



TIM KLOCK, Altoona, PA.....

Chainsaw 201

- Safety, always, safety
- Gasoline Powered Carving Equipment
- Carving Efficiently and Effectively:
a bear bench in an hour!
- Be Inspired by Everything You See!

Prerequisites: *Chainsaw 101* <http://appalachian-arts.com/seminars2015.html>

Tim began carving in 2003 after nearly destroying his ankle in a timber framing accident. During the long recovery he started carving with a chainsaw to keep from going crazy. Four months after carving his first bear, he was invited to demonstrate his art at Blair County's Keystone Country fair. Three years later, he was competing in the Echo Cup Championship in Oshkosh, Wisconsin. He has also competed in the U.K. at the English open and carved in Carrbridge, Scotland since 2011. Tim is looking forward to another trip across the pond this year. When he's not traveling and competing he can be found at his studio in Altoona, PA doing commission work and occasionally giving lessons to help other artists achieve their dreams and goals. He has been attending the Chainsaw Carvers Rendezvous in Ridgeway since 2004. Tim accredits half of his knowledge on carving to the 'Vos and the carvers that attend the event. <https://www.facebook.com/timothy.klock.9>

Safety- *The Who*, 1975

See me... Safety (not just sun) glasses



Feel me...

- Gloves for Protection and Vibration
- Boots and reinforced toe

Hear me... Ear Plugs or Muffs

Touch me...

- Separation from the public
- Safety screen, netting, types and source



Heal me.... <https://www.youtube.com/watch?v=KJk8abLqE84>

- Chaps, is this really even a question?
- Don't position yourself in the path of the bar.
- SawDust Fires... don't try to put them out, remove them!



A Carving Saw.... *I don't use chainsaws, I use gasoline powered carving equipment*

Carving Bars... It's in the nose:

- Shape: Toonie, quarter or dime tip
- Hard nose or sprocket tooth



Bar gauges: width of the groove on the 0.043

Chain pitch: spacing of the drive links

Need drive sprocket that matches chain; also chains must match roller nose

Spur Sprocket (teeth fixed to the clutch bell); rim drive (splined)

Chain & Bar Gauge Must Match; Chain, Driver Sprocket and Roller Tip must Match

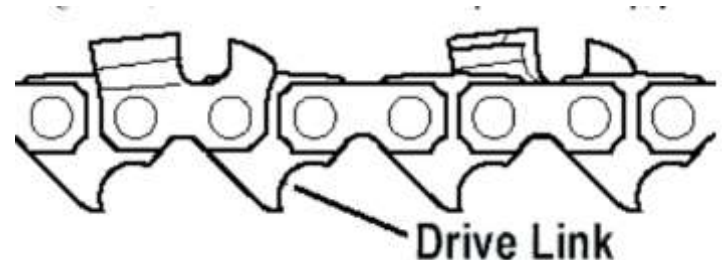
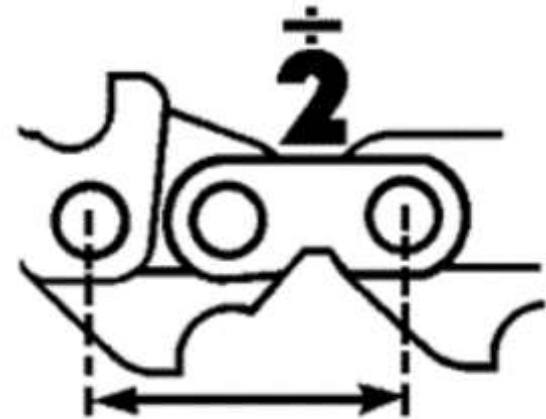
What is Chain & Bar Gauge?

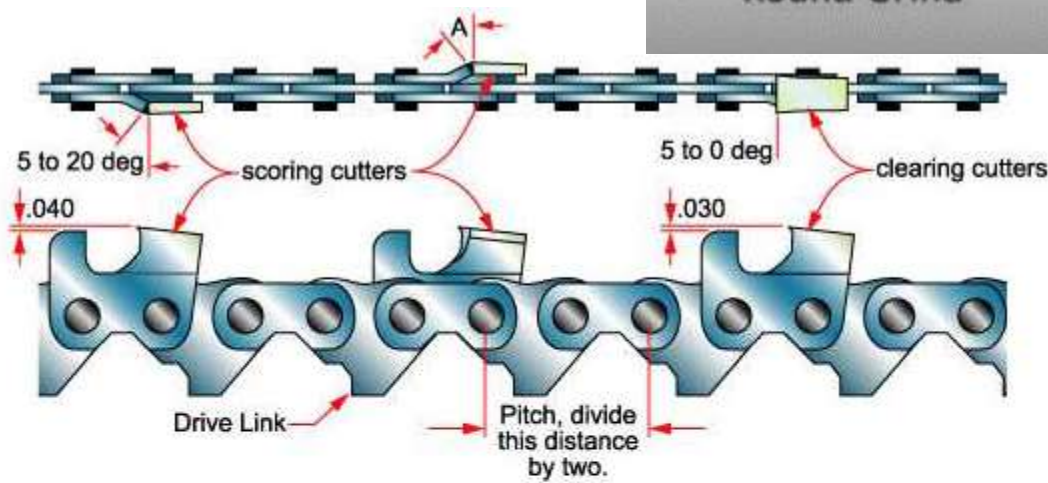
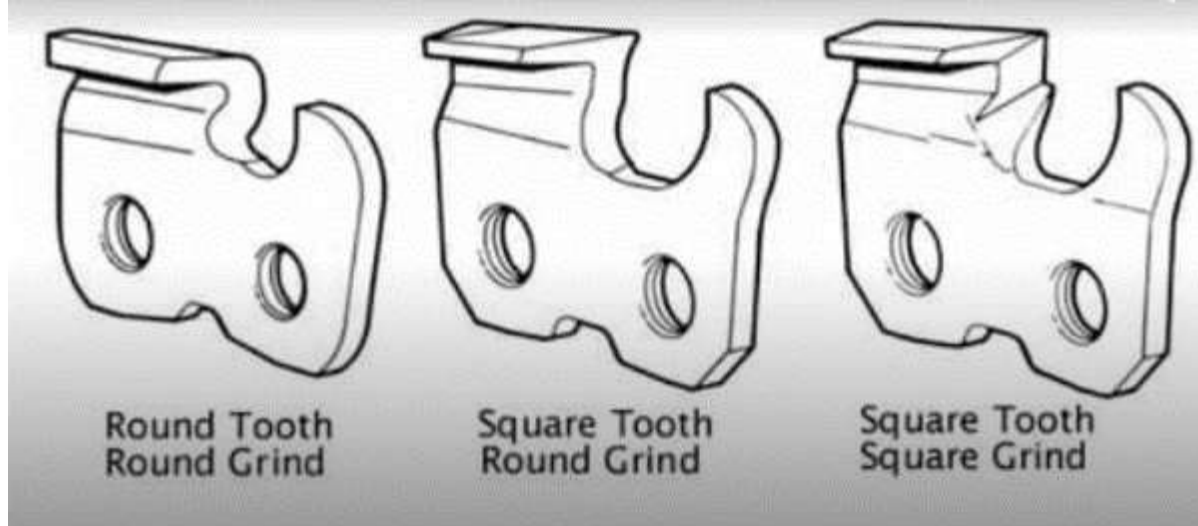
Gauge is the Drive Link's thickness where it fits into the bar groove. The gauge of the chain and the gauge of the bar must match.

Common gauges are: .043", .050", .058" and .063".

What is Chain Pitch? ...the distance between any three consecutive rivets divided by two (usually a number stamped on the drive link)

Common pitches are: 1/4" (many carving chains); 3/8" (most common in the market); and 3/4" (larger and harvesting saws)

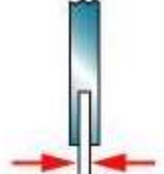
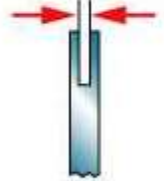




Gage, Drive Link



Gage, Saw Bar



Chain Identification



Gage: **Stihl**
 (marked on drive link)
 3 = .050
 5 = .058
 6 = .063



Pitch: **Stihl**
 (marked on depth gage)
 2 = .325
 3 = .3/8
 4 = .404
 6 = 3/8 low pro



Work Smart and Efficiently in Your Carving Design

- Use the right saw for the right procedure
- Smaller saws allow more control
- More control allows better translation of your thought to the piece



Carving a Bench is One Hour!
Assembling the bench in 8 min
leaving 52 to carve the ends!

Video Link here.....

Be Inspired by Everything You See!

Don't copying a carving, carve the real thing

Be inspired by the objects themselves

Prepare for reality

They are not always what we think



Eagle Walking



13 Segments on a Turtle's Shell



Alligator, Crocodile, no Timagator