



BONE SURGERY

Ring Cutters



NTZ-03-786
NTZ-02-787 (blade only)



NTZ-03-788
NTZ-02-789 (blade only)



NTZ-03-790
NTZ-02-791 (blade only)



NTZ-03-792
NTZ-02-793 (blade only)

Nail Tearing Forceps



NTZ-03-794
13.5cm/5.31"



NTZ-03-795
15.5cm/5.31"





BONE SURGERY

Bone Rongeur Forceps



STILLE
NTZ-03-797
23cm/9"



STILLE RUSKIN
NTZ-03-798
23cm/9"



RUSKIN
NTZ-03-799
23cm/9"



RUSKIN
NTZ-03-800
18cm/7"



ZAUFAL JANSEN
NTZ-03-801
18cm/7"



BEYER
NTZ-03-802
18cm/7"



SEMB
NTZ-03-805
22.6 cm / 9"



SAUERBRUCH
30cm/12"



ZTZ-03-806



NTZ-03-807



STILLE LUER
22cm/8-1/2"



NTZ-03-808



NTZ-03-809



LEKSELL STIL
24cm/9-1/2"



NTZ-03-810



NTZ-03-811



BONE SURGERY

Bone Cutting Forceps



STILLE LISTON
NTZ-03-820
27cm/10-1/2"



STILLE LISTON
NTZ-03-821
27cm/10-1/2"



NTZ-03-822
15cm/5-3/4"



	Straight	LISTON	Curved
NTZ-03-823	14cm/5-1/2"		NTZ-03-827
NTZ-03-824	17cm/6-3/4"		NTZ-03-828
NTZ-03-825	19cm/7-1/2"		NTZ-03-829
NTZ-03-826	22cm/8-3/4"		NTZ-03-830



SEMB
NTZ-03-835
24cm/9-1/2"



STILLE LISTON
NTZ-03-836
27cm/10-1/2"



LISTON KEY
NTZ-03-838
27cm/10-1/2"



RUSKIN LISTON
NTZ-03-839
18.5cm/7-1/4"

NTZ-03-837
18.5cm/7-1/4"



LUER
NTZ-03-840
15cm/6"



LUER
NTZ-03-841
15cm/6"



LUER
NTZ-03-842
15cm/6"



CLEVELAND
NTZ-03-843
14cm/5-1/2"



CLEVELAND
NTZ-03-844
17cm/6-3/4"



UNIVERSAL
NTZ-03-846
13.5cm/5-1/4"



LUER
NTZ-03-847
17cm/6-3/4"



JANSEN
NTZ-03-855
18cm/7"



NTZ-03-856



NTZ-03-857



HARTMANN
NTZ-03-858
18.5cm/7-1/4"



MEAD
NTZ-03-859
16.5cm/6-1/2"



MEAD
NTZ-03-860
16.5cm/6-1/2"



LEMPERT
NTZ-03-861
19cm/7-1/2"



FRIEDMAN
NTZ-03-862
14cm/5-1/2"



MINI FRIEDMAN
NTZ-03-863
12cm/5"



BONE SURGERY

Bone Holding Forceps



LEWIN
NTZ-03-865
17.5cm/7"



DINGMANN
NTZ-03-866
19cm/7-1/2"



MARTIN
NTZ-03-867
19cm/7-1/2"



BIRCHER GANSKE
NTZ-03-868
20cm/8"



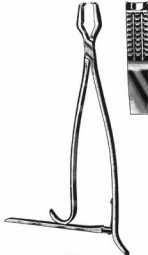
VAN BUREN
NTZ-03-869
23cm/9"



20cm/8"

NTZ-03-871

NTZ-03-872



LANE
NTZ-03-873 33cm/13"
NTZ-03-874 45cm/17-1/2"



LANE
NTZ-03-875 33cm/13"
NTZ-03-876 45cm/17-1/2"



LANE
NTZ-03-877 31.5cm/12-1/2"
NTZ-03-878 49cm/19-1/4"



KERN
NTZ-03-879 17cm/6-3/4"
NTZ-03-880 21cm/8-1/4"



KERN
NTZ-03-881 17cm/6-3/4"
NTZ-03-882 21cm/8-1/4"



SEMB
NTZ-03-883
19cm/7-1/2"



LANGENBECK
NTZ-03-884
21cm/8-1/4"



FERGUSSON
NTZ-03-885
21cm/8-1/4"



LAMBOTTE
NTZ-03-886 22cm/8-1/4"
NTZ-03-887 26cm/10-1/4"
NTZ-03-888 33cm/13"



LAMBOTTE
NTZ-03-889 22cm/8-1/4"
NTZ-03-890 27cm/10-1/2"
NTZ-03-891 30cm/12"



FARABEUF LAMBOTTE
NTZ-03-892
26cm/10-1/4"



FARABEUF
NTZ-03-893 23cm/9"
NTZ-03-894 26cm/10-1/4"



NTZ-03-897
PERCY



LAMBOTTE

NTZ-03-898 19cm/7-1/2"

NTZ-03-899 23cm/9"

NTZ-03-900 26cm/10-1/4"



VERBRUGGE

NTZ-03-901 25cm/10"

NTZ-03-902 26cm/10-1/4"

NTZ-03-903 27cm/11"



BONE SURGERY

Bone Levers



PC08-95

PC08-96

SMILLIE
NTZ-03-904
17cm/6-3/4"



HOHMANN
NTZ-03-907
43mm/244mm



HOHMANN
NTZ-03-905
22mm/250mm



HOHMANN
NTZ-03-908
33mm/276mm



NTZ-03-906
24mm/260mm



LANGE HOHMANN
NTZ-03-909
27mm/246mm





HOHMANN
NTZ-03-910
8mm/236mm



HOHMANN
NTZ-03-911
43mm/240mm



HOHMANN
NTZ-03-912
18mm/236mm



HOHMANN
NTZ-03-913
70mm/245mm



LAMBOTTE
NTZ-03-930
21cm/8-1/4"



LANGENBECK
NTZ-03-931
19cm/7-1/2"



LANGENBECK
NTZ-03-932
18cm/7"



DOYEN
NTZ-03-933 17cm/6-3/4" (Adult)
NTZ-03-934 17cm/6-3/4" (Child)



DOYEN
NTZ-03-935 17cm/6-3/4" (Adult)
NTZ-03-936 17cm/6-3/4" (Child)



BONE SURGERY

Raspatories & Bone Files



PUTTI
NTZ-03-937
27cm/10-1/2"



PUTTI
NTZ-03-938
30cm/12"



NTZ-03-939
24.5cm/9-3/4"



ALEXANDER
NTZ-03-940
20cm/8"



DAVIDSON ALEXANDER
NTZ-03-941
29cm/11-1/2"



SEMB



NTZ-03-942
22.5cm/9"



NTZ-03-943
20.5cm/8"



NTZ-03-943A
20.5cm/8"



NTZ-03-944
21cm/8-1/4"



NTZ-03-945
17.5cm/7"



NTZ-03-946
21cm/8-1/4"



NTZ-03-947
17.5cm/7"



BONE SURGERY Elevators



ST THOMAS MINI HOHMANN

NTZ-03-948
18cm/7"



NTZ-03-949
16cm/6-1/4"



NTZ-03-950
16cm/5-1/2"



KEY

19cm/7-1/2"

Width
mm
6 NTZ-03-951
12 NTZ-03-952
19 NTZ-03-953
25 NTZ-03-954



ADSON

17cm/6-3/4"



NTZ-03-955



NTZ-03-956



NTZ-03-957



NTZ-03-958



ALDERDYCE
NTZ-03-961
21cm/8-1/4"



WILLIGER
NTZ-03-962
16cm/6-1/4"



WILLIGER
NTZ-03-963
17cm/6-3/4"



LANGENBECK
NTZ-03-964
20cm/8"



LANGENBECK
NTZ-03-965
20cm/8"





BRISTOW
NTZ-03-966
23cm/9-1/4"



LANE
NTZ-03-967
26.5cm/10-1/2"



TAYLOR
16.5cm/6-1/2"
NTZ-03-968 75x30 mm
NTZ-03-969 100x30mm



BLOUNT
NTZ-03-970
17.5cm/7"



BLOUNT
NTZ-03-971
26cm/10-1/4"



BLOUNT
NTZ-03-972
26cm/10-1/4"



BENNETT
NTZ-03-973
24cm/9-1/2"



LANGE HOHMANN
NTZ-03-974 27cm/10-1/2"
NTZ-03-975 29cm/11-1/2"



LANGE HOHMANN
NTZ-03-976 27cm/10-1/2"
NTZ-03-977 29cm/11-1/2"



BONE SURGERY

Bone Currettes



FARABEUF
NTZ-03-979
15cm/6"



FARABEUF
NTZ-03-980
15cm/6"



VOLKMANN
21.5cm/8-1/4"



NTZ-03-982



NTZ-03-983



VOLKMANN

NTZ-03-984 13cm/5"

NTZ-03-985 14cm/5-1/2"

NTZ-03-986 17cm/6-1/4"

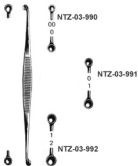


VOLKMANN

NTZ-03-987 13cm/5"

NTZ-03-988 16cm/6-1/4"

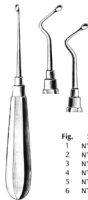
NTZ-03-989 20cm/8"



MARTINI
13.5cm/5-1/4"



WILLIGER
13.5cm/5-1/4"



USA MODEL
16cm/6-1/4"



Fig.	Straight	Right Curved	Left Curved
1	NTZ-03-996	NTZ-03-1002	NTZ-03-1008
2	NTZ-03-997	NTZ-03-1003	NTZ-03-1009
3	NTZ-03-998	NTZ-03-1004	NTZ-03-1010
4	NTZ-03-999	NTZ-03-1005	NTZ-03-1011
5	NTZ-03-1000	NTZ-03-1006	NTZ-03-1012
6	NTZ-03-1001	NTZ-03-1007	NTZ-03-1013



BONE SURGERY

Bone Chisels & Gouges

HIBBS / 24cm/9-1/2"



Width
mm

6 NTZ-03-1014
13 NTZ-03-1015
19 NTZ-03-1016
25 NTZ-03-1017
32 NTZ-03-1018

NTZ-03-1019
NTZ-03-1020
NTZ-03-1021
NTZ-03-1022
NTZ-03-1023

NTZ-03-1024
NTZ-03-1025
NTZ-03-1026
NTZ-03-1027
NTZ-03-1028

NTZ-03-1029
NTZ-03-1030
NTZ-03-1031
NTZ-03-1032
NTZ-03-1033

NTZ-03-1035
NTZ-03-1036
NTZ-03-1037
NTZ-03-1038
NTZ-03-1039



BONE SURGERY

Mallets



HEATH
18cm/7"

NTZ-03-1040 35mm dia 28oz
NTZ-03-1041 40mm dia 36oz



MEAD
17cm/6-3/4"
NTZ-03-1042 26mm dia 320gm



LUCAE
NTZ-03-1043 19mm dia 230gm
NTZ-03-1044 25mm dia 260gm



NTZ-03-1045 30mm dia 510gm



NTZ-03-1046 20mm dia 220gm



COLLIN
NTZ-03-1047 30mm dia 220gm



DOYEN
21cm/8-1/4"



NTZ-03-1048 25mm dia 120gm



NTZ-03-1049 25mm dia 180gm



NTZ-03-1050 35mm dia 260gm



WILLIGER
24cm/9-1/2"



NTZ-03-1051 26mm dia 300gm



NTZ-03-1052 28mm dia 340gm



NTZ-03-1053 30mm dia 400gm

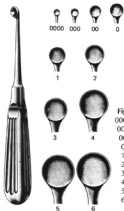


SPRATT
16.5cm/6-1/2"

Fig.	SPRATT	SCHEDE
000	NTZ-03-1054	NTZ-03-1062
00	NTZ-03-1055	NTZ-03-1063
0	NTZ-03-1056	NTZ-03-1064
1	NTZ-03-1057	NTZ-03-1065
2	NTZ-03-1058	NTZ-03-1066
3	NTZ-03-1059	NTZ-03-1067
4	NTZ-03-1060	NTZ-03-1068
5	NTZ-03-1061	

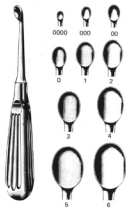


SCHEDE
17cm/6-3/4"



BRUNS
17cm/6-3/4"

Fig.	BRUNS	VOLKMANN
0000	NTZ-03-1069	NTZ-03-1079
000	NTZ-03-1070	NTZ-03-1080
00	NTZ-03-1071	NTZ-03-1081
0	NTZ-03-1072	NTZ-03-1082
1	NTZ-03-1073	NTZ-03-1083
2	NTZ-03-1074	NTZ-03-1084
3	NTZ-03-1075	NTZ-03-1085
4	NTZ-03-1076	NTZ-03-1086
5	NTZ-03-1077	NTZ-03-1087
6	NTZ-03-1078	NTZ-03-1088



VOLKMANN
17cm/6-3/4"



SIMON
24cm/9.42"

- NTZ-03-1095
- NTZ-03-1096
- NTZ-03-1097
- NTZ-03-1098
- NTZ-03-1099
- NTZ-03-1100



BRUNS
23cm/9"

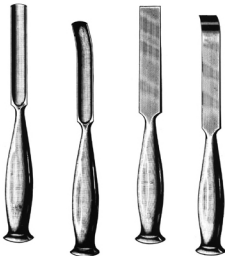
- NTZ-03-1101
- NTZ-03-1102
- NTZ-03-1103
- NTZ-03-1104
- NTZ-03-1105
- NTZ-03-1106
- NMTZ-03-1107
- NTZ-03-1108
- NTZ-03-1109



WILLIGER
17.5cm/7"

- 00
- 00
- 0
- 0
- 1
- 1
- 2
- 2

- Fig.**
- 00 NTZ-03-1110
 - 0 NTZ-03-1111
 - 1 NTZ-03-1112
 - 2 NTZ-03-1113



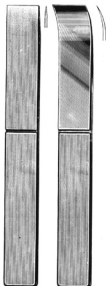
SMITH PETERSON
20cm/8"

mm

6	NTZ-03-1117	NTZ-03-1125	NTZ-03-1133	NTZ-03-1141
9	NTZ-03-1118	NTZ-03-1126	NTZ-03-1134	NTZ-03-1142
13	NTZ-03-1119	NTZ-03-1127	NTZ-03-1135	NTZ-03-1143
14	NTZ-03-1120	NTZ-03-1128	NTZ-03-1136	NTZ-03-1144
16	NTZ-03-1121	NTZ-03-1129	NTZ-03-1137	NTZ-03-1145
19	NTZ-03-1122	NTZ-03-1130	NTZ-03-1138	NTZ-03-1146
25	NTZ-03-1123	NTZ-03-1131	NTZ-03-1139	NTZ-03-1147
32	NTZ-03-1124	NTZ-03-1132	NTZ-03-1140	NTZ-03-1148

LAMBOTTE

	Straight	Curved
mm	24cm/9-1/2"	23cm/9-1/4"
15	NTZ-03-1049	NTZ-03-1056
20	NTZ-03-1050	NTZ-03-1057
25	NTZ-03-1051	NTZ-03-1058
30	NTZ-03-1052	NTZ-03-1059
38	NTZ-03-1053	NTZ-03-1060
44	NTZ-03-1054	NTZ-03-1061
50	NTZ-03-1055	NTZ-03-1062





STILLE / 20cm/8"

Width
mm
10
15
20
25

NTZ-03-1190
NTZ-03-1191
NTZ-03-1192
NTZ-03-1193

NTZ-03-1194
NTZ-03-1195
NTZ-03-1196
NTZ-03-1197

NTZ-03-1198
NTZ-03-1199
NTZ-03-1200
NTZ-03-1201



ALEXANDER / 18cm/7"

Width
mm
4
6
8
10
12
14

NTZ-03-1202
NTZ-03-1203
NTZ-03-1204
NTZ-03-1205
NTZ-03-1206
NTZ-03-1207

NTZ-03-1208
NTZ-03-1209
NTZ-03-1210
NTZ-03-1211
NTZ-03-1212
NTZ-03-1213



BONE SURGERY

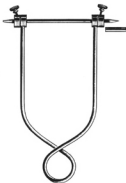
Bone Drill & Guide Forceps



ADSON
NTZ-03-1221
15cm/6"



LANE
NTZ-03-1251
18cm/7"



BOHLER
With 1 Pin
NTZ-03-1290 - 16x9cm/ (6-1/4"x3-1/4")
NTZ-03-1291 - 21x11cm/ (8-1/4"x4-1/2")



BONE SURGERY

Bone Plate Wrench



LANE
NTZ-03-1260
22cm/8-3/4"



LANE
NTZ-03-1262
22cm/8-3/4"



LANE
NTZ-03-1263
18cm/7"



BONE SURGERY

Screw Drivers



WILLIAMS
NTZ-03-1265
24cm/9-1/2"



PHILLIPS
NTZ-03-1266
25cm/10"



NTZ-03-1267
17cm/6-3/4"



LANE
NTZ-03-1268
25cm/10"



NTZ-03-1269
25cm/10"



BONE SURGERY

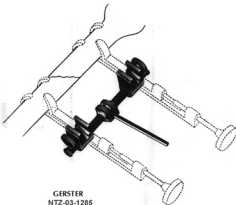
Bone Holding Clamps



PARHAM
NTZ-03-1280
22cm/8-3/4"



PARHAM
NTZ-03-1281 18cm/7"
NTZ-03-1282 20cm/8"
NTZ-03-1283 25cm/10"
NTZ-03-1284 30cm/12"



GERSTER
NTZ-03-1285



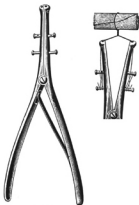
GERSTER LOWMANN
NTZ-03-1286 18cm/7"
NTZ-03-1287 20cm/8"
NTZ-03-1288 22cm/8-3/4"



Flat Nose Pliers



NTZ-03-1296
16.5cm/6-1/2"



DE MEL
NTZ-30-1292
28cm/11"



NTZ-03-1293
14cm/5-1/2"



NTZ-03-1294
15cm/6"



NTZ-03-1295
16cm/6-1/4"



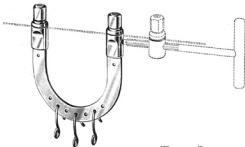
BONE SURGERY

Impactor & Extractor for Nails



KIRSCHNER
NTZ-03-1300
With 3 Hooks

Extension Bows



KIRSCHNER
With 3 Hooks

	cm	in
NTZ-03-1301	9.5x7	3-1/2x2-1/4
NTZ-03-1302	10.5x10.5	4-1/8x4-1/8
NTZ-03-1303	12x12	4-3/4x4-3/4
NTZ-03-1304	15.5x15.5	6x6
NTZ-03-1305	20x15.5	8x6



BONE SURGERY

Bone Chisels & Gouges



Width

mm

	11.5cm/4-1/2"	13.5cm/5-1/4"	17cm/6-3/4"
2	NTZ-03-1310	NTZ-03-1317	NTZ-03-1324
3	NTZ-03-1311	NTZ-03-1318	NTZ-03-1325
4	NTZ-03-1312	NTZ-03-1319	NTZ-03-1326
5	NTZ-03-1313	NTZ-03-1320	NTZ-03-1327
6	NTZ-03-1314	NTZ-03-1321	NTZ-03-1328
7	NTZ-03-1315	NTZ-03-1322	NTZ-03-1329
8	NTZ-03-1316	NTZ-03-1323	NTZ-03-1330

PARTSCH

Width

mm

	11.5cm/4-1/2"	13.5cm/5-1/4"	17cm/6-3/4"
2	NTZ-03-1331	NTZ-03-1338	NTZ-03-1345
3	NTZ-03-1332	NTZ-03-1339	NTZ-03-1346
4	NTZ-03-1333	NTZ-03-1340	NTZ-03-1347
5	NTZ-03-1334	NTZ-03-1341	NTZ-03-1348
6	NTZ-03-1335	NTZ-03-1342	NTZ-03-1349
7	NTZ-03-1336	NTZ-03-1343	NTZ-03-1350
8	NTZ-03-1337	NTZ-03-1344	NTZ-03-1351

PARTSCH

Width

mm

	8	10	12	14	16
NTZ-03-1352	NTZ-03-1353	NTZ-03-1354	NTZ-03-1355	NTZ-03-1356	NTZ-03-1357
NTZ-03-1358	NTZ-03-1359	NTZ-03-1360	NTZ-03-1361	NTZ-03-1362	NTZ-03-1363
NTZ-03-1364	NTZ-03-1365	NTZ-03-1366	NTZ-03-1367	NTZ-03-1368	NTZ-03-1369





BONE SURGERY

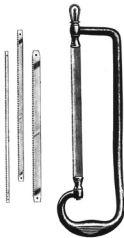
Amputating Saws



NTZ-03-1367
23cm/9"



NTZ-03-1368
19cm/7-1/2"



RUST
NTZ-03-1369
39cm/15-1/2"



CHARRIERE
NTZ-03-1370
35cm/14"



SATTERLEE
NTZ-03-1371
31cm/12-1/4"



CHARRIERE
NTZ-03-1372 27cm/10-1/2"
NTZ-03-1373 30cm/12"
NTZ-03-1374 34cm/13-1/2"



LANGENBECK
NTZ-03-1375
23cm/9"