

## Cobb Curette

- hollow knurled handle
- oval cup
- 11" (28 cm)

- straight

<b>N-9183</b>	size 000
<b>N-9184</b>	size 00
<b>N-9185</b>	size 0
<b>N-9186</b>	size 1
<b>N-9187</b>	size 2
<b>N-9188</b>	size 3
<b>N-9189</b>	size 4
<b>N-9190</b>	size 5
<b>N-9191</b>	size 6

- angled

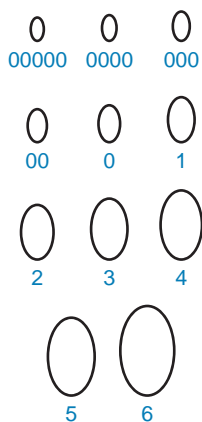
<b>N-9192</b>	size 000
<b>N-9193</b>	size 00
<b>N-9194</b>	size 0
<b>N-9195</b>	size 1
<b>N-9196</b>	size 2
<b>N-9197</b>	size 3
<b>N-9198</b>	size 4
<b>N-9199</b>	size 5
<b>N-9200</b>	size 6



## Bruns Curette

- oval cup
- 9? (23 cm)

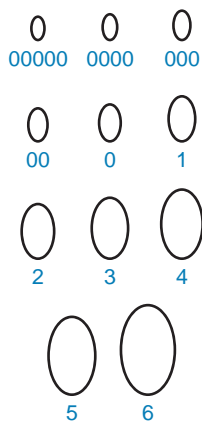
<b>N-9201</b>	straight	size 00000
<b>N-9202</b>	angled	size 00000
<b>N-9203</b>	straight	size 0000
<b>N-9204</b>	angled	size 0000
<b>N-9205</b>	straight	size 000
<b>N-9206</b>	angled	size 000
<b>N-9207</b>	straight	size 00
<b>N-9208</b>	angled	size 00
<b>N-9209</b>	straight	size 0
<b>N-9210</b>	angled	size 0
<b>N-9211</b>	straight	size 1
<b>N-9212</b>	angled	size 1
<b>N-9213</b>	straight	size 2
<b>N-9214</b>	angled	size 2
<b>N-9215</b>	straight	size 3
<b>N-9216</b>	angled	size 3
<b>N-9217</b>	straight	size 4
<b>N-9218</b>	angled	size 4
<b>N-9219</b>	straight	size 5
<b>N-9220</b>	angled	size 5
<b>N-9221</b>	straight	size 6
<b>N-9222</b>	angled	size 6



## Bruns Curette

- thin neck
- oval cup
- 8? (20.5 cm)

<b>N-9223</b>	straight	size 0000
<b>N-9224</b>	angled	size 0000
<b>N-9225</b>	straight	size 0000
<b>N-9226</b>	angled	size 0000
<b>N-9227</b>	straight	size 000
<b>N-9228</b>	angled	size 000
<b>N-9229</b>	straight	size 00
<b>N-9230</b>	angled	size 00
<b>N-9231</b>	straight	size 0
<b>N-9232</b>	angled	size 0
<b>N-9233</b>	straight	size 1
<b>N-9234</b>	angled	size 1
<b>N-9235</b>	straight	size 2
<b>N-9236</b>	angled	size 2
<b>N-9237</b>	straight	size 3
<b>N-9238</b>	angled	size 3
<b>N-9239</b>	straight	size 4
<b>N-9240</b>	angled	size 4
<b>N-9241</b>	straight	size 5
<b>N-9242</b>	angled	size 5
<b>N-9243</b>	straight	size 6
<b>N-9244</b>	angled	size 6



## Maxillary Ostium Elevator/ Feeler

- double-ended
- with ball tips
- 8 1/4" (21 cm)

**N-9245**



**N-9245**

## Titanium Yasargil Bayonet Elevator

- straight oval tip (2.75mm wide)
- 8 7/8" (22 cm)

**T-18242**



**SECTION A-A**



**T-18242**

## Cobb Spinal Elevator

- sharp
- 11"(28 cm)
- stainless

<b>N-9246</b>	3/8" tip
<b>N-9247</b>	1/2" tip
<b>N-9248</b>	3/4" tip
<b>N-9249</b>	1" tip



actual size



## Wagner Elevator

- Phenolic handle

<b>N-9250</b>	8 mm tip	13"(33 cm)
<b>N-9251</b>	20 mm tip	11"(28 cm)
<b>N-9252</b>	17 mm tip	13"(33 cm)



**N-9250**



**N-9251**



**N-9252**

## Cushing Dura Hook

- 6 1/2" (16 cm)

**N-9253**



## Tufts Pigtail Hook

- with ball tip
- 6 3/4" (17 cm)

**N-9254** spirals left  
**N-9255** spirals right



## Pashley Hooks

- 6 1/2" (16.5)

**N-9256** right angle hook/  
probe with round handle  
**N-9257** malleable hook/probe



## Murphy Ball Hook

- 8.5" (22 cm)

**N-9258** str  
**N-9259** cvd



**N-9258**



**N-9259**

## Ball Probes

- 9" (23 cm)

<b>N-9260</b>	str	
<b>N-9261</b>	65°	8mm
<b>N-9262</b>	80°	10mm
<b>N-9263</b>	75°	12mm
<b>N-9264</b>	80°	13mm



## Krayenbuehl Nerve Hook

- 90°

- 7 1/4" (18.5 cm)

<b>N-9265</b>	2 mm tip length	
<b>N-9266</b>	2 mm tip length	1 mm ball tip
<b>N-9267</b>	3 mm tip length	
<b>N-9268</b>	3 mm tip length	1 mm ball tip

- Round Handle

- 10 7/8" (27.5 cm)

<b>N-9269</b>	2 mm tip length	
<b>N-9270</b>	2 mm tip length	1 mm ball tip
<b>N-9271</b>	3 mm tip length	
<b>N-9272</b>	3 mm tip length	1 mm ball tip



**N-9265**

**N-9266**

**N-9267**

**N-9268**

**N-9272**

## Titanium Krayenbuehl Nerve Hook

• 90°

• 7 1/4" (18.5 cm)

<b>T-18243</b>	3 mm probe	1 mm ball tip	small
<b>T-18244</b>	3.8 mm probe	1 mm ball tip	medium
<b>T-18245</b>		1mm ball tip	large
<b>T-18246</b>	2.5 mm probe	without ball tip	



**T-18243**

**T-18244**

**T-18245**

**T-18246**



## Nerve & Vessel Hook

- stainless
- 12"(31 cm)

**N-9273**



## Bayonet Nerve Hook

- 150 mm
- 10 3/4"(27 cm)

**N-9274**



## Titanium Bayonet Nerve Hook

- bulbous Tip (0.5r)
- 9 1/4"(23.5 cm)

**T-18247**



## Nerve Hook

- 3 mm tip length
- 1 mm ball tip
- titanium handle
- stainless shaf
- 7 1/8"(18.25) t

**T-18248**

- probe
- titanium
- 10"(25 c

**T-18249**



**T-18248**



**T-18249**

## Titanium Rhoton Raspatory

- 7 1/2"(19 cm)
- 45°

**T-18250** 1 mm

**T-18251** 2 mm

**T-18252** 3 mm

- stainless steel

**N-9275** 1 mm

**N-9276** 2 mm

**N-9277** 3 mm



**T-18250**



**T-18251**



**T-18252**

## Rhoton Dissector

- 7 1/2" (19 cm)

- titanium

**T-18253** 2.8 mm cvd

**T-18254** 1 mm 2 mm wide

- stainless steel

**N-9278** 2.8 mm cvd

**N-9279** 1 mm 2 mm wide

- 7 1/2" (19 cm)

- semi sharp

- 25°

- titanium

**T-18255** 1.5 mm

**T-18256** 2 mm

**T-18257** 1 mm,  
1.2 mm wide

- stainless steel

- 7 1/2" (19 cm)

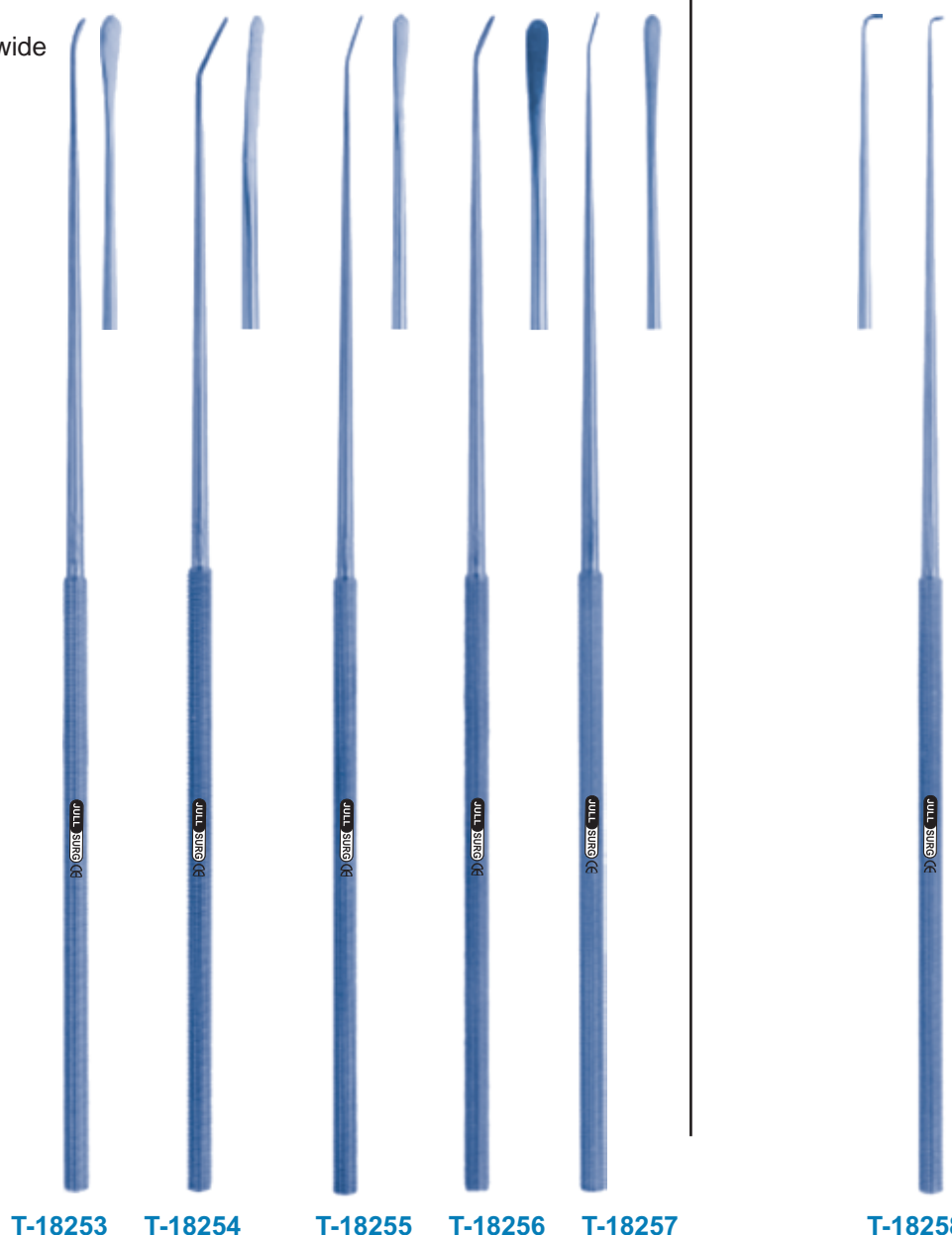
- semi sharp

- 25°

**N-9280** 1.5 mm

**N-9281** 2 mm

**N-9282** 1 mm,  
1.2 mm wide



## Jacobson Hook

- 7 1/2" (19 cm)

- titanium

**T-18258** 2 mm 90° sharp

- stainless steel

**N-9283** 2 mm 90° sharp

## Rhoton Hook Probe

- 7 1/2" (19 cm)
- semi sharp
- titanium

**T-18259** 90° 2 mm blunt

**T-18260** 45° 3 mm sharp

- stainless steel

**N-9284** 90° 2 mm blunt

**N-9285** 45° 3 mm sharp



**T-18259**



**T-18260**

## Rhoton Needle

- 7 1/2" (19 cm)
- semi sharp

- titanium

**T-18261** str

- stainless steel

**N-9286** str



**T-18261**

## Rhoton Curette

- 7 1/2" (19 cm)
- 1 x 2 mm

- titanium

**T-18262** str  
**T-18263** angled 45°

- stainless Steel

**N-9287** str  
**N-9288** angled 45°



**T-18262**

**T-18263**

## Jacobson Button End Probe

- 7 1/2" (19 cm)
- 1 X 3.5 mm

- titanium
- straight
- blunt

**T-18264** 1 mm

- stainless steel
- straight
- blunt

**N-9289** 1 mm



**T-18264**



## Rhoton Instrument Tray

- 8 1/2" x 8 1/2" x 1 1/4"
  - stainless steel
  - Rhoton Instrument sets with tray are also available. Please contact Jull Surg For more information
- instrument tray **only**

**N-9290**



## Titanium Jacobson Button End Probe 90°

- 7 1/2" (19 cm)
- T-18265** 90°

- Stainless Steel
- N-9291** 90°

## Titanium Jacobson Button End Probe

- 7 1/2" (19 cm)

- T-18266** 1 x 5 mm long 90°
- T-18267** blunt, angled 45°

- Stainless Steel
- 7 1/2" (19 cm)

- N-9292** 1 x 5 mm long 90°
- N-9293** blunt, angled 45°

## Titanium Jacobson Hook Probe

- 7 1/2" (19 cm)
- T-18268** 1 x 8 mm long angled

- Stainless Steel
- 7 1/2" (19 cm)
- N-9294** 1 x 8 mm long angled

## Titanium Micro Hook

- 90° graduation (1 mm)
- T-18269** 7 1/2" (19 cm)



**T-18265**

**T-18266**

**T-18267**

**T-18268**

**T-18269**

## Titanium Yasargil Bayonet Raspatory

- curved down
- 7 1/4" (18.5 cm)

**T-18270**



## Titanium Yasargil Raspatory

- 7 1/4" (18.5 cm)

- T-18271** angle with wide blade
- T-18272** light curve with narrow blade
- T-18273** curved with narrow blade
- T-18274** angle with narrow blade



**T-18271**



**T-18272**



**T-18273**



**T-18274**



## Yasargil Raspatory

- single-ended
- 7 1/4" (18.5 cm)

<b>N-9295</b>	slight curve
<b>N-9296</b>	full curve
<b>N-9297</b>	angled
<b>N-9298</b>	double angle
<b>N-9299</b>	dissector



## Jacobson Raspatory

- Single-ended
- Round Handle
- 7 1/4" (18.5 cm)

<b>N-9300</b>	buttoned probe
<b>N-9301</b>	twin probe
<b>N-9302</b>	suture pusher
<b>N-9303</b>	vessel knife



**N-9300**



**N-9301**



**N-9302**



**N-9303**

## Mead Rongeur

- curved
- 4 mm x 10 mm jaw
- 6 1/2" (16.5 cm)

**N-9304**



## Blumenthal Rongeur

- curved
- 2.5 mm x 10 mm jaw
- 6" (15 cm)

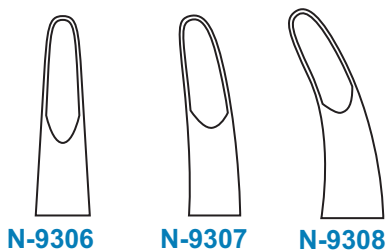
**N-9305**



## Hartman Rongeur

- 4.5 mm x 12 mm jaw
- 5 3/4" (15 cm)

**N-9306** straight  
**N-9307** half curve  
**N-9308** full curve



## Hakansson Rongeur

- 2.5 mm x 12 mm jaw
- curved

**N-9309** 6 1/4" (16 cm)



## Olivecrona Rongeur

- 3 mm x 18 mm jaw
- 8" (20.3cm)

**N-9310** curved



## Leksell Duckbill Rongeur

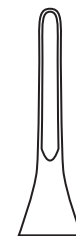
- double-action
- curved to side
- 9" (23 cm)

**N-9311** 3 mm x 16 mm jaw

**N-9312** 4 mm x 16 mm jaw

**N-9313** 5 mm x 16 mm jaw

**N-9314** 6 mm x 16 mm jaw



**N-9311**



**N-9312**



**N-9313**



**N-9314**

## Echlin Duckbill Rongeur

- 9" (23 cm)
- curved to side

<b>N-9315</b>	2 x 12mm bite
<b>N-9316</b>	3 x 12mm bite
<b>N-9317</b>	4 x 12mm bite



**N-9315**



**N-9316**



**N-9317**



## Stille-Luer Echlin Duckbill Rongeur

- 9" (23 cm)
- curved to side

<b>N-9318</b>	6 x 15mm bite
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## Stille-Luer Duckbill Rongeur

- double-action
- curved to side
- 6 x 13mm bite
- 8 3/4" (22 cm)



**N-9319**

**N-9320** black coated



## Ruskin Duckbill Rongeur

- 5 mm jaw
- curved to side
- 7 1/4" (18.5 cm)



**N-9321**



## Leksell Bayonet Shaped Rongeur

- 4 mm jaw
- 8 3/4" (22 cm)

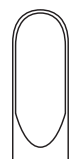
**N-9322** left  
**N-9323** right



## Stille-Luer Rongeur

- double-action
- 8 mm x 18 mm jaw

<b>N-9324</b>	straight		8 1/2" (21.5 cm)
<b>N-9325</b>	curved		8 1/2" (21.5 cm)
<b>N-9326</b>	straight	curved to side	8 1/2" (21.5 cm)
<b>N-9327</b>	straight		10 1/2" (26 cm)
<b>N-9328</b>	curved		10 1/2" (26 cm)



**N-9324**



**N-9325**



**N-9326**

## Ruskin Rongeur

- 6"(15.5 cm)

<b>N-9329</b>	2 mm jaw	straight
<b>N-9330</b>	2 mm jaw	curved
<b>N-9331</b>	3 mm jaw	slight curve
<b>N-9332</b>	3 mm jaw	full curve
<b>N-9333</b>	4 mm jaw	curved



- 7 1/4"(18.5 cm)

<b>N-9334</b>	5 mm jaw	straight
<b>N-9335</b>	5 mm jaw	curved
<b>N-9336</b>	6 mm jaw	straight
<b>N-9337</b>	6 mm jaw	curved



- 9"(23cm)

<b>N-9338</b>	5 mm	straight
<b>N-9339</b>	5 mm	curved



## Smith-Peterson Laminectomy Rongeur

- stout model
- 3 mm jaw

<b>N-9340</b>	7 1/2"(19 cm)	straight
<b>N-9341</b>	7 1/2"(19 cm)	slight curve
<b>N-9342</b>	7 1/2"(19 cm)	full curve



- standard
- 3 mm jaw

<b>N-9343</b>	9 1/2"(24 cm)	straight
<b>N-9344</b>	9 1/2"(24 cm)	slight curve
<b>N-9345</b>	9 1/2"(24 cm)	full curve



## Smith-Peterson Laminectomy Rongeur

- 3 mm jaw
- miniture model
- double action

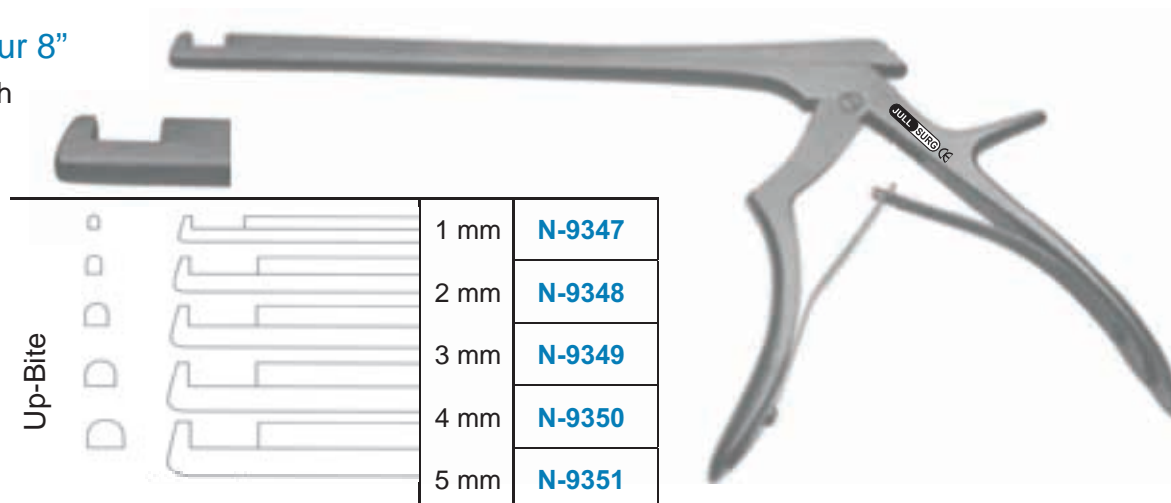
<b>N-9346</b>	7 1/2"(19.7 cm)	curved
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## Kerrison Rongeur 8"

- thin footplate-punch  
stainless steel



titanium

Up-Bite	1 mm	T-18290
	2 mm	T-18291
	3 mm	T-18292
	4 mm	T-18293
	5 mm	T-18294



stainless steel

Down-Bite	1 mm	N-9352
	2 mm	N-9353
	3 mm	N-9354
	4 mm	N-9355
	5 mm	N-9356

titanium

Down-Bite	1 mm	T-18295
	2 mm	T-18296
	3 mm	T-18297
	4 mm	T-18298
	5 mm	T-18299

## Kerrison Rongeur 8"

- thin footplate-punch
- stainless steel

Width of  
Bite

40° Up-Angle		1 mm	<b>N-9357</b>
		2 mm	<b>N-9358</b>
		3 mm	<b>N-9359</b>

Width of  
Bite

- titanium

40° Up-Angle		1 mm	<b>T-18287</b>
		2 mm	<b>T-18288</b>
		3 mm	<b>T-18289</b>



## Kerrison Rongeur

- ceramic titanium coating
- special handle/ gold screw
- thin footplate-punch
- 7" (18cm)

**T-18275** 1mm 90° up-bite





## Cushing Pituitary Rongeur

• 2 mm x 10 mm bite

<b>N-9360</b>	straight	5" (13 cm) shaft
<b>N-9361</b>	up-angled	5" (13 cm) shaft
<b>N-9362</b>	down-angled	5" (13 cm) shaft
<b>N-9363</b>	straight	7" (18 cm) shaft
<b>N-9364</b>	up-angled	7" (18 cm) shaft
<b>N-9365</b>	down-angled	7" (18 cm) shaft



## Love-Gruenwald Pituitary Rongeur

• 3 mm x 10 mm bite

<b>N-9366</b>	straight	5" (13 cm) shaft
<b>N-9367</b>	up-angled	5" (13 cm) shaft
<b>N-9368</b>	down-angled	5" (13 cm) shaft
<b>N-9369</b>	straight	7" (18 cm) shaft
<b>N-9370</b>	up-angled	7" (18 cm) shaft
<b>N-9371</b>	down-angled	7" (18 cm) shaft

## Spurling Pituitary Rongeur

- 4 mm x 10 mm bite

<b>N-9372</b>	straight	5" (13 cm) shaft
<b>N-9373</b>	up-angled	5" (13 cm) shaft
<b>N-9374</b>	down-angled	5" (13 cm) shaft
<b>N-9375</b>	straight	7" (18 cm) shaft
<b>N-9376</b>	up-angled	7" (18 cm) shaft
<b>N-9377</b>	down-angled	7" (18 cm) shaft



**N-9373**

**N-9374**



## Schlesinger (Cloward) Rongeur

- serrated bite
- 6" (14 cm) shaft

- straight

<b>N-9378</b>	2 mm x 10 mm bite
<b>N-9379</b>	3 mm x 10 mm bite
<b>N-9380</b>	4 mm x 10 mm bite
<b>N-9381</b>	6 mm x 10 mm bite

- up-angled

<b>N-9382</b>	2 mm x 10 mm bite
<b>N-9383</b>	3 mm x 10 mm bite
<b>N-9384</b>	4 mm x 10 mm bite
<b>N-9385</b>	6 mm x 10 mm bite

- down-angled

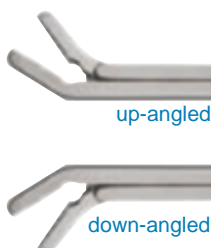
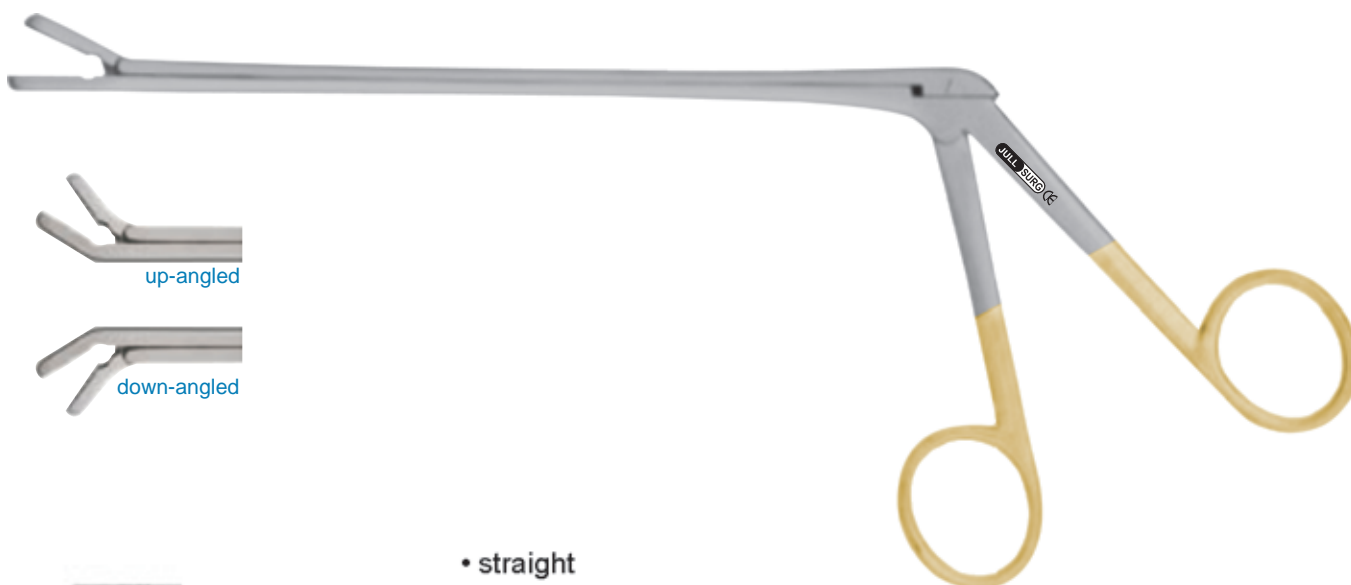
<b>N-9386</b>	2 mm x 10 mm bite
<b>N-9387</b>	3 mm x 10 mm bite
<b>N-9388</b>	4 mm x 10 mm bite
<b>N-9389</b>	6 mm x 10 mm bite



## Caspar Grasping Rongeur

- custom instrument
- fenestrated
- straight

9" (23 cm) shaft      6 mm x 16 mm jaw



 2 mm x 12 mm

 3 mm x 12 mm

 4 mm x 14 mm

 5 mm x 14 mm

### • straight

<b>N-9390</b>	5 1/2" (14 cm) shaft	2 mm x 12 mm jaw
<b>N-9391</b>	5 1/2" (14 cm) shaft	3 mm x 12 mm jaw
<b>N-9392</b>	5 1/2" (14 cm) shaft	4 mm x 14 mm jaw
<b>N-9393</b>	5 1/2" (14 cm) shaft	5 mm x 14 mm jaw

### • up-angled

<b>N-9394</b>	5 1/2" (14 cm) shaft	3 mm x 12 mm jaw
<b>N-9395</b>	5 1/2" (14 cm) shaft	4 mm x 14 mm jaw
<b>N-9396</b>	5 1/2" (14 cm) shaft	5 mm x 14 mm jaw

### • down-angled

<b>N-9397</b>	5 1/2" (14 cm) shaft	3 mm x 12 mm jaw
<b>N-9398</b>	5 1/2" (14 cm) shaft	4 mm x 14 mm jaw