1. Предел прочности на изгиб и коэффициент вариации инструментального материала		
ИМ	$\sigma_{изг.ср.}$, МПа	m
ВК6	1550	3,3
ВК6+И.Б.	1600	5,0
ВК6+TiN	1620	5,0
ВК6+(Ti,Cr)N	1680	6,0

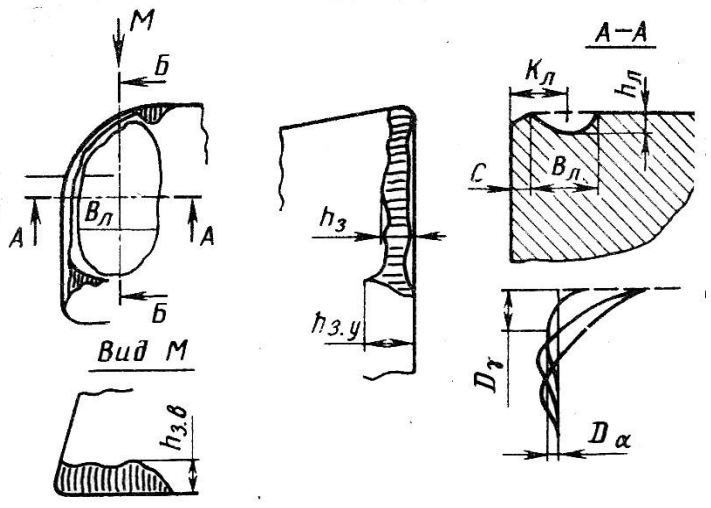
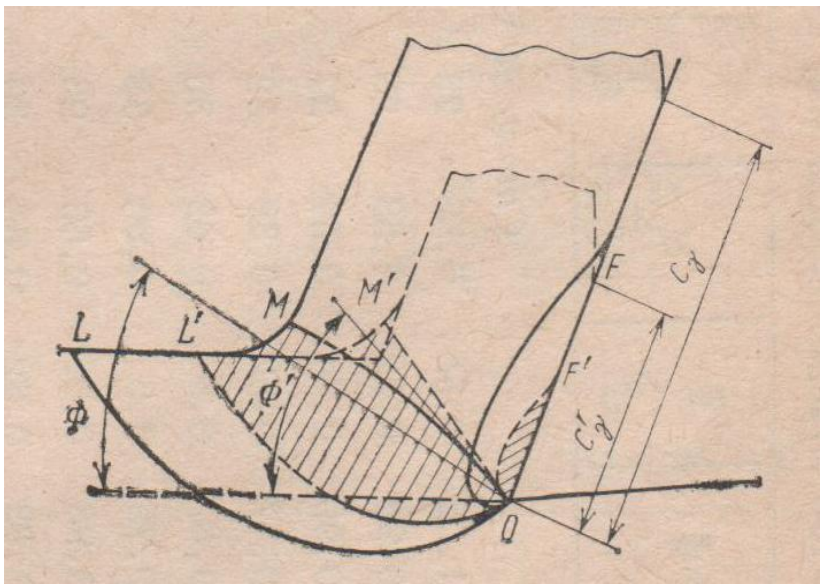
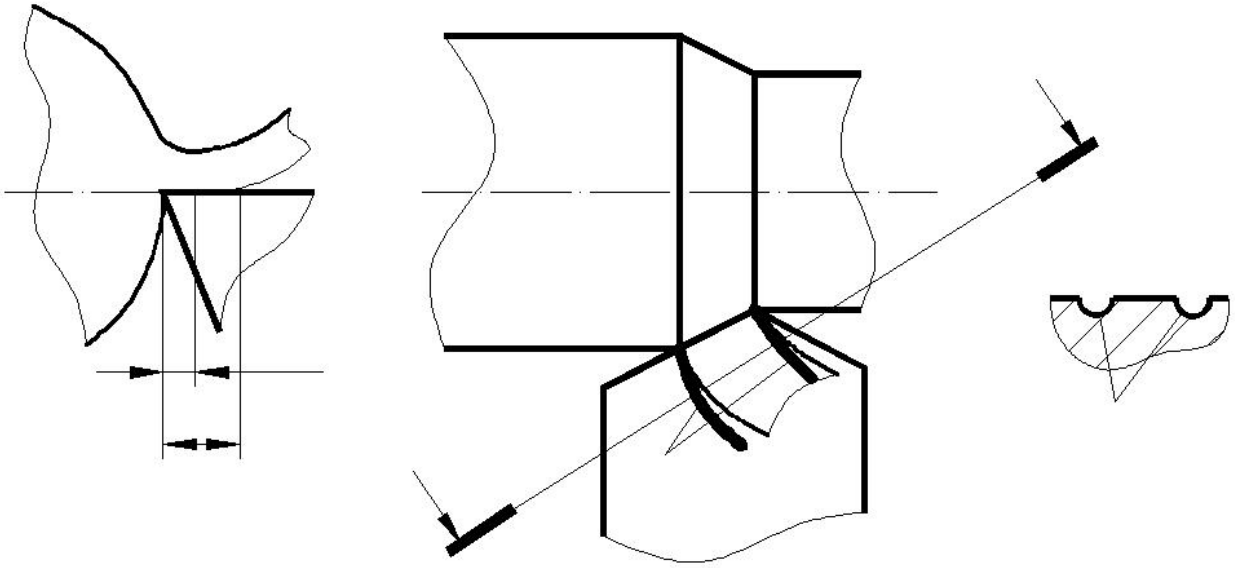
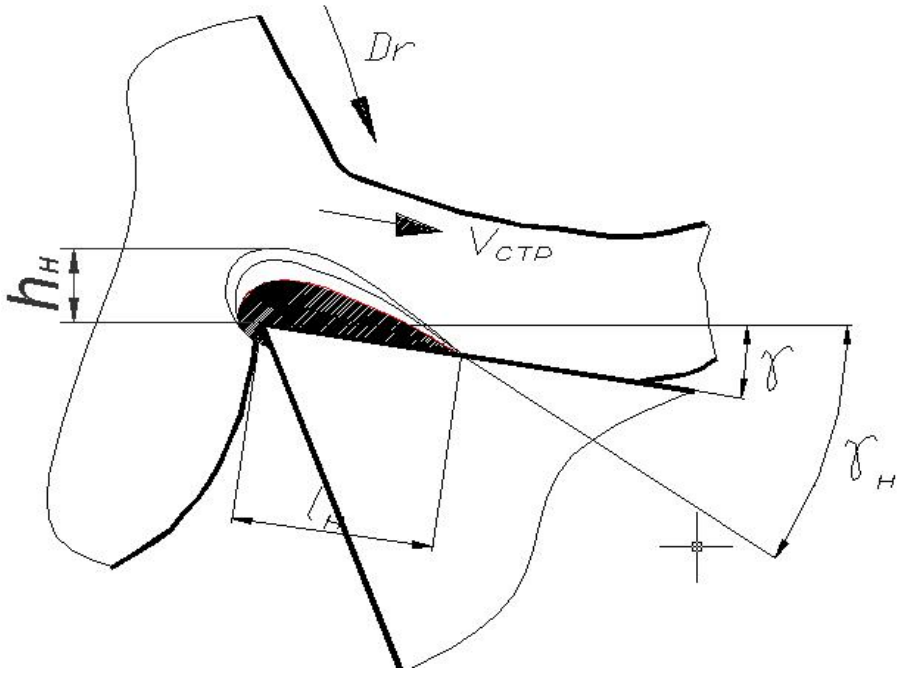
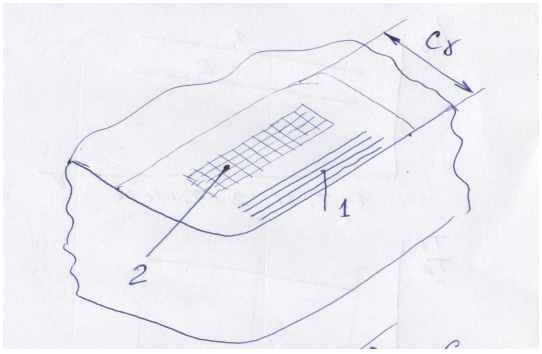


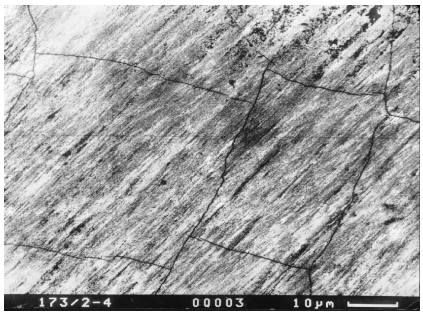
Рис. 33. Схема изнашивания контактных площадок режущего инструмента


L
L'
M
M'
F
Cy
F'
C'y
Φ
Φ'
O

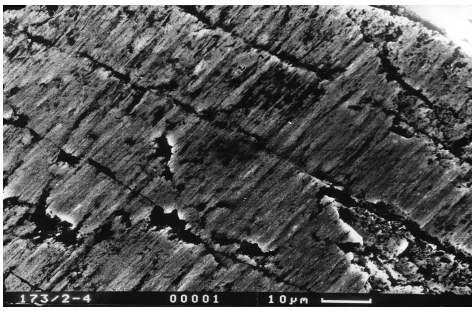



Dr
Vстр
hн
γ
γн

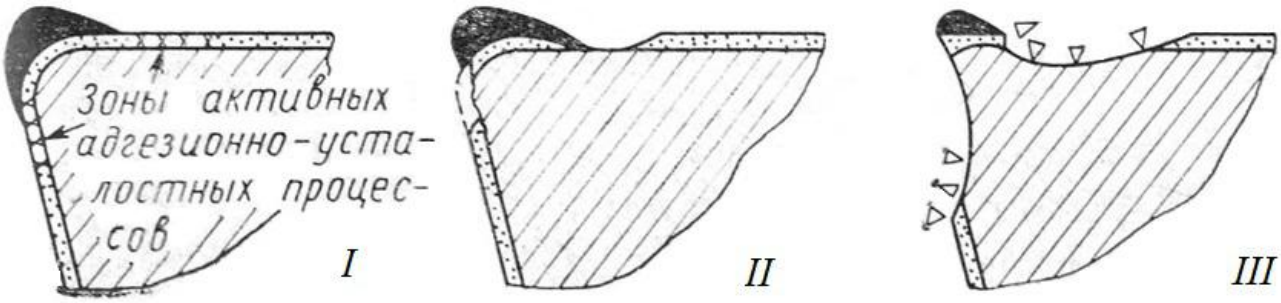

Cδ
1
2

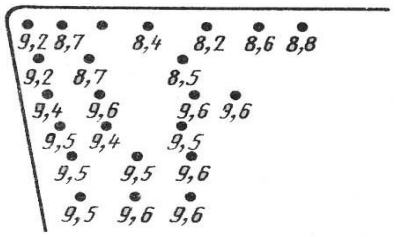

173/2-4 00003 10μm

б)

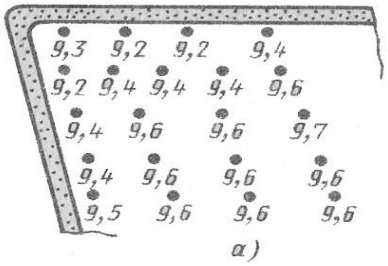

173/2-4 00001 10μm

в)

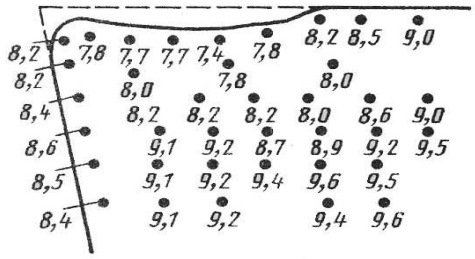

Зоны активных адгезионно-усталостных процессов
I
II
III


9,2 8,7 8,4 8,2 8,6 8,8
9,2 8,7 8,5
9,4 9,6 9,6 9,6
9,5 9,4 9,5
9,5 9,5 9,6
9,5 9,6 9,6

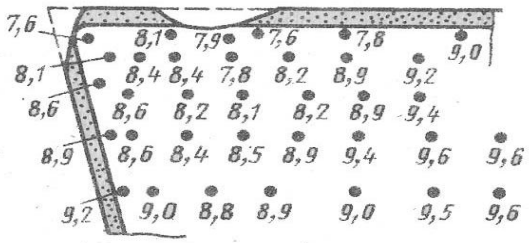
а)


9,3 9,2 9,2 9,4
9,2 9,4 9,4 9,4 9,6
9,4 9,6 9,6 9,7
9,4 9,6 9,6 9,6
9,5 9,6 9,6 9,6

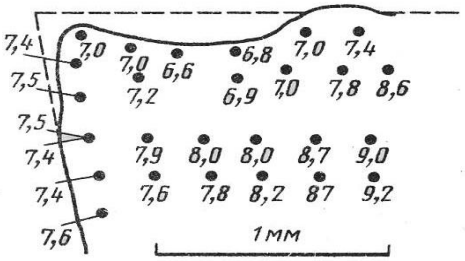
а)


8,2 7,8 7,7 7,7 7,4 7,8 8,2 8,5 9,0
8,2 8,0 7,8 8,0
8,4 8,2 8,2 8,2 8,0 8,6 9,0
8,6 9,1 9,2 8,7 8,9 9,2 9,5
8,5 9,1 9,2 9,4 9,6 9,5
8,4 9,1 9,2 9,4 9,6

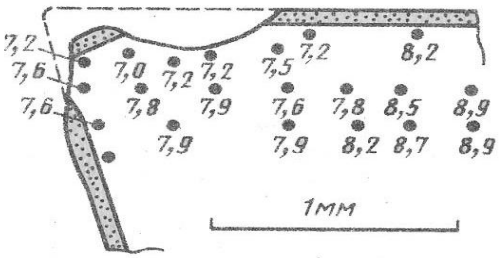
б)


7,6 8,1 7,9 7,6 7,8 9,0
8,1 8,4 8,4 7,8 8,2 8,9 9,2
8,6 8,6 8,2 8,1 8,2 8,9 9,4
8,9 8,6 8,4 8,5 8,9 9,4 9,6 9,6
9,2 9,0 8,8 8,9 9,0 9,5 9,6

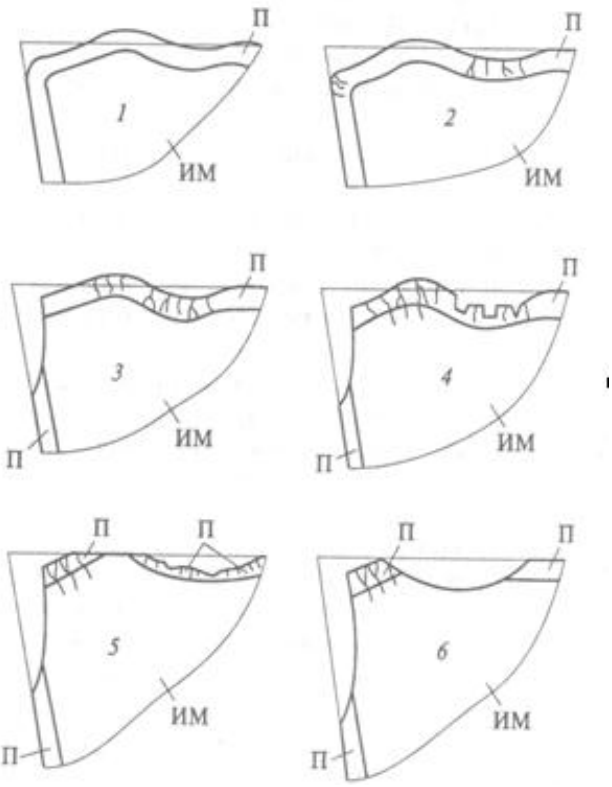
б)


7,4 7,0 7,0 6,6 6,8 7,0 7,4
7,5 7,2 6,9 7,0 7,8 8,6
7,5
7,4 7,9 8,0 8,0 8,7 9,0
7,4 7,6 7,8 8,2 87 9,2
7,6
1мм

в)


7,2 7,2 8,2
7,6 7,0 7,2 7,2 7,5 7,2
7,6 7,8 7,9 7,6 7,8 8,5 8,9
7,9 7,9 8,2 8,7 8,9
1мм

в)


П
1
ИМ
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2
ИМ
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4
ИМ
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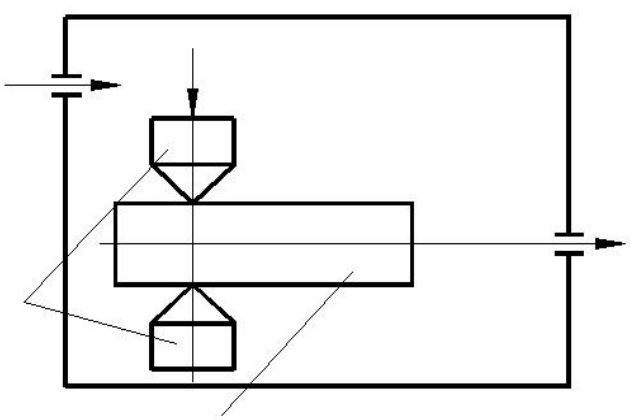
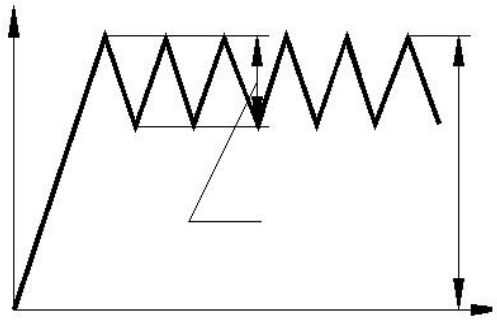
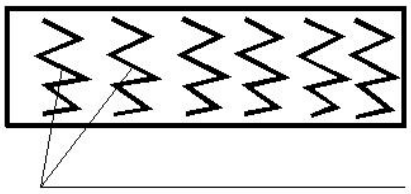
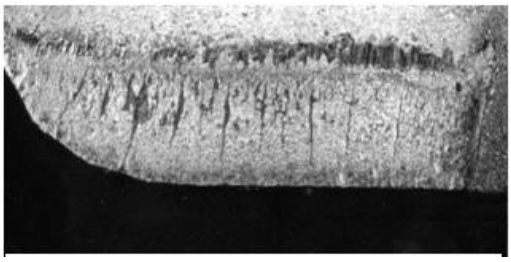
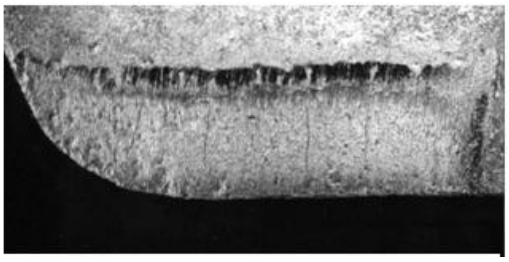
П П
6
ИМ
П

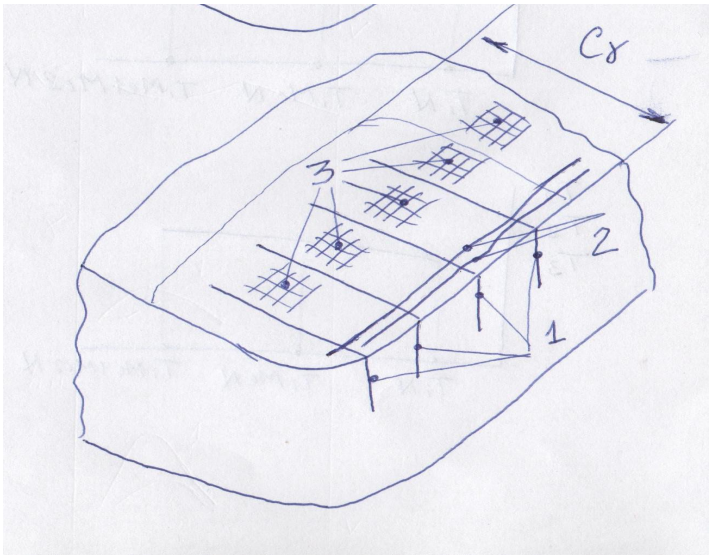











Cx
3
2
1