

Leather Basics 101 @ Dallas MakerSpace. Class Outline

Types of Leather

- Vegetan vs Chrome tanned leather
- Pros of Veg: Strong, firmer stock avail. Can dye, tool, stamp, & mould. Cons: more expensive
- Pros of Chrome: Garments and upholstery, Cost, colors and textures, soft. Cons: weaker fibers, cannot finish edges, caustic chemicals used
- Cuts of leather: Sides, Shoulders(single and double), Bend, bellies...
- Leather Weights. Oz & millimeters, uses.

<https://www.tandy-leather.com/en/leather-buying-guide.html>

Types of leatherwork.

- Tooling, Carving & Stamping https://www.leather-dictionary.com/index.php/Carving_leather
- Moulding
- Dyeing

Tools we have & uses:

- Sewing Machines
 - Babylock Zest : perfect for chrome leather
 - Thor - up to 3/4:" of leather
 - Consew
 - Tooling & Stamping Tools
 - Scratch awl
 - Mallets & Mauls
 - Cutting boards and Granite slabs
 - Cutting tools: Exacto, Utility Knife, Head Knife, scissors, rotary knife
 - Skiving tools (thickness and edges)
 - Edge tools & Dividers, Adjustable groover
 - Strap cutter
 - Dyes (oil, water, alcohol Alanine)
 - Waxes, Conditioners
 - Threads and needles
 - Pricking Irons/Chisels
 - Burnishing the edges/ wood slicker
 - Gum Tragacanth
 - Rivets, Snaps, Chicago Screws. Arbor Press (see Tandy video)
 - Punches. Rotary, hole, oval, ends for like belts.
 - Contact cements and double sided tape
 - Finishes: Atom, Beeswax, Mink Oil
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Links to fav YouTubers

Ian Atkinson

<https://www.youtube.com/user/satansbarber>

Corter Leather Fantastic style and process. Some plans avail

<https://tinyurl.com/CorterLeather>

Hahns Altier - Excellent projects and technique. Lots of plans available

<https://tinyurl.com/HAHNSATELIER>

Stock & Barrel

Funny, detailed, open. Variety of designs. Patterns for sale. Works mostly in vegi-tan leather. Good info on starting a business. Is now starting a course for this.

<https://tinyurl.com/StockAndBarrel>

His 10 favourite tools:

<https://www.youtube.com/watch?v=zhVTEqYowml&t=94s>

Little Kings Good designs, info on starting a business

<https://tinyurl.com/LittleKingsLeather>

Weaver Leather.

Supplier. Broad range of videos. Intros, projects, tooling, more traditional Western styles.

<https://www.youtube.com/uGreaverLeatherLLC>

CharterMade.

Shopping for Supplies

1. Tandy Leather. Online and in-store. The place in DFW
Classes avail, most free. Excellent sales.

2. Rocky Mountain Leather.

Excellence selection. Free shipping.

<https://www.rmleathersupply.com/collections/all>

3. Goods Japan

Deep selection of leatherworking tools. Pricey

<https://www.goodsjapan.com/>

4. Weaver Leather

<https://www.weaverleathersupply.com/>

5. Maker's Leather Supply

Based on Waco, TX. Excellent source for thread.

<http://www.makersleathersupply.com/>

6. Springfield Leather <https://www.springfieldleather.com/>

7. Amazon, Dollar Tree, Harbor Freight.

Leather Hide Parts:



WHOLE HIDE



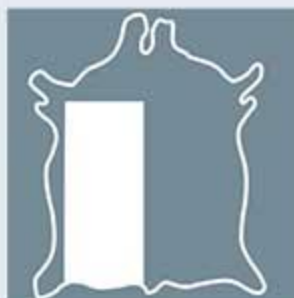
SIDE



DOUBLE SHOULDER



SINGLE SHOULDER



BEND



DOUBLE BEND



BELLY



SINGLE BUTT

Weight/Thickness Conversion

Ounces Irons Inches Millimeters

| | | | |
|--------|-------|-------|--------|
| 1 oz. | 0.75 | 1/64 | 0.4 mm |
| 2 oz. | 1.50 | 1/32 | 0.8 mm |
| 3 oz. | 2.25 | 3/64 | 1.2 mm |
| 4 oz. | 3.00 | 1/16 | 1.6 mm |
| 5 oz. | 3.75 | 5/64 | 2.0 mm |
| 6 oz. | 4.50 | 3/32 | 2.4 mm |
| 7 oz. | 5.25 | 7/64 | 2.8 mm |
| 8 oz. | 6.00 | 1/8 | 3.2 mm |
| 9 oz. | 6.75 | 9/64 | 3.6 mm |
| 10 oz. | 7.50 | 5/32 | 4.0 mm |
| 11 oz. | 8.25 | 11/64 | 4.4 mm |
| 12 oz. | 9.00 | 3/16 | 4.8 mm |
| 13 oz. | 9.75 | 13/64 | 5.2 mm |
| 14 oz. | 10.50 | 7/32 | 5.6 mm |
| 15 oz. | 11.25 | 15/64 | 6.0 mm |
| 16 oz. | 12.00 | 1/4 | 6.4 mm |

