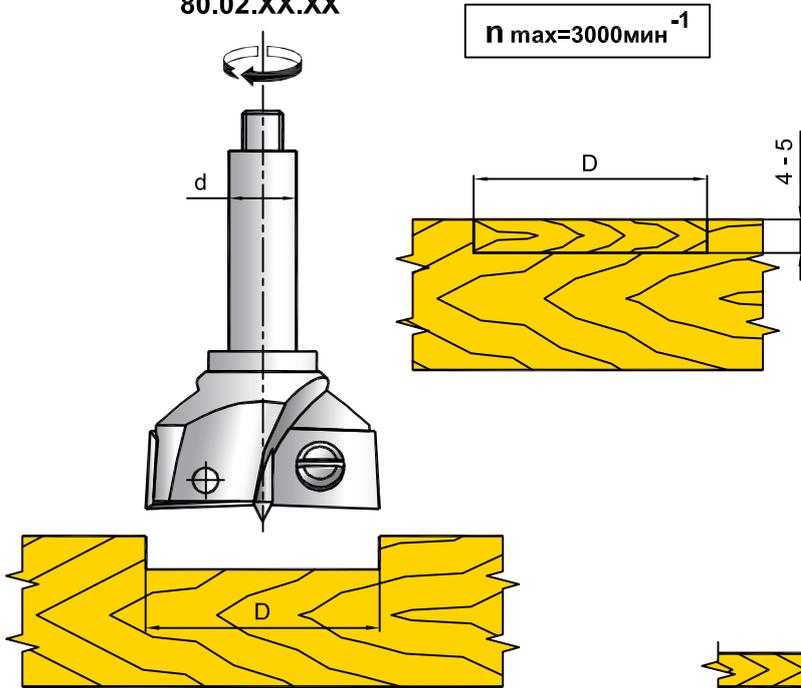


*** Примечание:**

Для фрез с $D > 14$ мм глубина резания (l) определяется по согласованию с заказчиком.

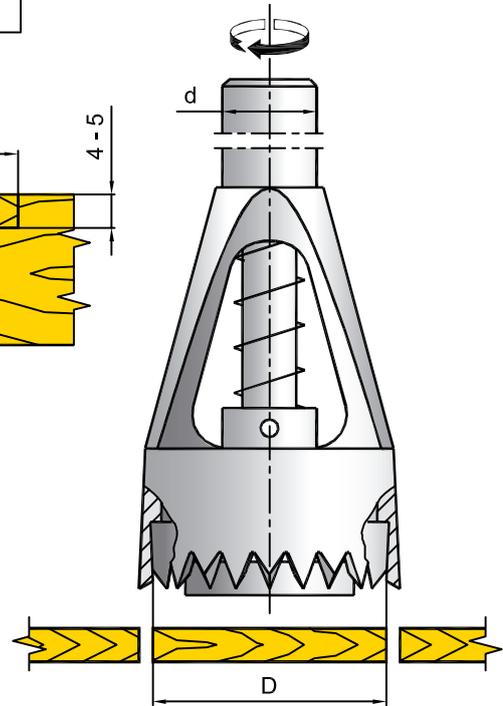
Обозначение фрезы	Тип	D* мм	d мм	L мм	l мм
80.01.08	2	8	10	125	85
80.01.10	1	10	10	125	85
80.01.12	1	12	12	125	85
80.01.14	1	14	12	125	85
80.01.16	1	16	12	125	85
80.01.18	1	18	12	125	85
80.01.20	1	20	12	125	85
80.01.22	1	22	12	125	85

Концевая фреза для
выборки гнезд
80.02.XX.XX



80.02.XX.XX
80.03.XX.XX

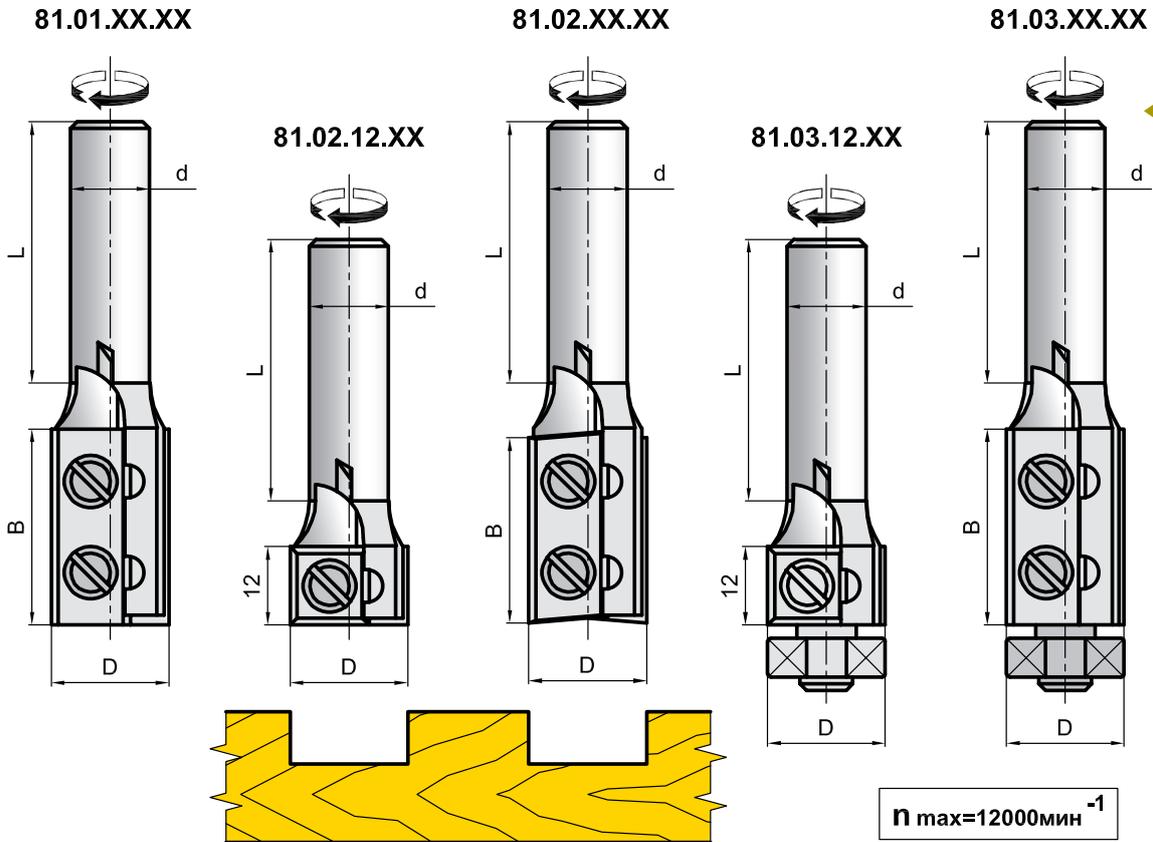
Концевая фреза для для
изготовления заглушек
80.03.XX.XX



Ножи Z						
80.02.20.01	80.02.25.01	80.02.30.01	80.02.34.01	80.02.35.01	80.02.40.01	80.02.50.01
Обозначение фрезы	D мм	d мм	Ножи Z			
			Обозначение	Кол.		
80.02.20.10	20	10	80.02.20.01	2		
80.02.25.10	25	10	80.02.25.01	2		
80.02.30.10	30	10	80.02.30.01	2		
80.02.34.10	34	10	80.02.34.01	2		
80.02.35.10	35	10	80.02.35.01	2		
80.02.40.10	40	10	80.02.40.01	2		
80.02.50.10	50	10	80.02.50.01	2		
80.03.15.14	15	14	-	-		
80.03.20.14	20	14	-	-		
80.03.25.14	25	14	-	-		
80.03.30.14	30	14	-	-		
80.03.35.14	35	14	-	-		
80.03.40.14	40	14	-	-		
80.03.50.14	50	14	-	-		

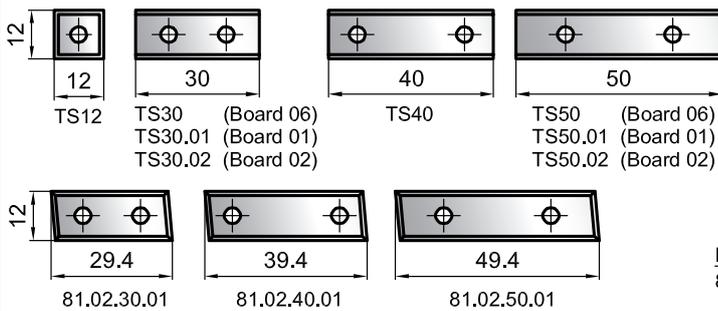
81.01.XX.XX
81.02.XX.XX
81.03.XX.XX

12



$n_{max}=12000\text{мин}^{-1}$

Ножи



Расшифровка обозначения фрезы:

81.0X.XX.XX.X.dd

- тип
- диаметр хвостовика
- материал ножей:
 - 0 - Board 06 (по древесине)
 - 1 - Board 01 (по MDF и ДСП)
 - 2 - Board 02 (по MDF и ДСП)
- диаметр резания
- ширина резания

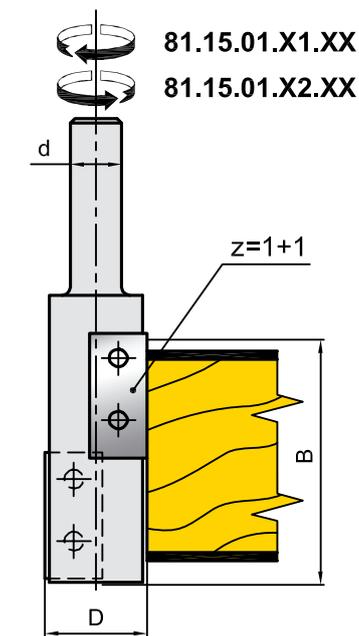
Пример обозначения фрезы:

81.01.50.19.1.12 - фреза типа 01, шириной 50мм, диаметр 19мм, ножи - Board 01, хвостовик d=12мм

Обозначение фрезы	D мм	d мм	B мм	L мм	Ножи	
					Обозначение	Кол.
81.01.30.19.X.12	19	12	30	50	TS30 / TS30.01/02	2
81.01.40.19.X.12	19	12	40	50	TS40	2
81.01.50.19.X.12	19	12	50	50	TS50 / TS50.01/02	2
81.02.12.19.X.12	19	12	12	50	TS12	2
81.02.30.19.X.12	19	12	28	50	81.02.30.01	2
81.02.40.19.X.12	19	12	38	50	81.02.40.01	2
81.02.50.19.X.12	19	12	48	50	81.02.50.01	2
81.03.12.19.X.12	19	12	12	50	TS12	2
81.03.30.19.X.12	19	12	30	50	TS30 / TS30.01/02	2
81.03.40.19.X.12	19	12	40	50	TS40	2
81.03.50.19.X.12	19	12	50	50	TS50 / TS50.01/02	2

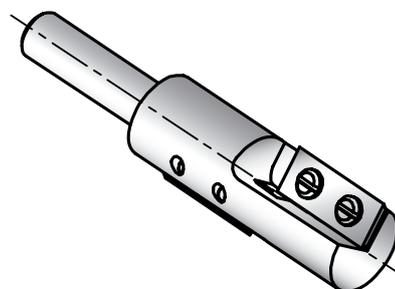
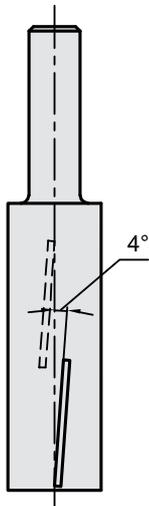
81.15.0X.XX.XX

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81.15.01.X1.XX

81.15.01.X2.XX



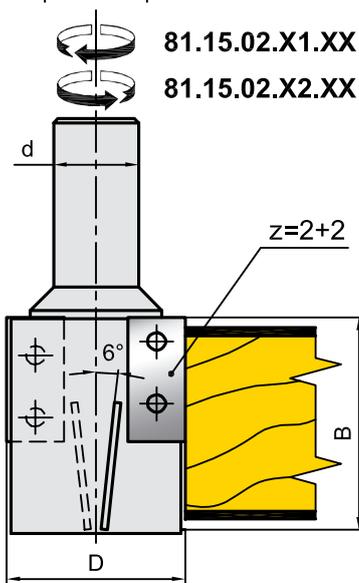
Структура обозначения фрез:

81.15.0X.XX.XX

класс фрезы —
конструктивное исполнение —
тип ножевой схемы (z) —
— посадочный диаметр (d)
— направление вращения
инструмента:
1 - правое;
2 - левое.

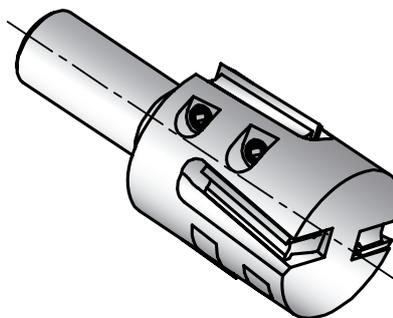
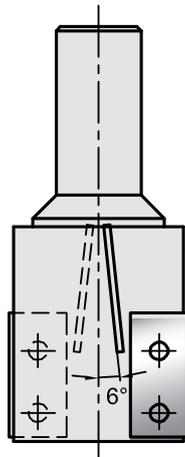
материал ножей:

0 - Board06 для обработки древесины;
1 - Board01 для обработки MDF и ДСП;
2 - Board02 для обработки MDF и ДСП;



81.15.02.X1.XX

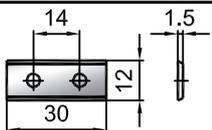
81.15.02.X2.XX



Ножи Z

Материал ножа

Board 06	---	TS30
Board 01	---	TS30.01
Board 02	---	TS30.02



Пример обозначения:

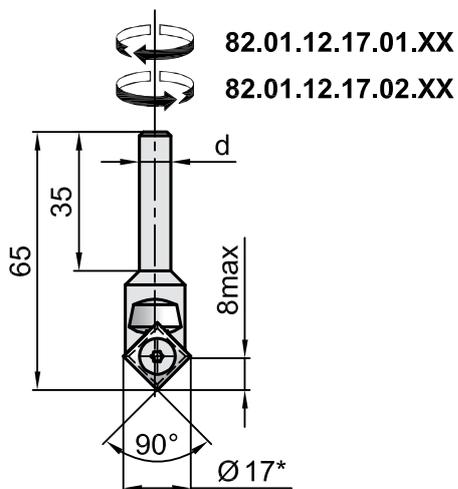
81.15.01.01.14 - фреза типа 1 (z=1+1), ножи - Board01, правого вращения, диаметр хвостовика 14мм

Примечание:

Возможна доукомплектация фрез роликами для работы по шаблону.

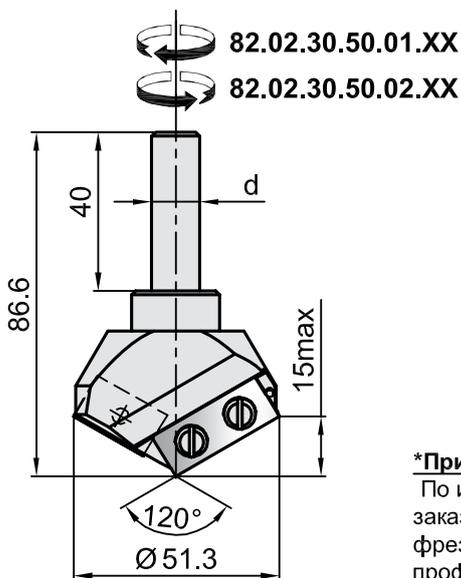
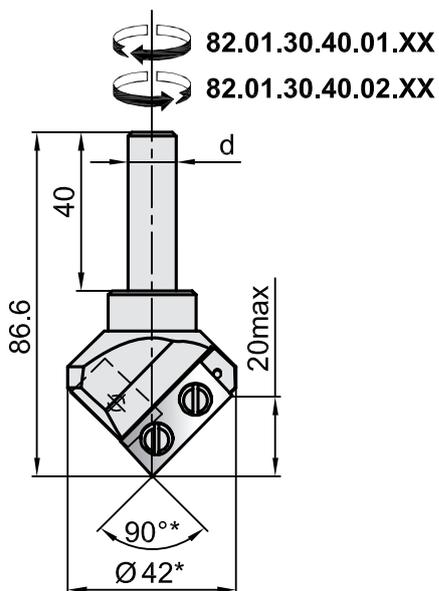
Обозначение фрезы	D мм	d мм	B мм	Ножи Z	
				Обозначение	Кол.
81.15.01.0X.XX	24	12 - 16	58	TS30 (Board06)	1 + 1
81.15.01.1X.XX	24	12 - 16	58	TS30.01 (Board01)	1 + 1
81.15.01.2X.XX	24	12 - 16	58	TS30.02 (Board02)	1 + 1
81.15.02.0X.XX	42	16 - 25	50	TS30 (Board06)	2 + 2
81.15.02.1X.XX	42	16 - 25	50	TS30.01 (Board01)	2 + 2
81.15.02.2X.XX	42	16 - 25	50	TS30.02 (Board02)	2 + 2

82.0X.XX.XX.0X.XX



Структура обозначения фрез:

82.0X.XX.XX.0X.XX



*Примечание:

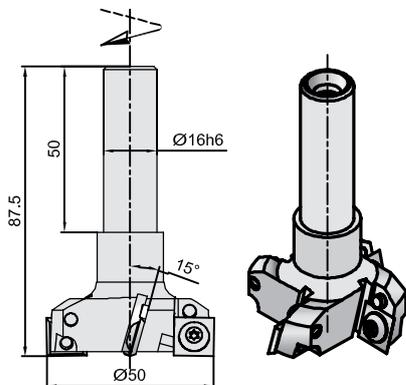
По индивидуальному заказу изготавливаются фрезы с углом профиля 60°-120°.

Обозначение фрезы	D мм	d мм	B мм	Ножи Z	
				Обозначение	Кол.
82.01.12.17.01.XX	17	8 - 16	8	82.01.12.17.01.01	1
82.01.12.17.02.XX	17	8 - 16	8	82.01.12.17.02.01	1
82.02.12.17.01.XX	17.8	8 - 16	8	TS12	1
82.02.12.17.02.XX	17.8	8 - 16	8	TS12	1
82.01.30.40.01.XX	42	12 - 16	20	82.01.30.01.01	1
				TS20	1
82.01.30.40.02.XX	42	12 - 16	20	82.01.30.02.01	1
				TS20	1
82.02.30.50.01.XX	51.3	12 - 16	15	TS30	1
				TS20	1
82.02.30.50.02.XX	51.3	12 - 16	15	TS30	1
				TS20	1

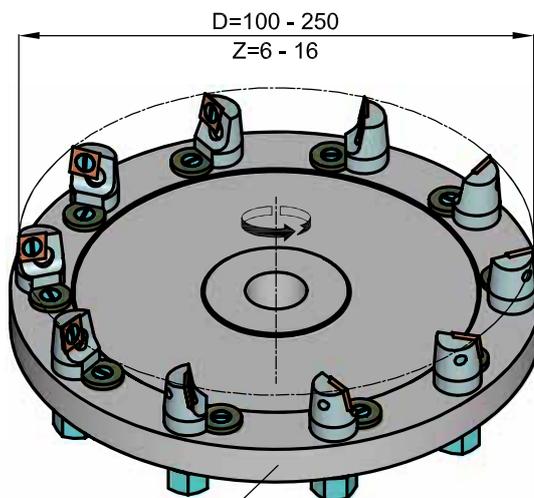
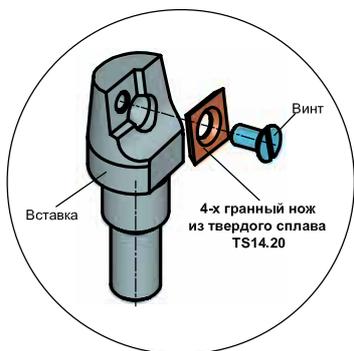
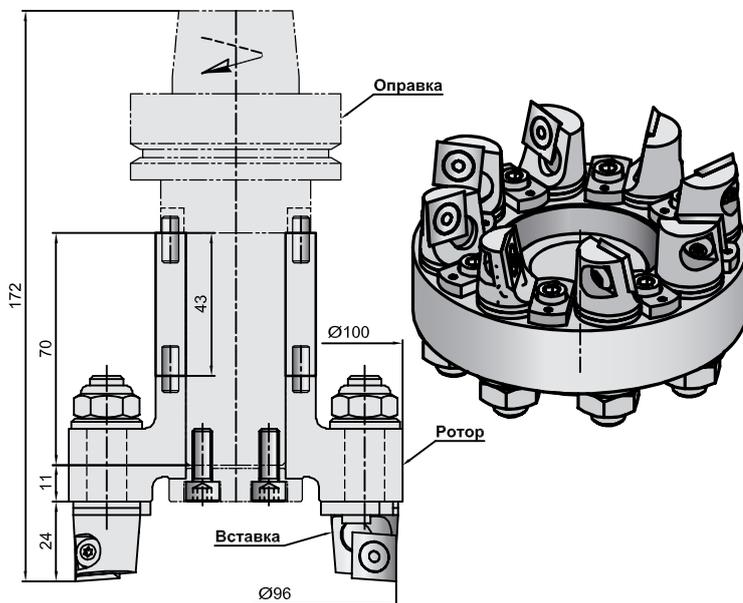
80.XXXX

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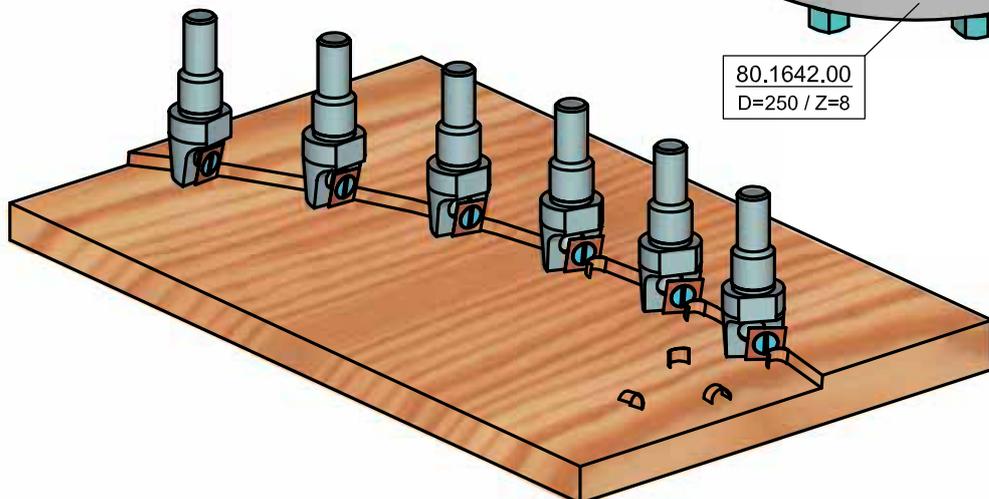
81.6034.01



Группа роторная
 88.6249.10



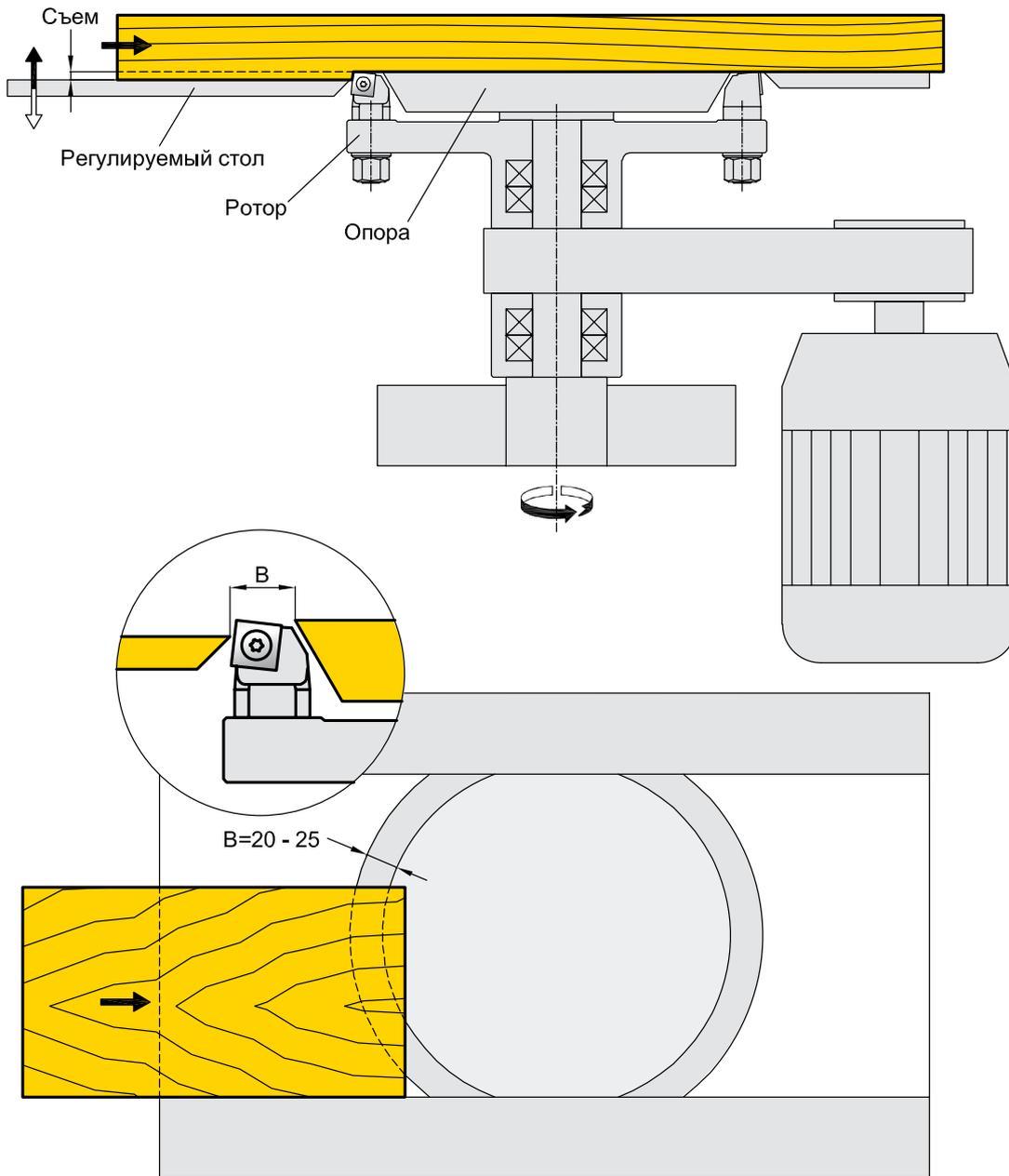
80.1642.00
 D=250 / Z=8



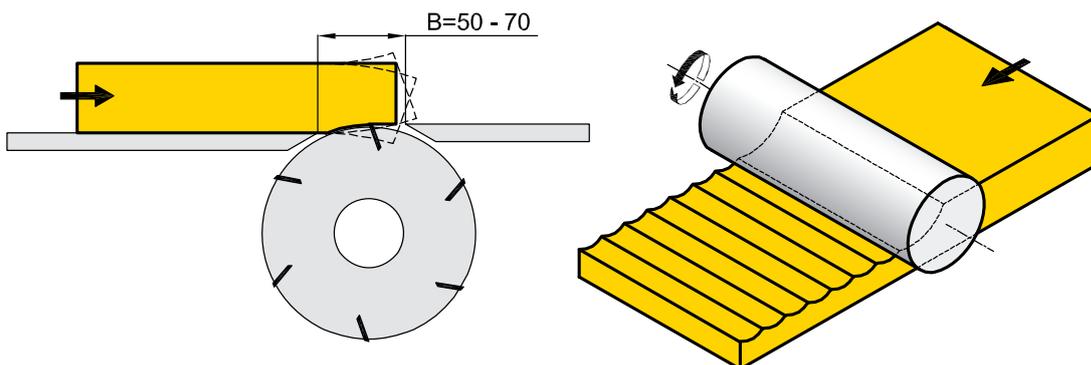
80.XXXX

12

Схема роторного строгания.

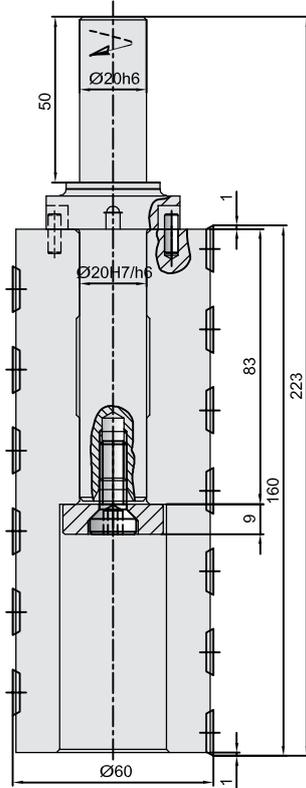


Традиционная схема строгания.

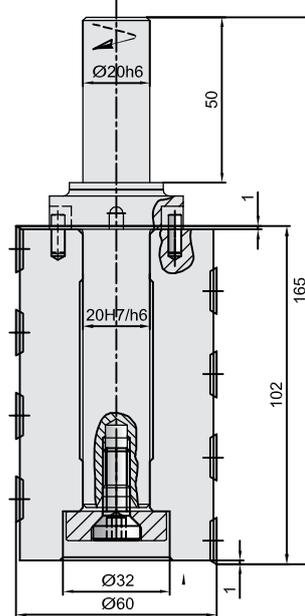


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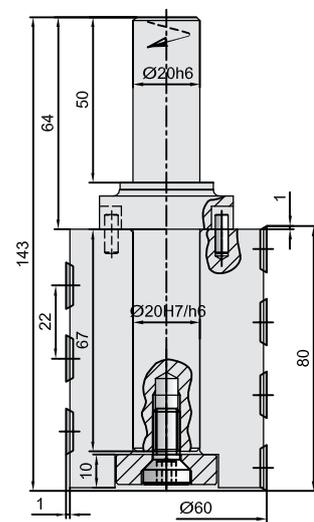
93.160.3.060.00.0.1.20



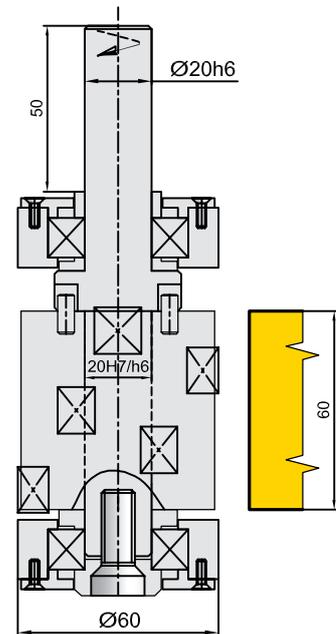
93.100.3.060.00.0.1.20



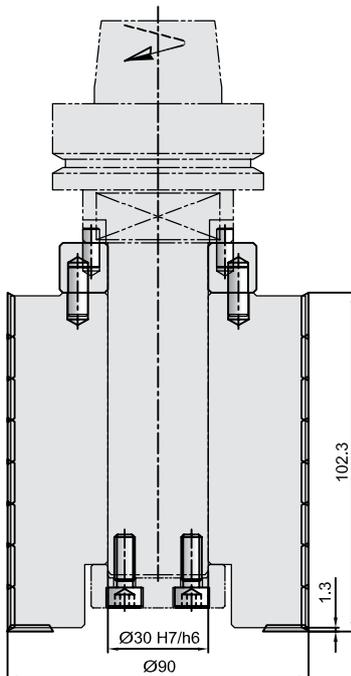
93.080.060.20



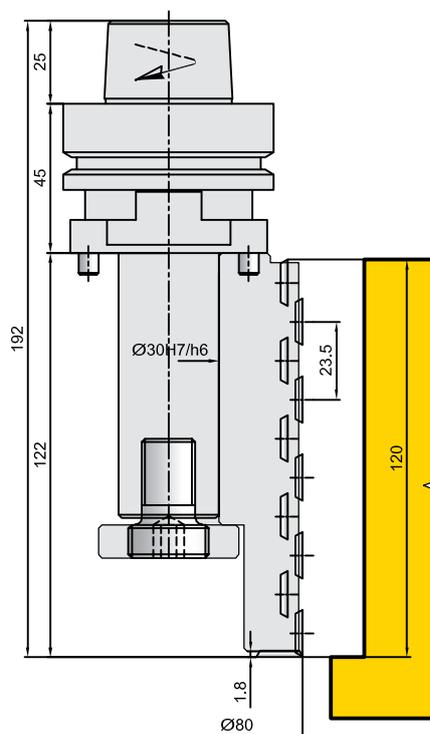
93.060.060

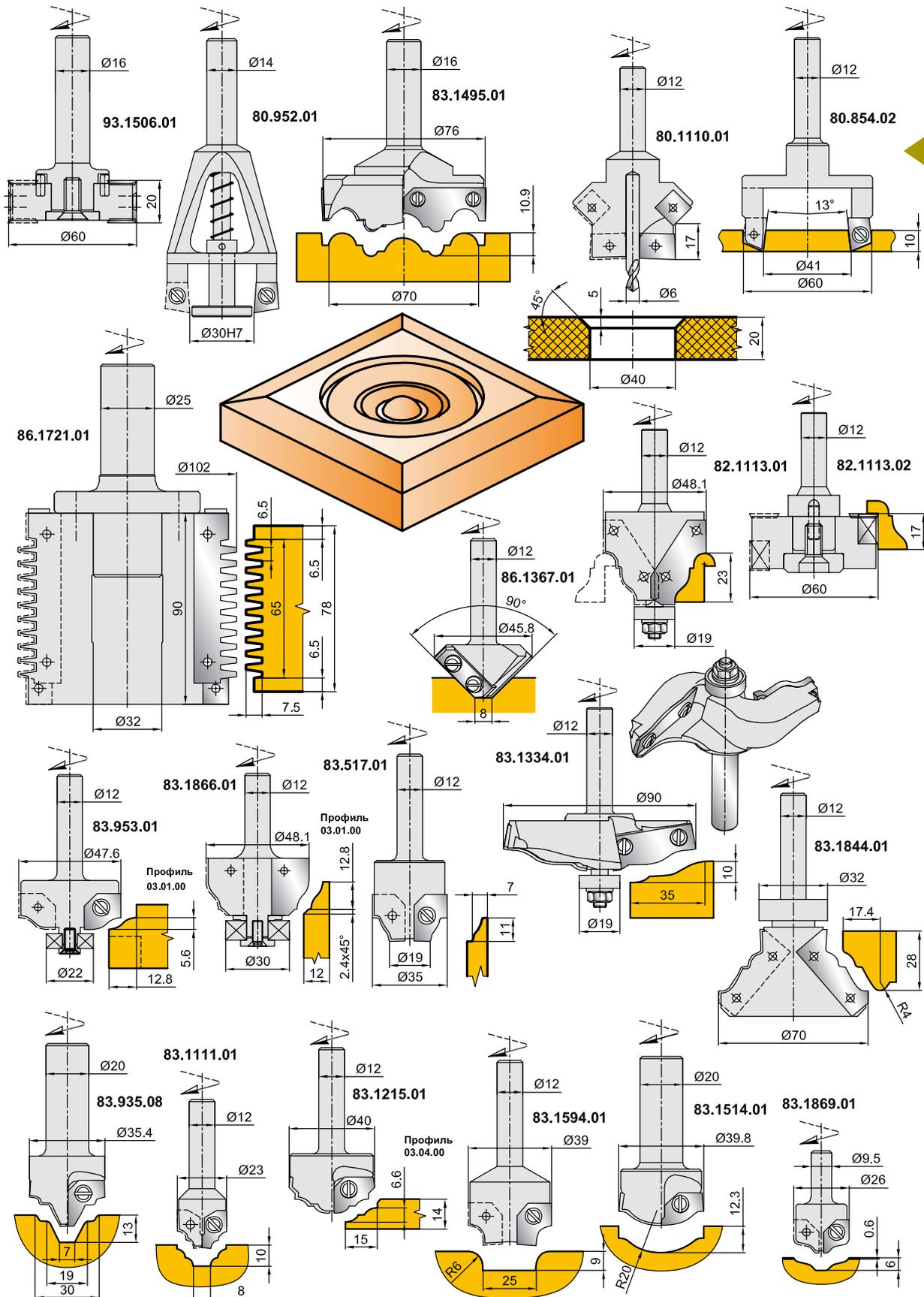


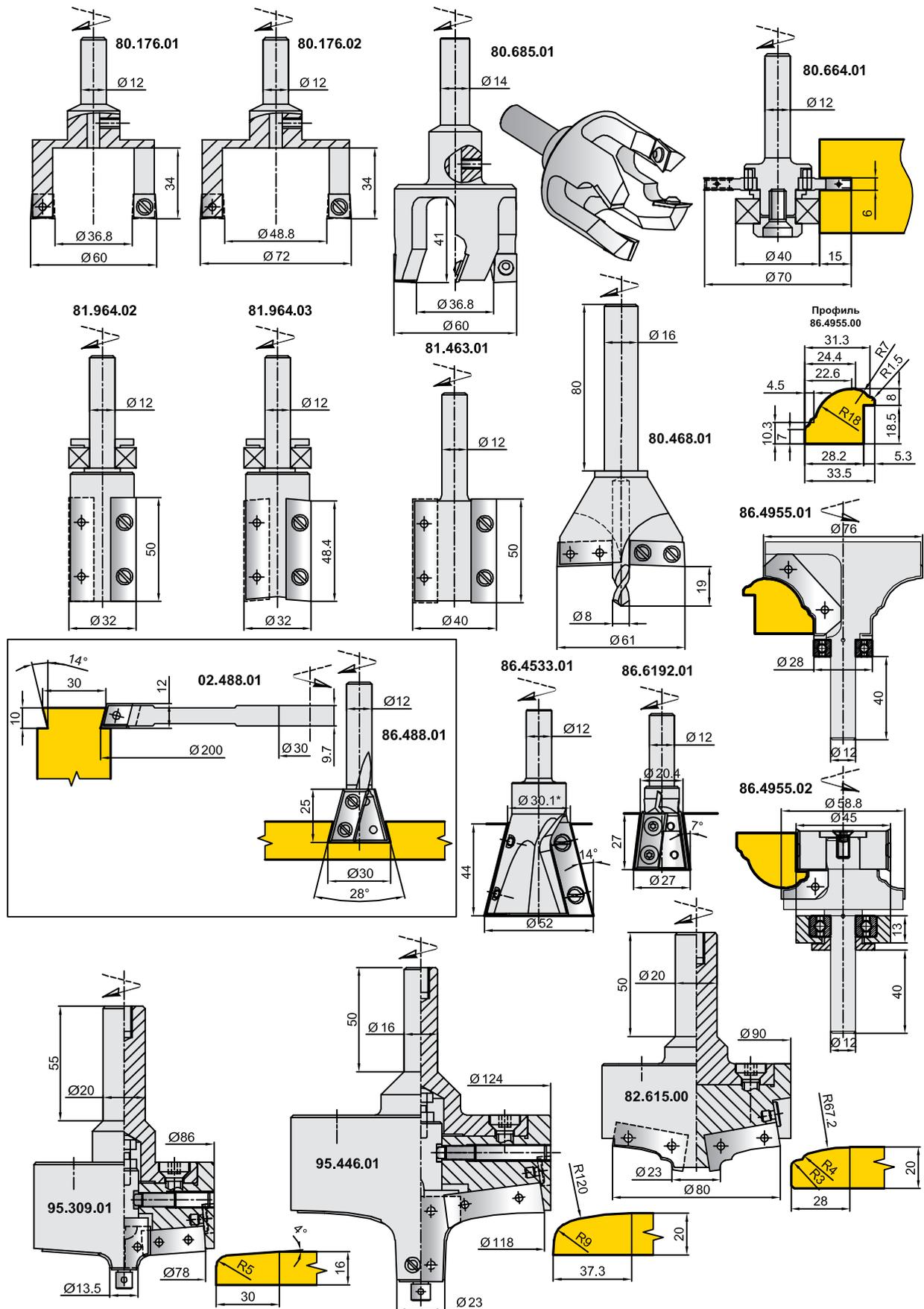
93.100.3.090.02.0.1

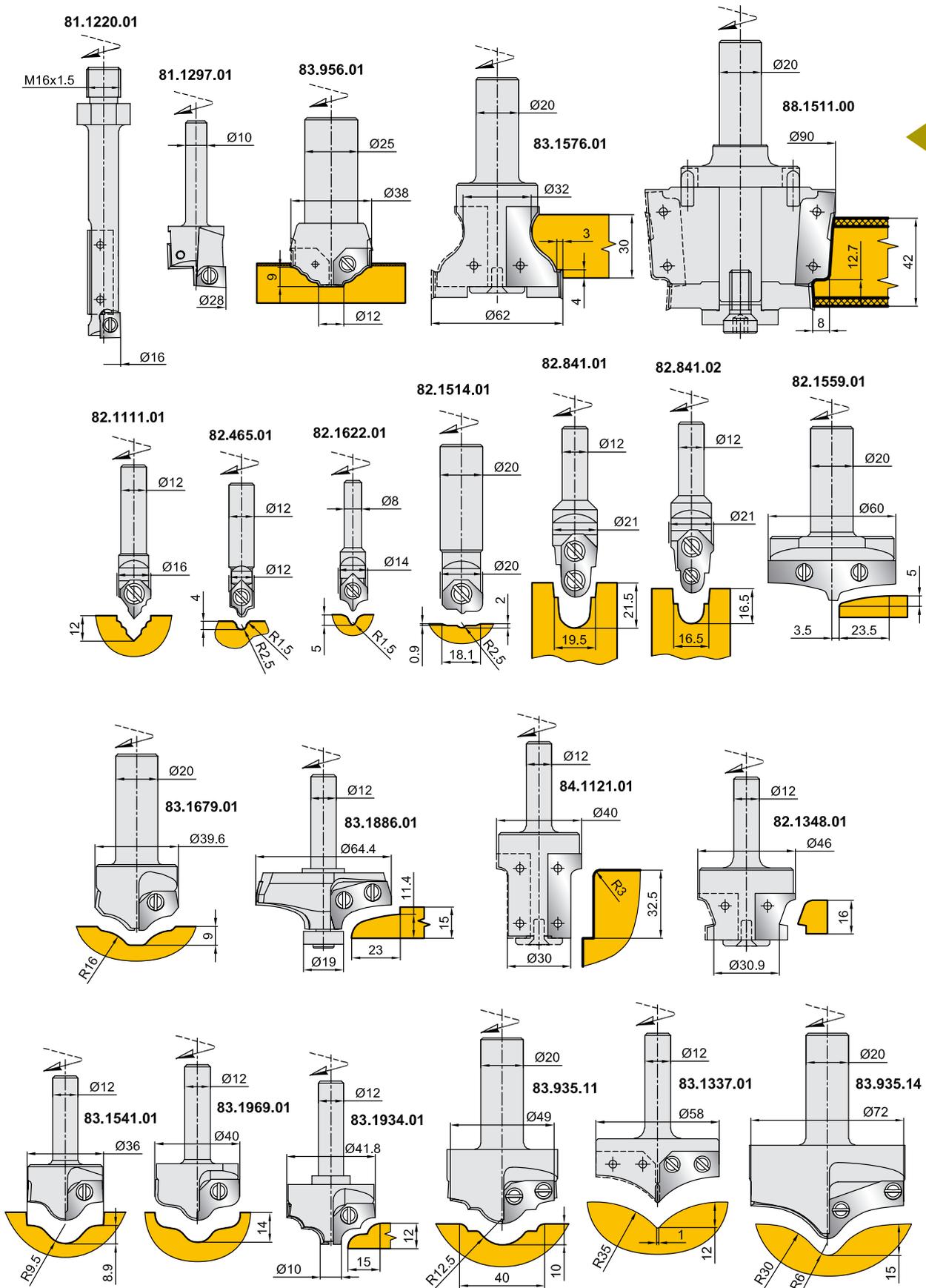


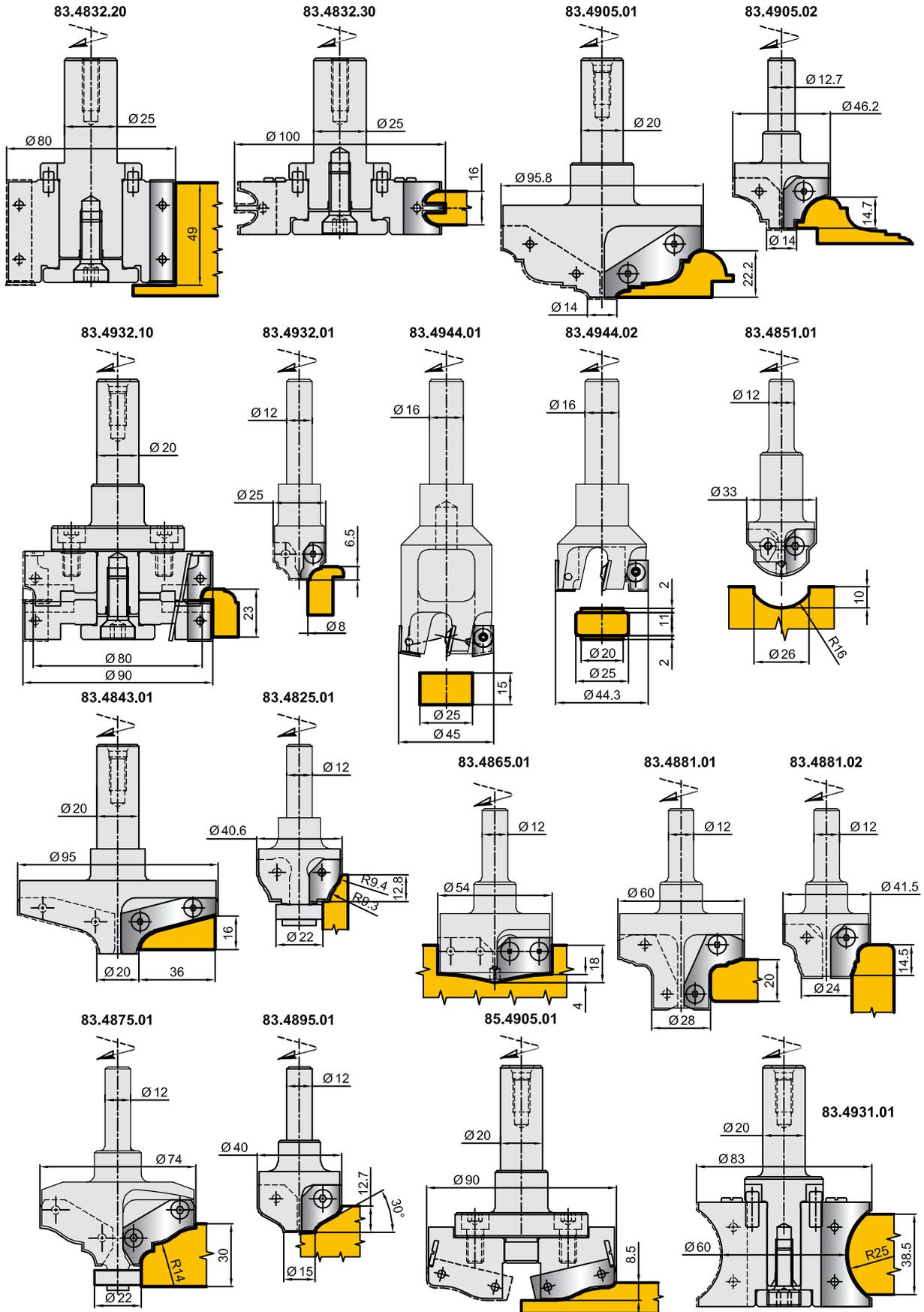
93.5966.01



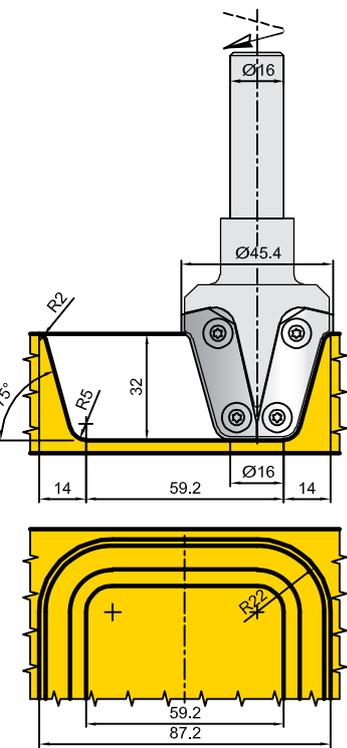




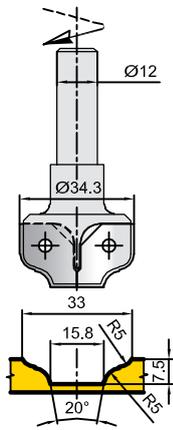




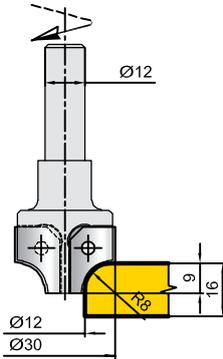
83.6106.01



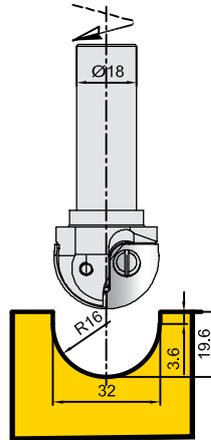
83.6078.01



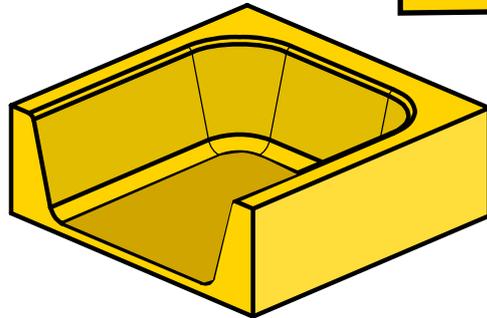
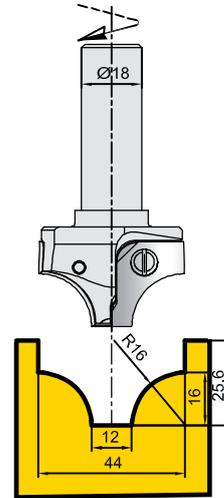
83.6085.01



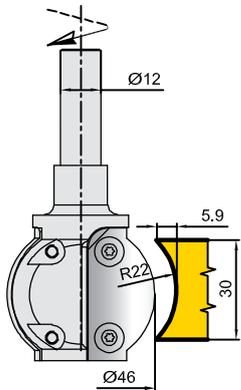
83.6286.01



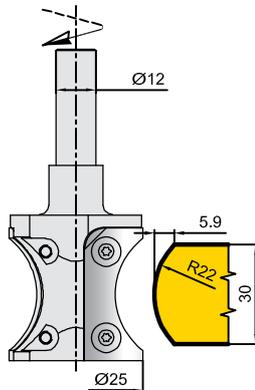
83.6286.02



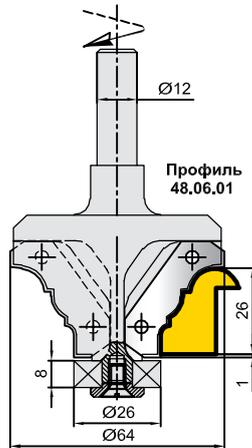
83.6104.01



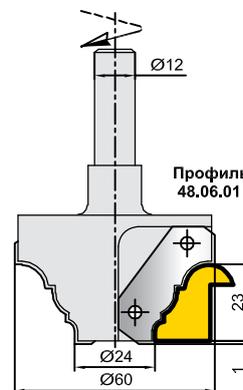
83.6104.02



83.5758.01

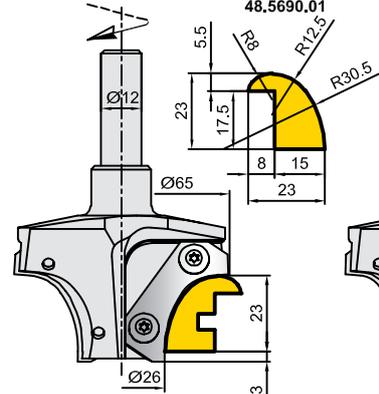


83.6046.01



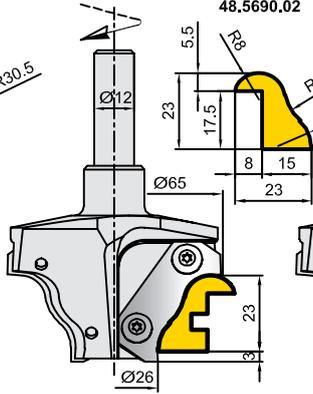
83.5690.01

Профиль 48.5690.01



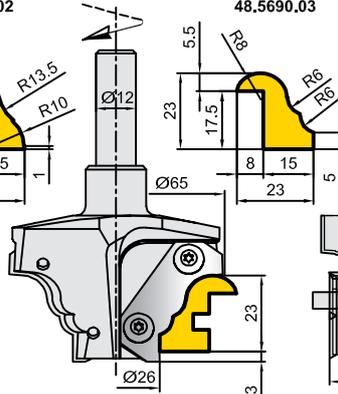
83.5690.02

Профиль 48.5690.02



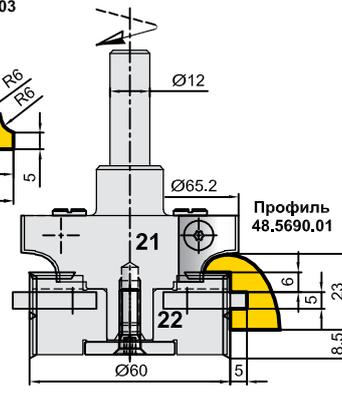
83.5690.03

Профиль 48.5690.03



83.5690.20

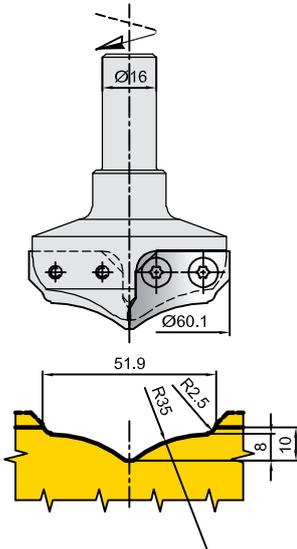
Профиль 48.5690.01



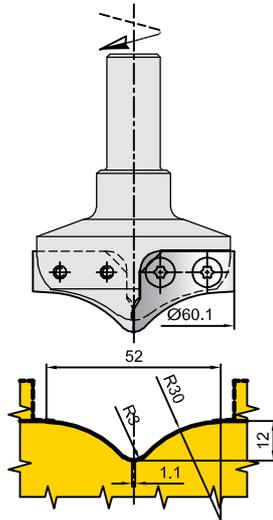
82.5339.00



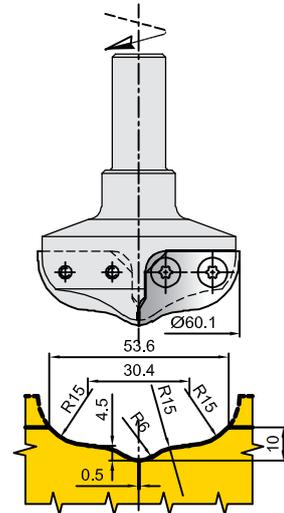
82.5339.01.01



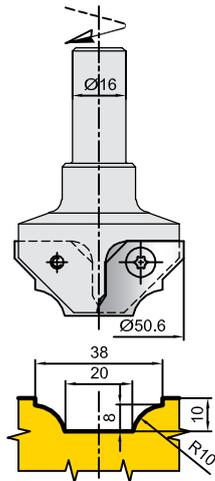
82.5339.01.02



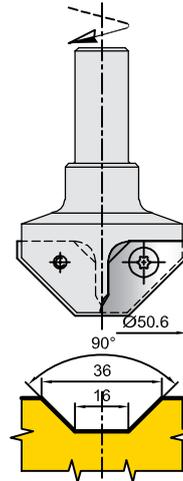
82.5339.01.03



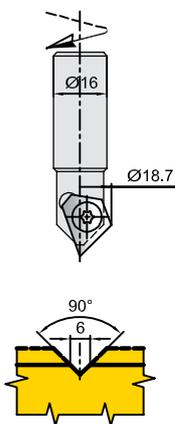
82.5339.02.01



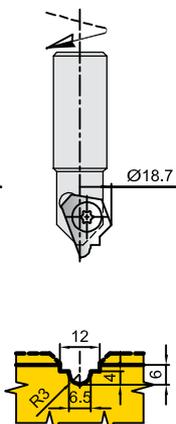
82.5339.02.02



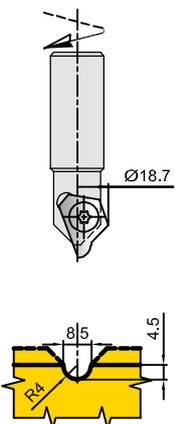
82.5339.03.01



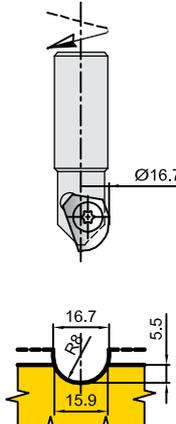
82.5339.03.02



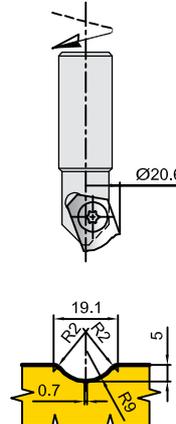
82.5339.03.03



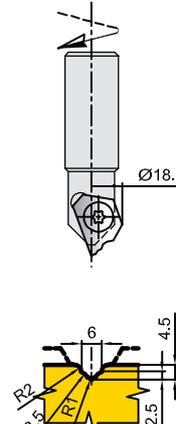
82.5339.03.04



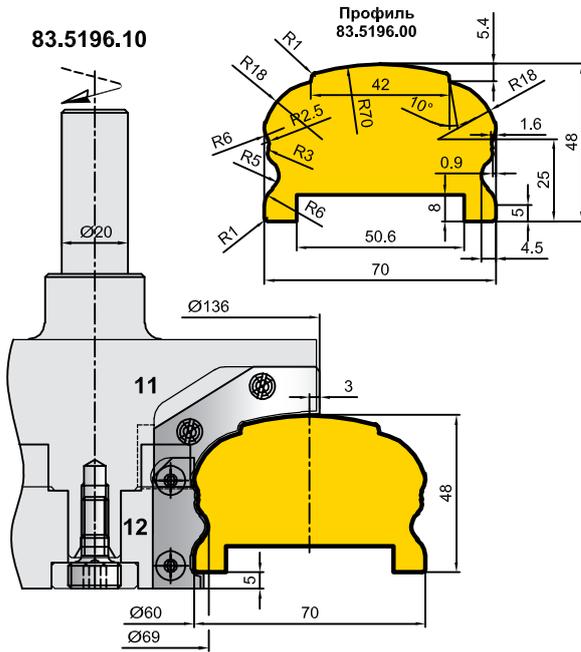
82.5339.03.05



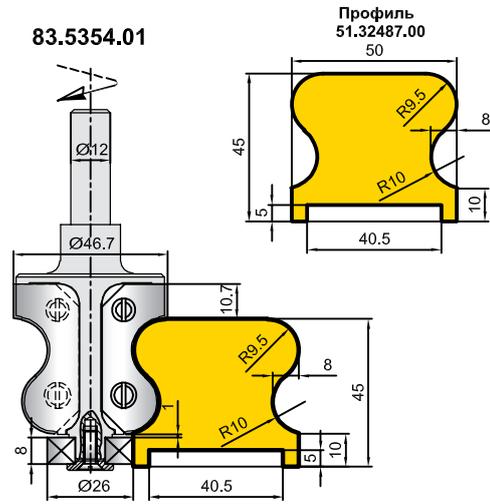
82.5339.03.06



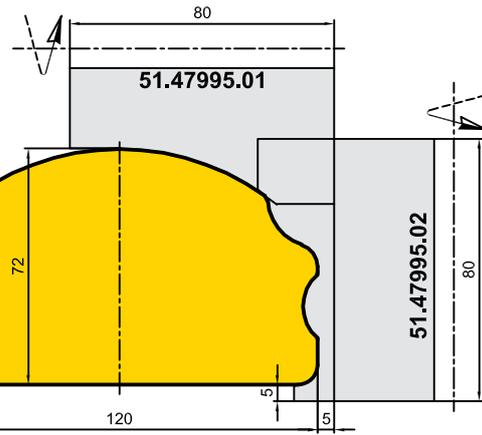
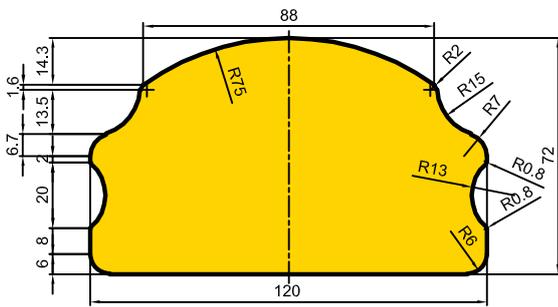
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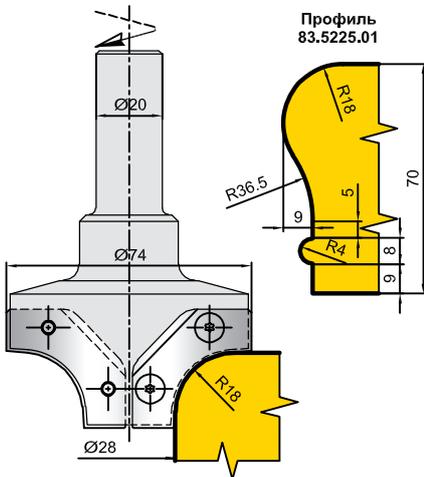
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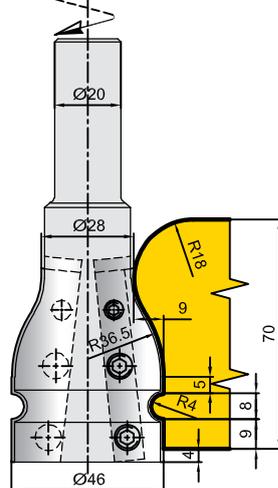
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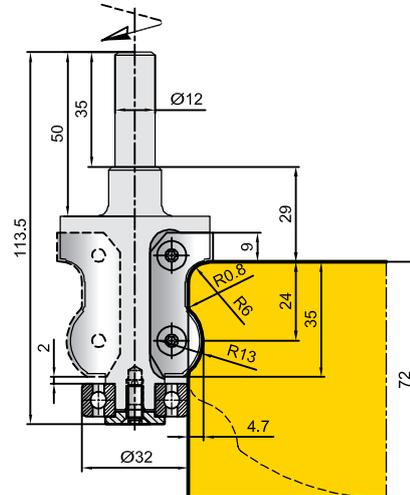
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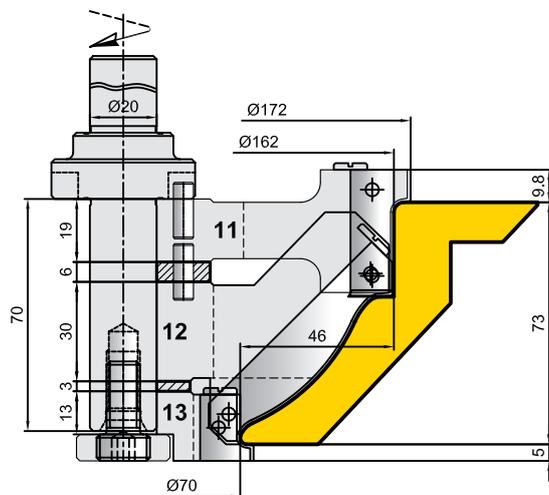
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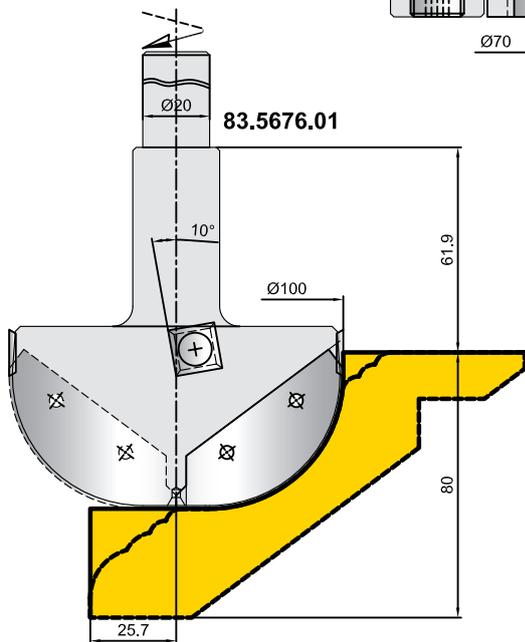
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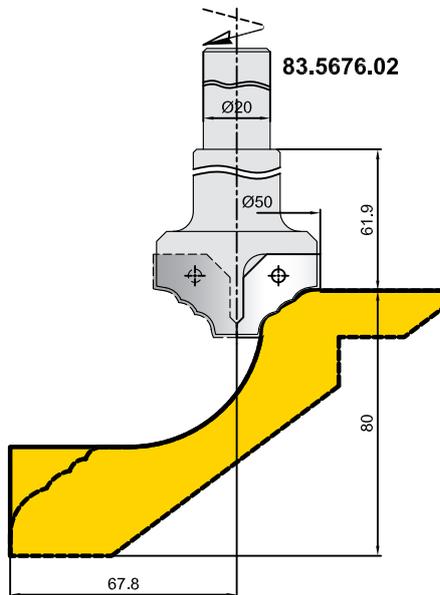
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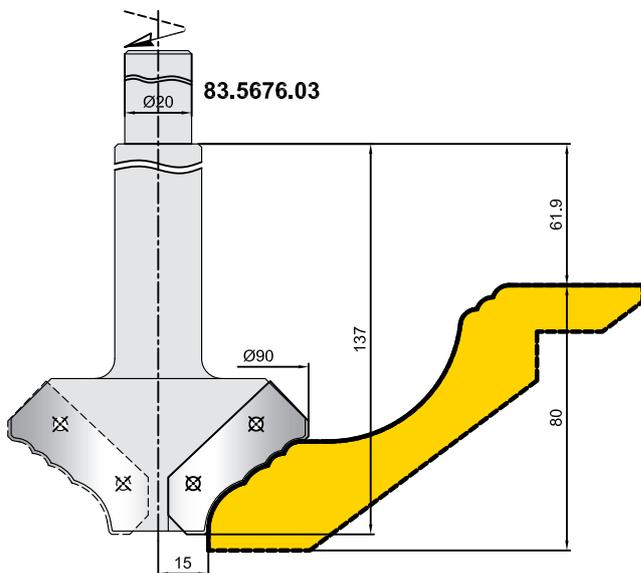
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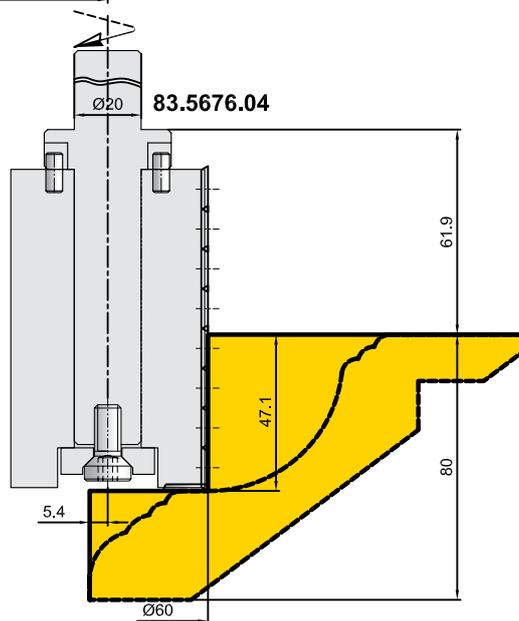
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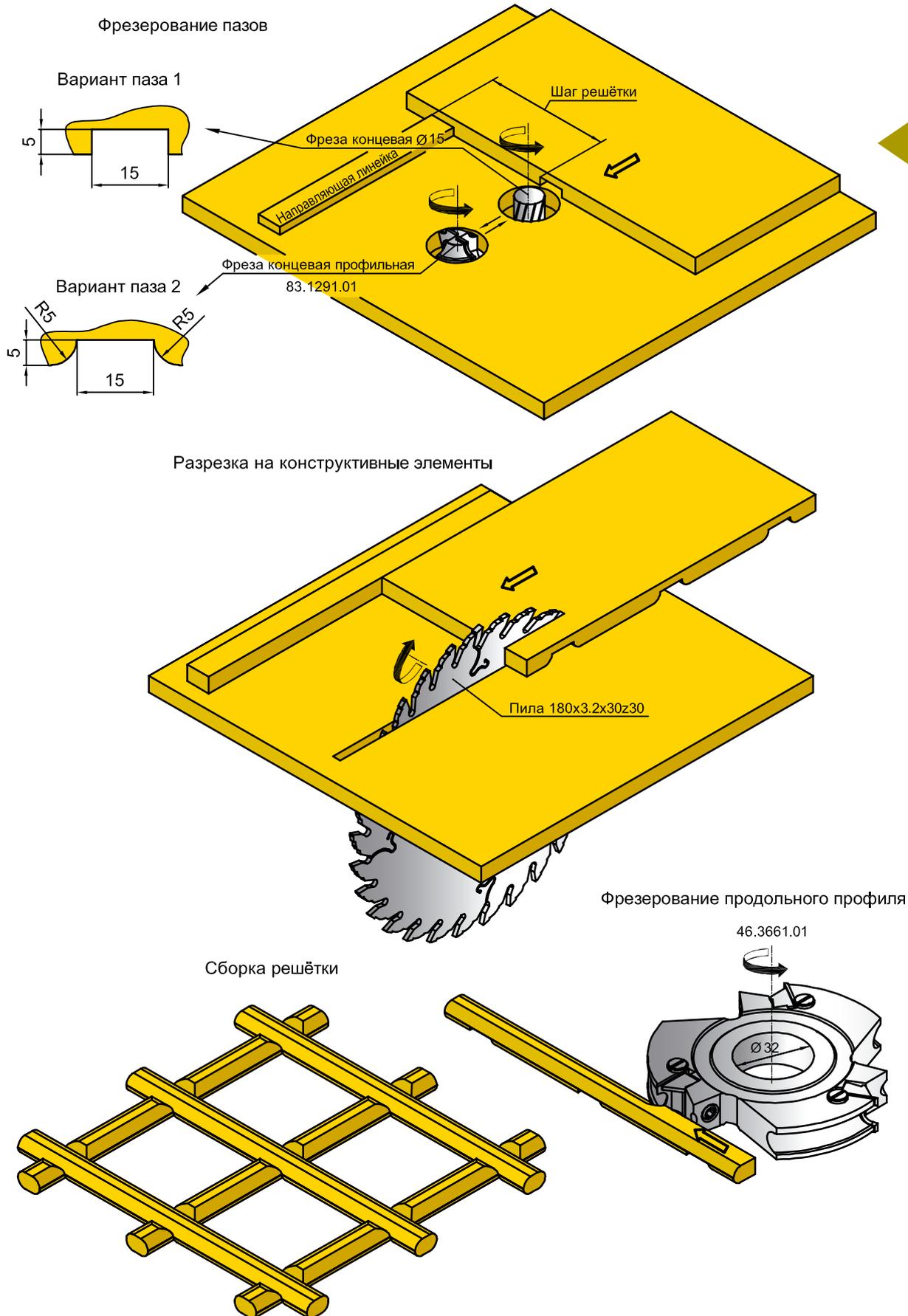


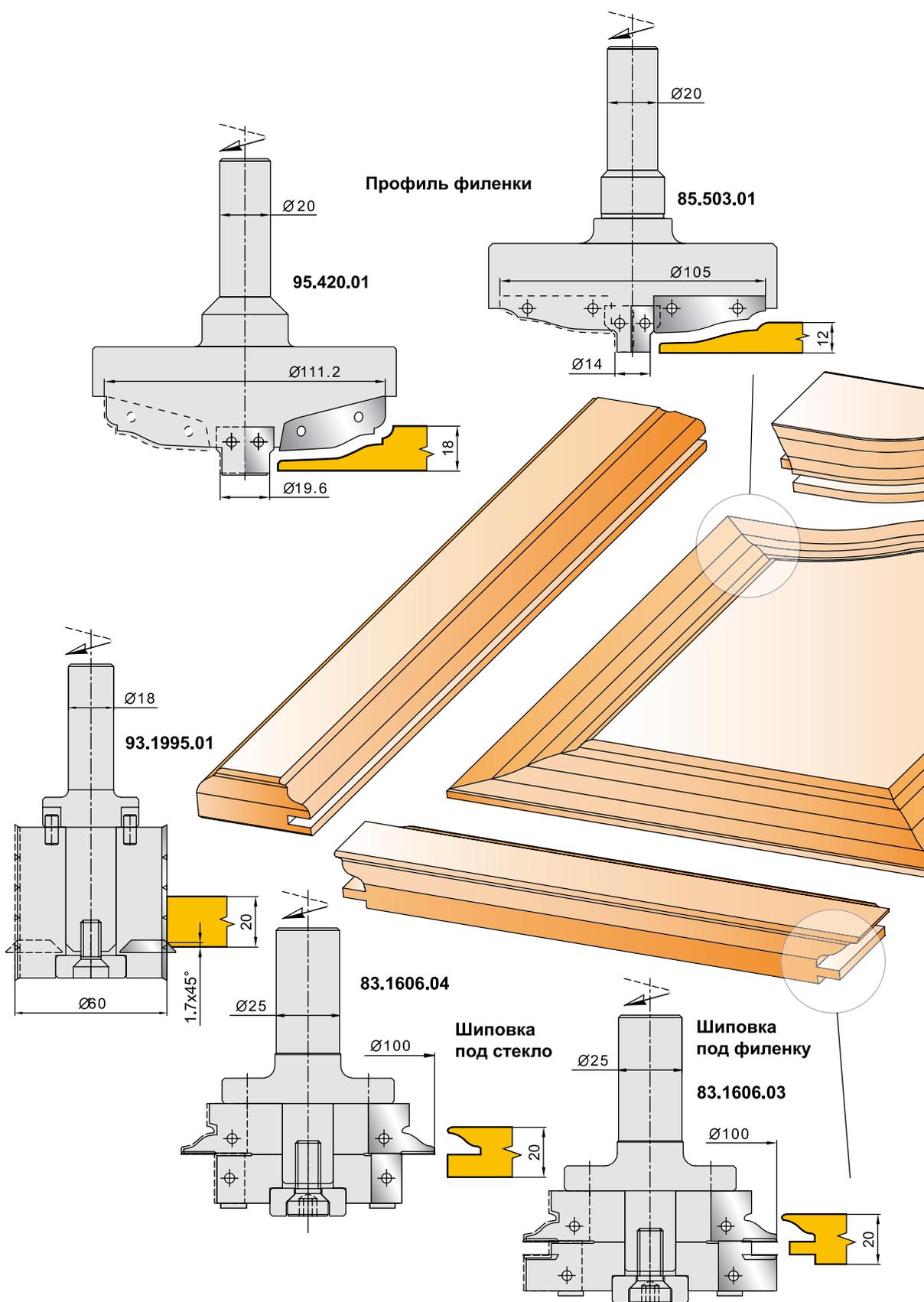
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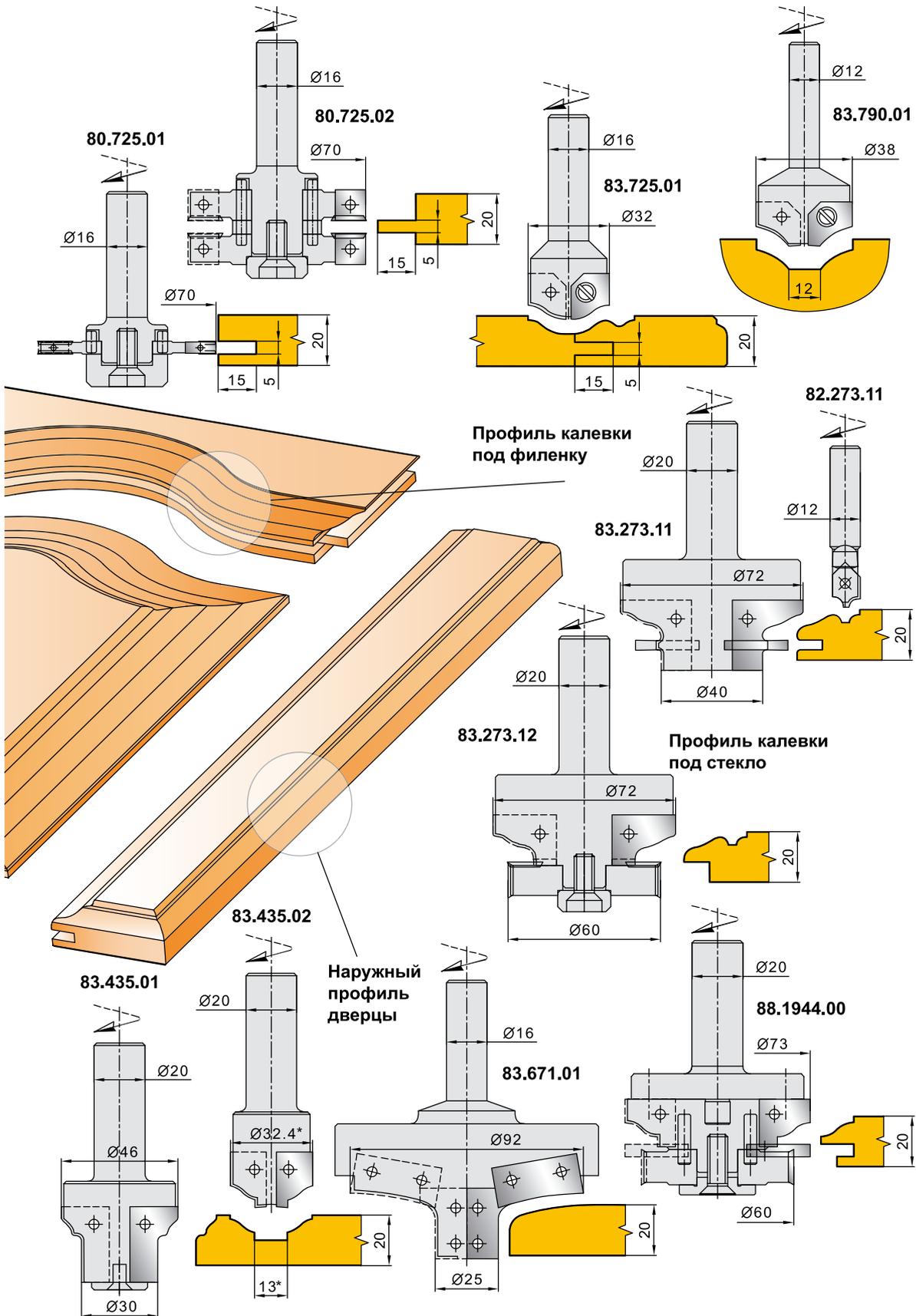


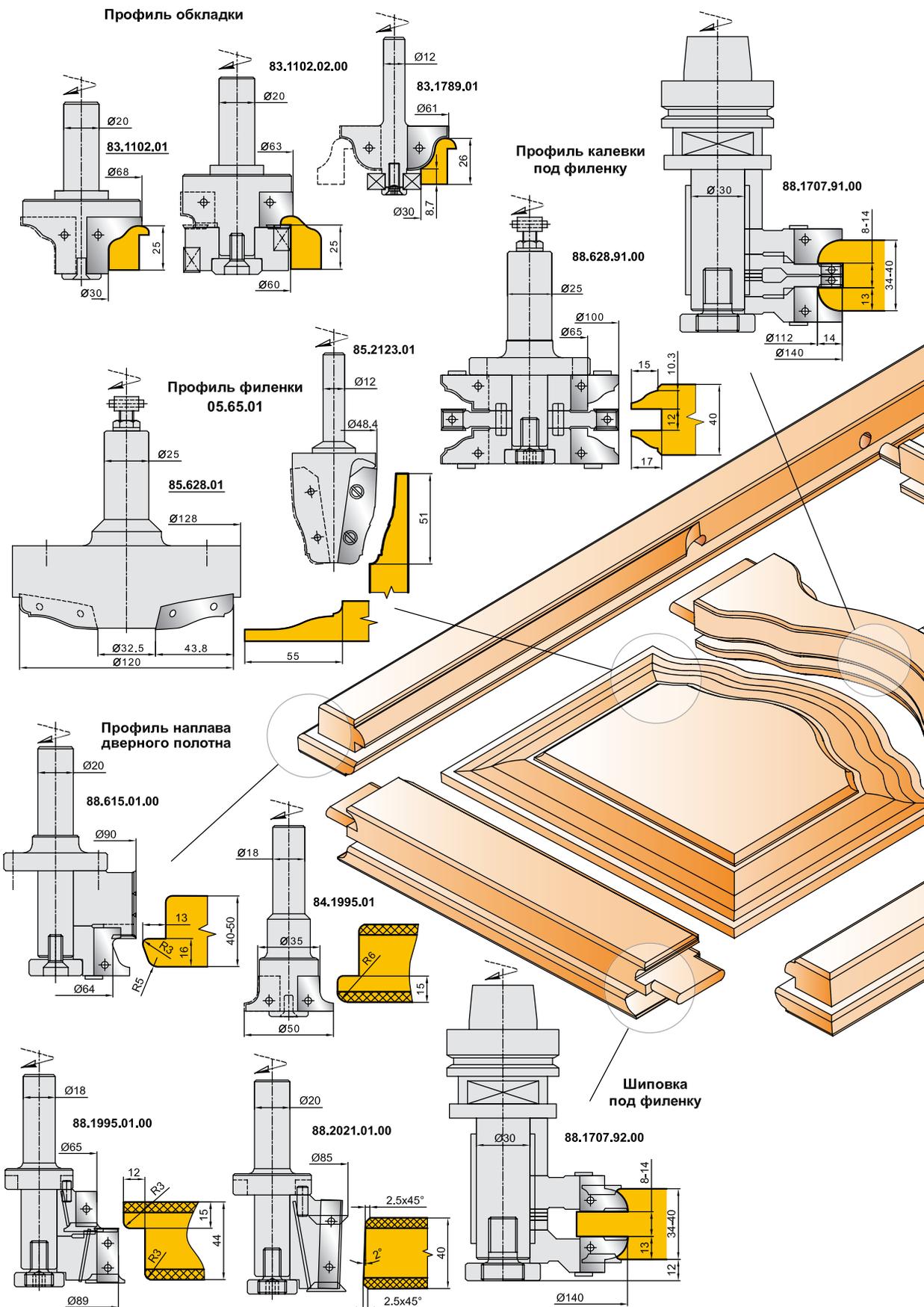
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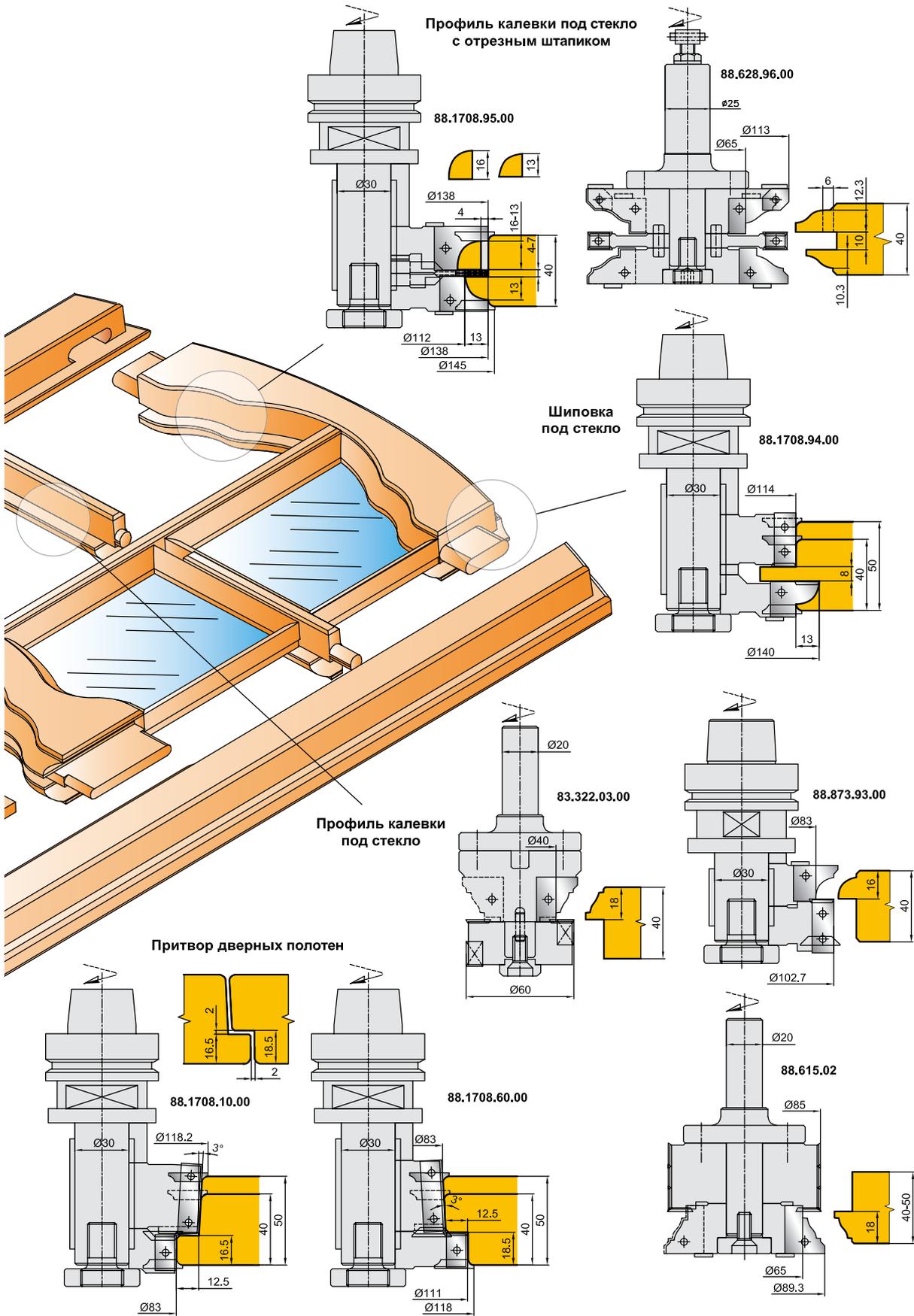


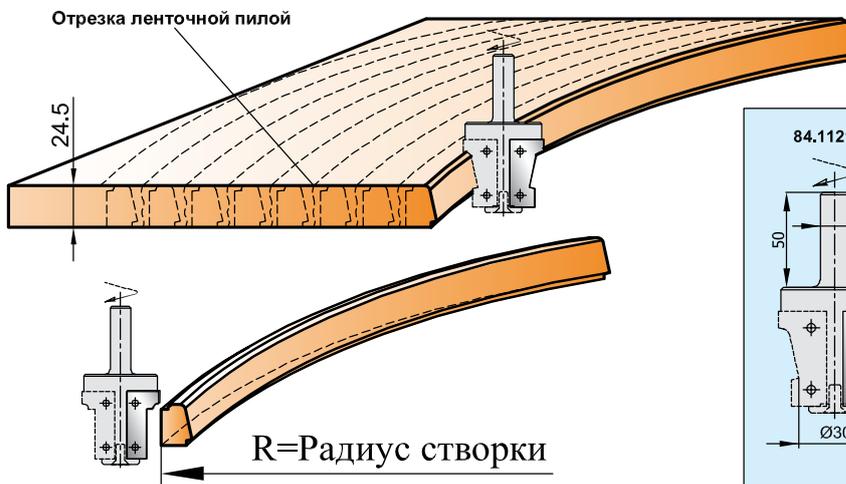
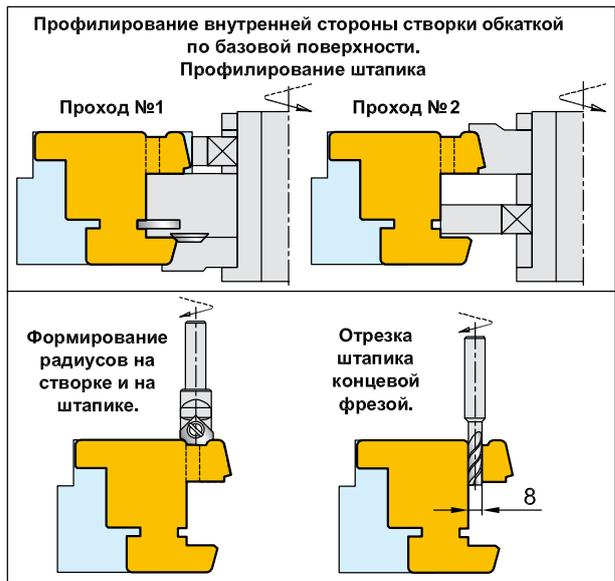
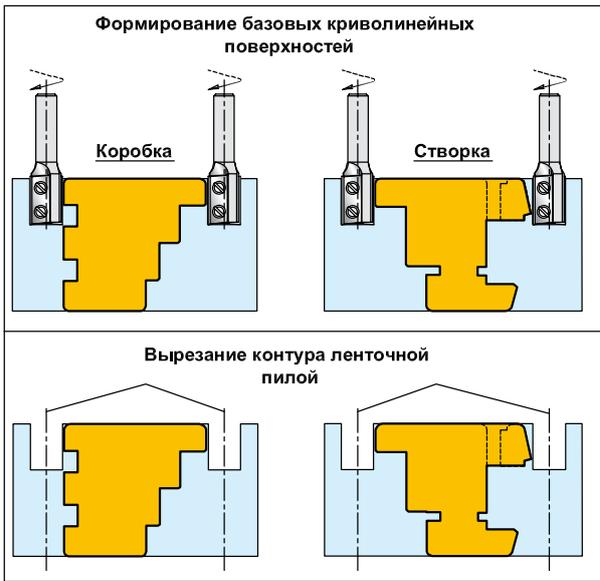
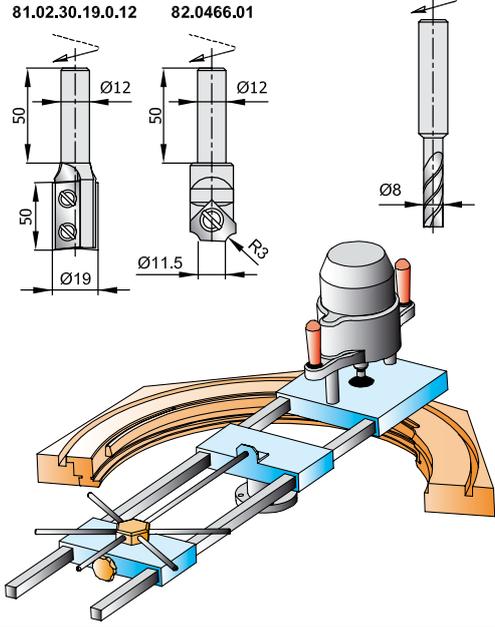
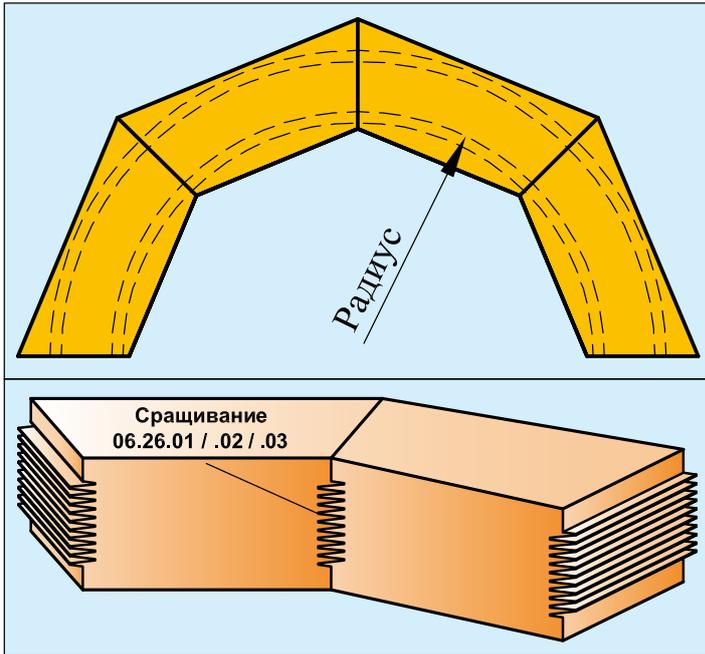




ИЗГОТОВЛЕНИЕ ДВЕРНОГО ПОЛОТНА
КОНЦЕВЫМИ ФРЕЗАМИ

12





Изготовление штапика из доски

