

Bone Punches & Rongeurs

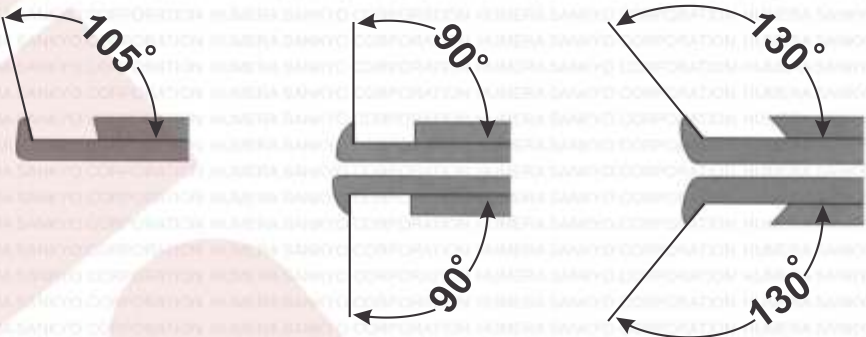


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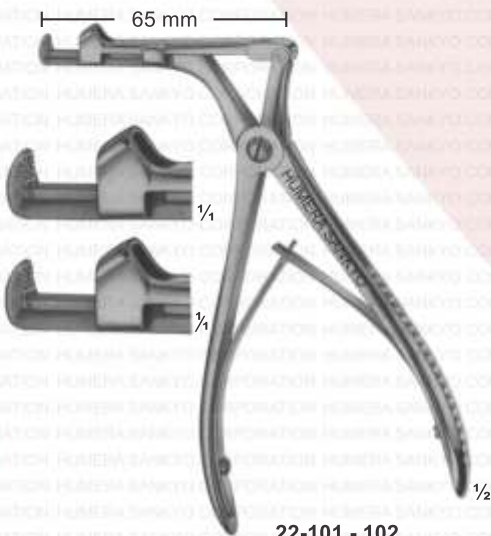
www.humcorp.com

Angled positions for punches



90°

upwards cutting

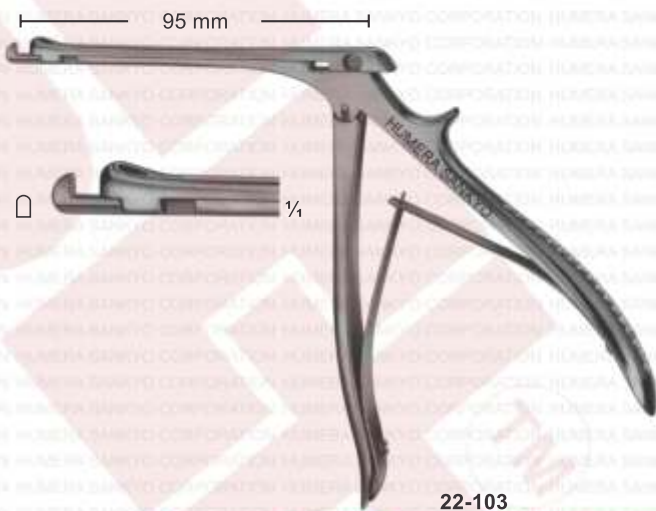


22-101

22-102

90°

upwards cutting



22-103
CITELLI-BEYER
1,8 mm

22-101 - 102
CITELLI
22-101 2mm
22-102 3.5mm

Punches

90° upwards cutting

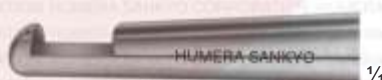
85 mm

22-104
4 mm



1/4

22-105
5 mm



1/4

1/2

22-104 - 105
KERRISON

140 mm

90° upwards cutting

22-106
3,3 mm



1/4

22-107
4,0 mm



1/4

1/2

22-106 - 107
HAJEK-KOFLER

130°

upwards cutting

180 mm

KERRISON-JACOBY

22-108
1 mm



HUMERA SANKYO

1/4

FERRIS-SMITH-KERRISON

22-109
2 mm



HUMERA SANKYO

1/4

22-110
3 mm



HUMERA SANKYO

1/4

22-111
4 mm



HUMERA SANKYO

1/4

22-112
5 mm



HUMERA SANKYO

1/4

22-108 - 112

90°

upwards cutting

180 mm

KERRISON-JACOBY

22-113
1 mm



HUMERA SANKYO

1/4

22-114
2 mm



HUMERA SANKYO

1/4

FERRIS-SMITH-KERRISON

22-115
3 mm



HUMERA SANKYO

1/4

22-116
4 mm



HUMERA SANKYO

1/4

22-117
5 mm



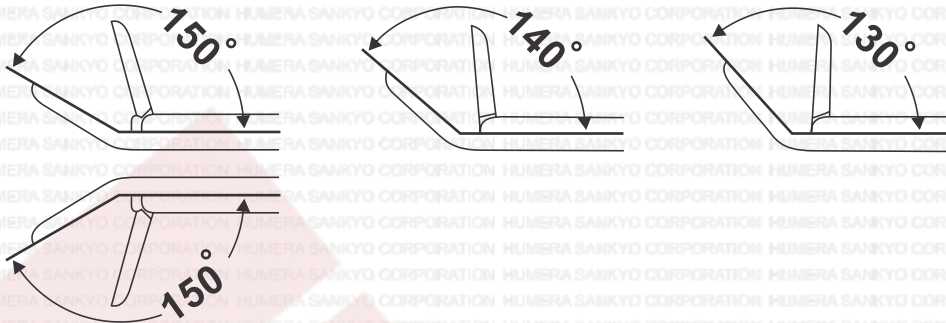
HUMERA SANKYO

1/4

22-113 - 117

Rongeurs

Angled positions for rongeurs



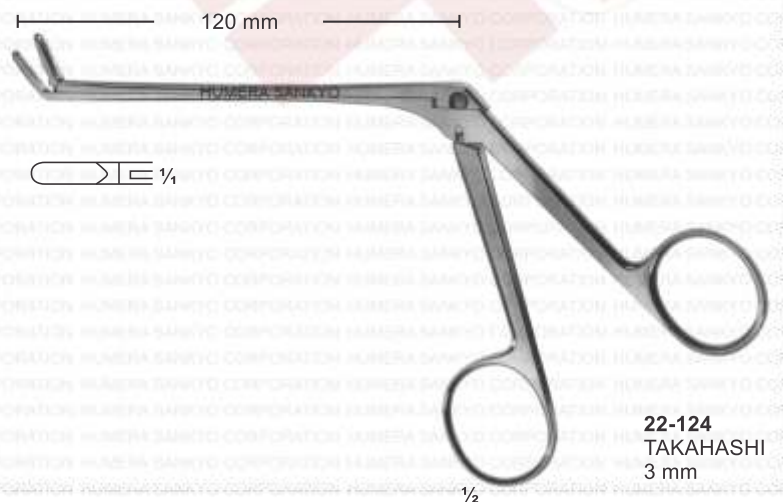
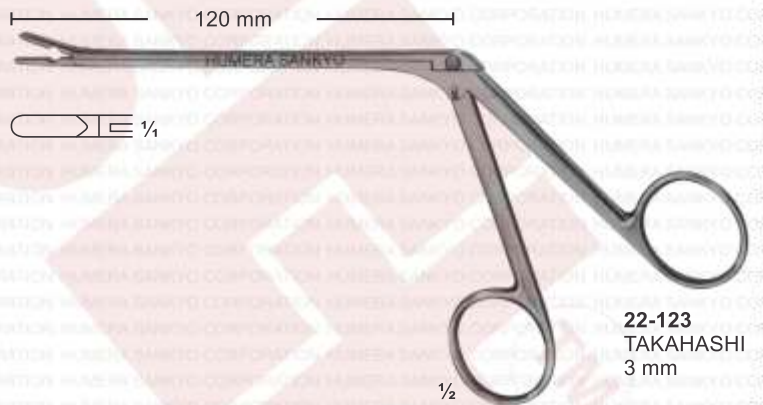
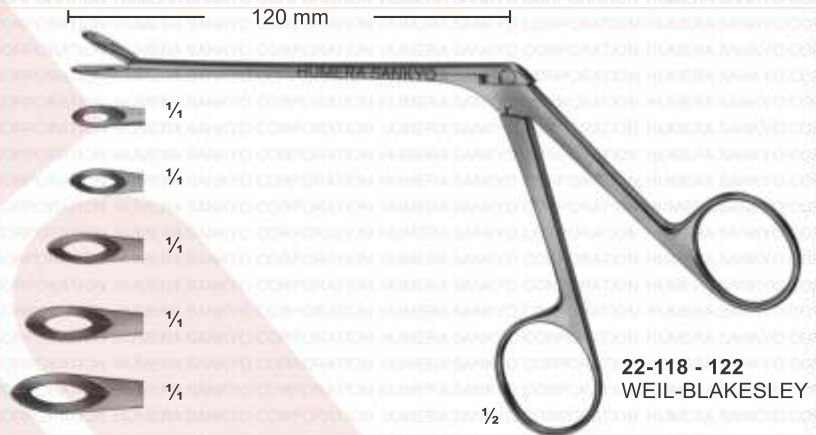
22-118
3,0 mm

22-119
3,6 mm

22-120
4,2 mm

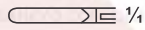
22-121
4,8 mm

22-122
5,8 mm

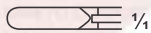


LOVE-GRUENWALD

22-125
2 X 10 mm

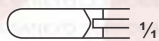


22-126
3 X 10 mm



SPURLING

22-127
4 X 10 mm



130 mm

1/2

22-125 - 127

155 mm

22-128
2 mm



22-129
3 mm



22-130
4 mm



22-131
5 mm



1/2

22-128 - 131
CASPAR

150°

155 mm

22-132
2 mm



22-133
3 mm



22-134
4 mm



1/2

22-132 - 134
CASPAR

Rongeurs



150°

Lower part of jaws movable

22-135
2 mm



22-136
3 mm



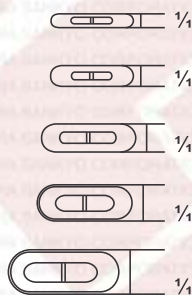
22-137
4 mm



155 mm

22-135 - 137
CASPAR

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
22-138	22-143	22-148	2 X12 mm
22-139	22-144	22-149	3 X12 mm
22-140	22-145	22-150	4 X14 mm
22-141	22-146	22-151	5 X14 mm
22-142	22-147	22-152	6 X16 mm

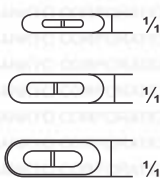


22-138 - 152
CASPAR

150°

315

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
22-153	22-156	22-159	3 X12 mm
22-154	22-157	22-160	4 X14 mm
22-155	22-158	22-161	5 X14 mm



22-153 - 161
CASPAR

150°

Lower part of jaw movable

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
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22-162

22-164

22-166

3 X 12 mm

 1/4

22-163

22-165

22-167

4 X 14 mm

 1/4

1/2

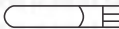
22-162 - 167
CASPAR

180 mm

22-168
2 X 10 mm
CUSHING

 1/4

22-169
3 X 10 mm
LOVE-GRUENWALD

 1/4

22-170
4 X 10 mm
SPURLING

 1/4

1/2

22-168 - 170

150°

180 mm

22-171
3 X 10 mm
LOVE-GRUENWALD

 1/4

22-172
4 X 10 mm
SPURLING

 1/4

1/2

22-171 - 172

Rongeurs

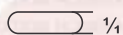
150°

Upper part of jaw
movable

22-173

3 X 10 mm

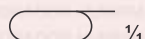
LOVE-GRUENWALD



22-174

4 X 10 mm

SPURLING



180 mm

1/2

22-173 - 174

180 mm

22-175

Ø 7 mm



1/2

**22-175
OLDBERG**

190 mm

18-176

YASARGIL

Ø 2,2 mm



18-177

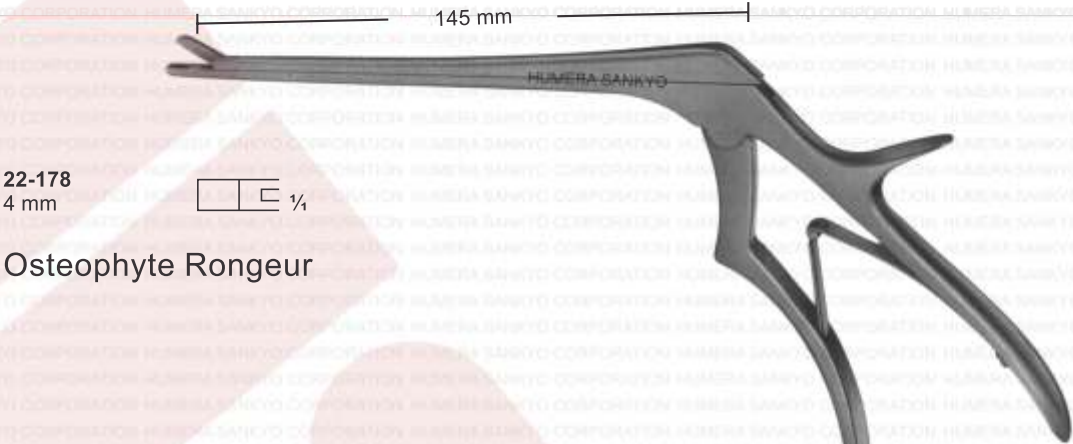
YASARGIL

Ø 3,5 mm

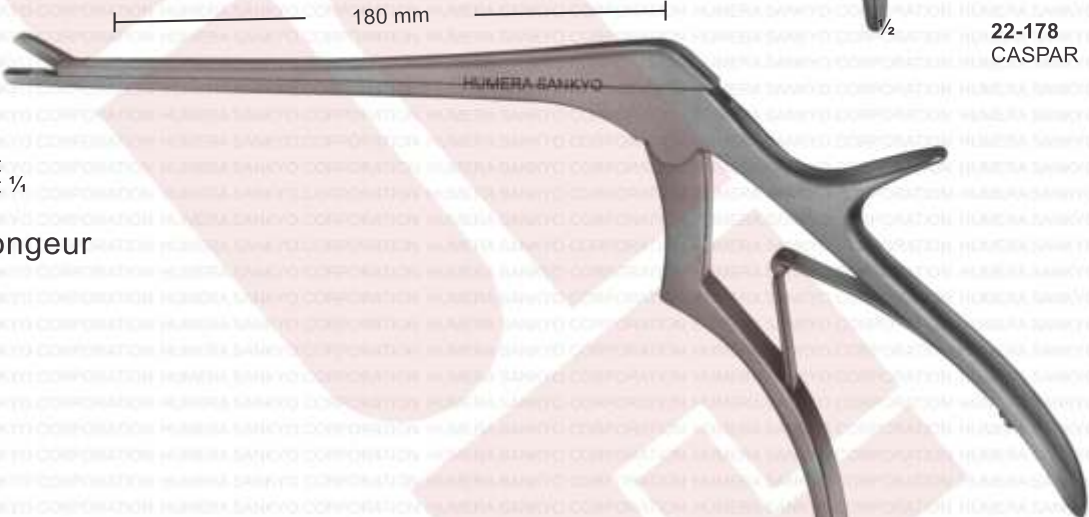


1/2

22-176 - 177



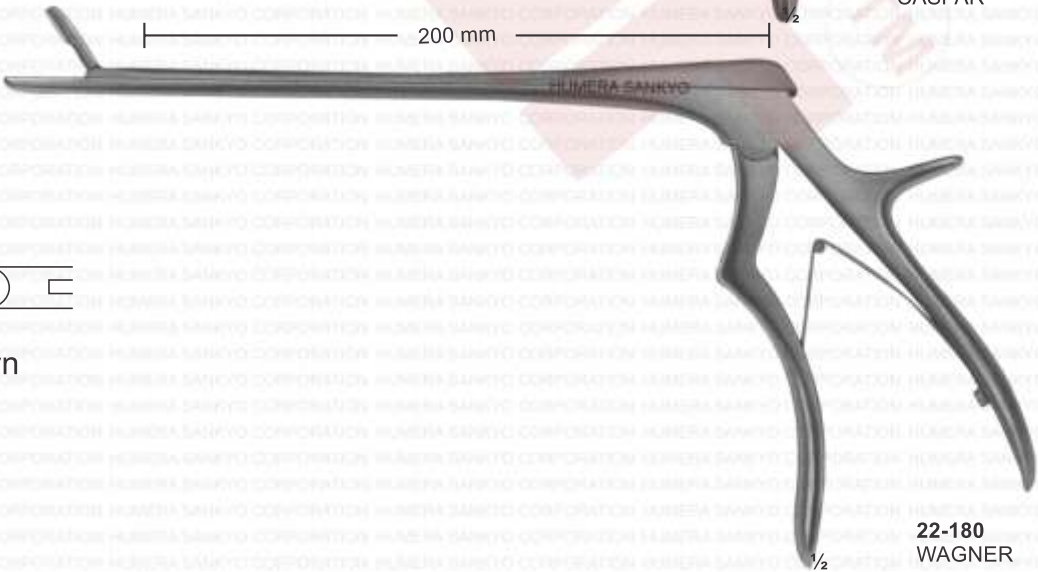
Osteophyte Rongeur



22-178
CASPAR

22-179
4 mm

Osteophyte Rongeur



22-179
CASPAR

22-180
5,5 mm

Very Heavy Pattern

22-180
WAGNER