

Heavy-Duty Adjustable Collar

• A reinforced adjustable collar designed for strength and durability •



Built for strength, daily walking, and stronger dogs.
Use heavy nylon webbing and reinforced stress-point stitching.

10-STEP ROADMAP

- 1 Project overview
- 2 Sizing + hardware guide
- 3 Tools + materials
- 4 Cut chart
- 5 Prepare reinforced fabric-covered straps
- 6 Sew the short fixed section
- 7 Sew the long adjustable section
- 8 Thread the adjustment system
- 9 Reinforce + finish neatly
- 10 Final fit + selling checklist

FINISHED SIZES



Small: fits 10–14 in neck



Medium: fits 14–18 in neck



Large: fits 18–22 in neck

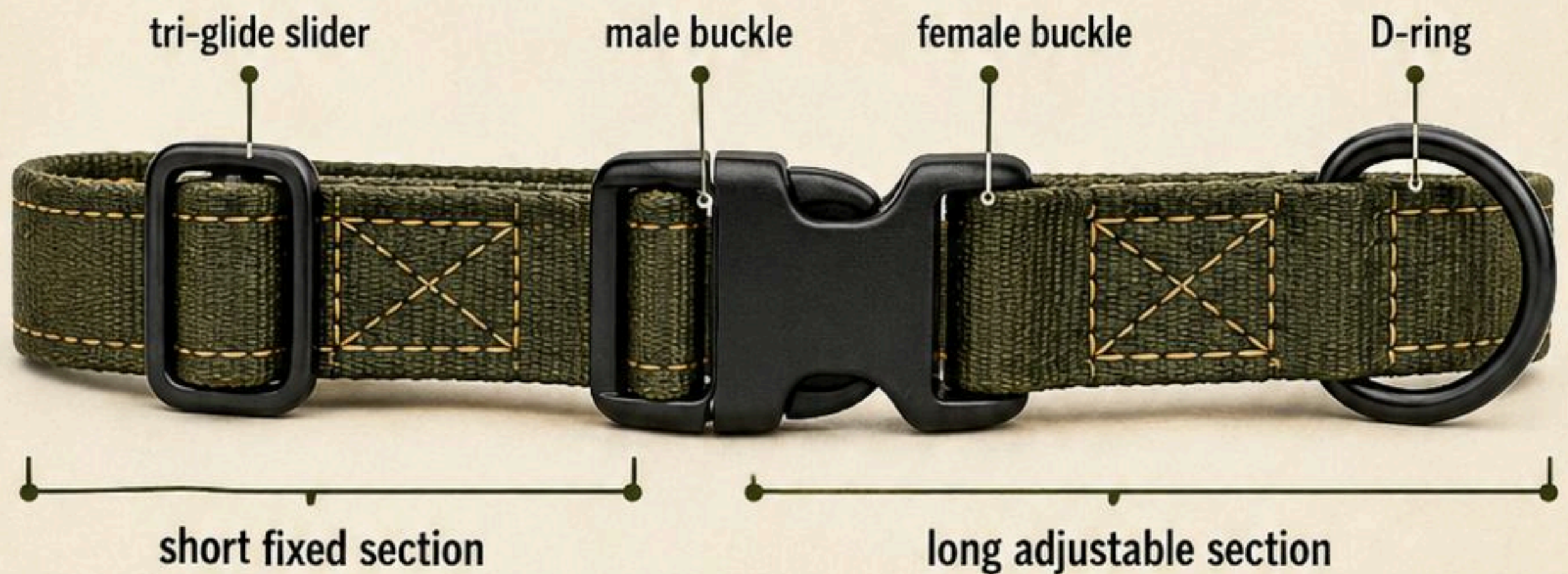


Design goal:
strong, durable, secure,
and practical to sew
for resale.

Sizing + Hardware Guide

• Choose the correct width and hardware before cutting •

1. COLLAR ANATOMY



2. SIZE & HARDWARE GUIDE

Size	Neck Range (inches)	Finished Width (inches)	Hardware Size (inches)	Webbing Width (inches)
Small	10–14 in	3/4 in	3/4 in	3/4 in
Medium	14–18 in	1 in	1 in	1 in
Large	18–22 in	1 in	1 in	1 in



Use heavy nylon webbing, strong polyester thread, a heavy-duty side-release buckle, one metal tri-glide, and one welded D-ring in the matching width.



This reinforced collar is made for daily walking and stronger dogs, but it is not for tie-out use.

Tools + Materials

• Gather everything before you begin •



Heavy cotton canvas or outdoor fabric



Heavy fusible interfacing



Heavy nylon webbing



Heavy-duty side-release buckle



Metal tri-glide slider



Welded D-ring



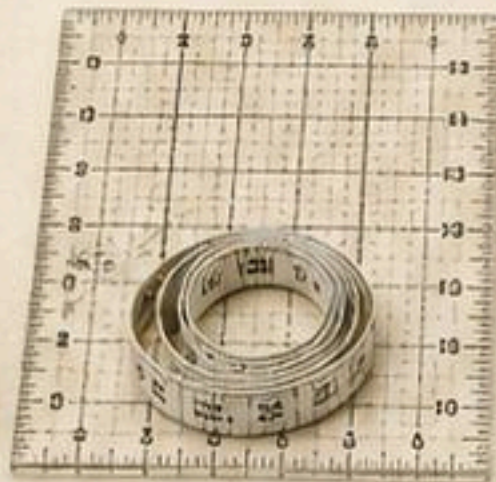
Strong polyester thread



Sewing machine



Iron + ironing surface



Quilting ruler or tape measure



Scissors or rotary cutter



Clips or pins



Lighter or fray check for sealing webbing ends



Fabric marker



Size 100/16 denim or jeans needle

MATERIALS CHECKLIST

- ☐ Heavy cotton canvas or outdoor fabric
- ☐ Heavy fusible interfacing
- ☐ Heavy nylon webbing
- ☐ Heavy-duty side-release buckle
- ☐ Metal tri-glide slider
- ☐ Welded D-ring
- ☐ Strong polyester thread

TOOLS CHECKLIST

- ☐ Sewing machine
- ☐ Iron + ironing surface
- ☐ Quilting ruler or tape measure
- ☐ Scissors or rotary cutter
- ☐ Clips or pins
- ☐ Lighter or fray check for sealing webbing ends
- ☐ Fabric marker
- ☐ Size 100/16 denim or jeans needle



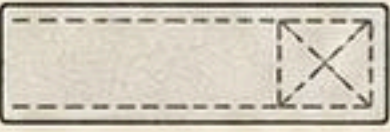
Suggested stitch length: 3.5 mm.
Use a size 100/16 denim or jeans needle for layered stitching.



Seal the cut ends of nylon webbing lightly so they do not fray. Do not scorch the material.

Cut Chart

• Cut fabric, interfacing, and webbing for one collar •

Piece	Small (3/4 in finished width)	Medium (1 in finished width)	Large (1 in finished width)
Long fabric strip 	16.5 in x 2 in	20.5 in x 2.5 in	24.5 in x 2.5 in
Short fabric strip 	6.5 in x 2 in	7 in x 2.5 in	7.5 in x 2.5 in
Long interfacing strip 	16.5 in x 2 in	20.5 in x 2.5 in	24.5 in x 2.5 in
Short interfacing strip 	6.5 in x 2 in	7 in x 2.5 in	7.5 in x 2.5 in
Long webbing strip 	15.5 in x 3/4 in	19.5 in x 1 in	23.5 in x 1 in
Short webbing strip 	5.5 in x 3/4 in	6 in x 1 in	6.5 in x 1 in



The fabric strip widths already allow for 1/4 in folds on both long edges before wrapping around the webbing.



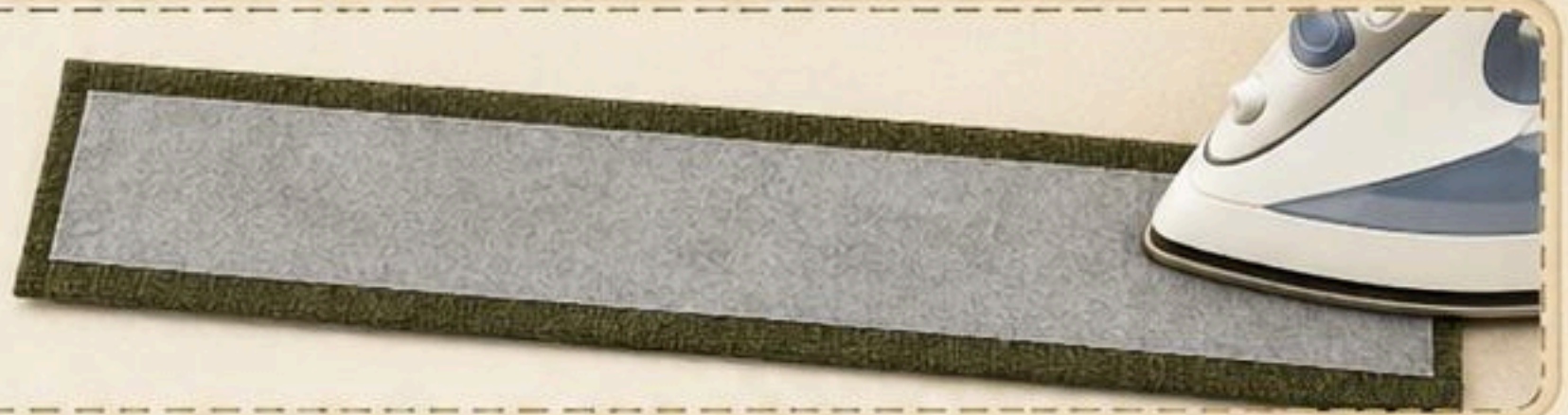
Keep the long and short pieces labeled and separated after cutting.

Prepare the Reinforced Fabric-Covered Straps

• *Make one long strap and one short strap* •

1

Fuse the interfacing to the wrong side of each fabric strip.



2

Fold each long raw edge inward by 1/4 in and press.



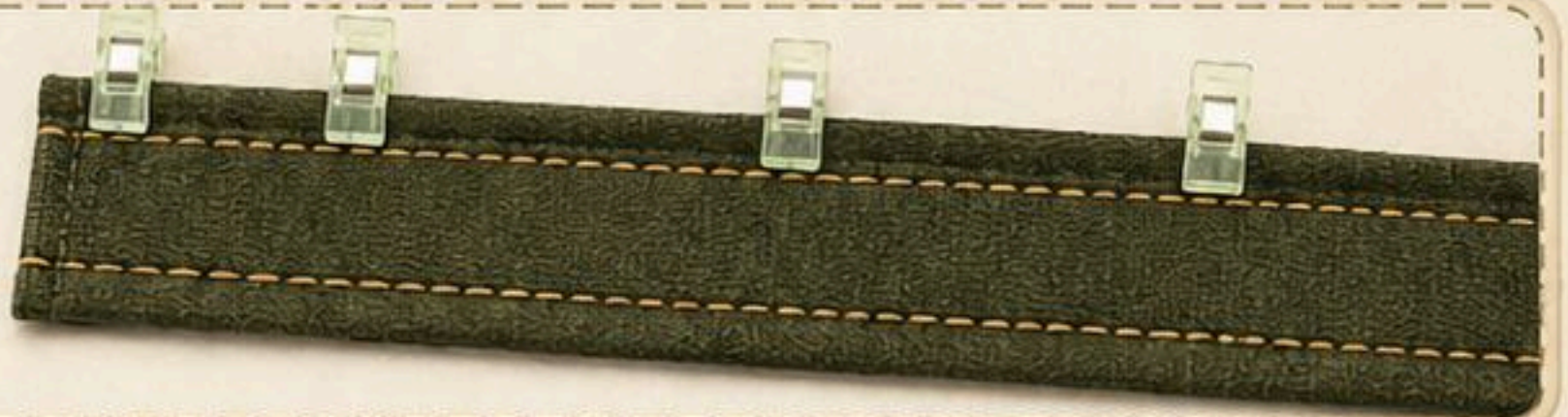
3

Center the matching webbing strip inside the folded fabric wrap.



4

Clip in place and topstitch close to both long edges.



FINISHED RESULT

Long strap (open ends)



Short strap (open ends)



TIP: Keep the stitching straight and parallel to the edges. Do not sew the ends closed yet because the hardware folds will hide the raw ends.

Sew the Short Fixed Section

• *Attach the female buckle and D-ring* •

- 1** Take the short strap.



- 2** Thread one end through the D-ring.



- 3** Continue through the female buckle slot.



- 4** Fold the tail back.



- 5** Keep the D-ring sitting between the buckle and the folded section.



- 6** Sew a strong box-X stitch across the folded tail.



**Fold-back
reference:**

Small: 1.75 in

Medium: 2 in

Large: 2 in

CORRECT FINISHED RESULT



Female buckle on the end,
D-ring beside it, stitched
fold holding both securely.



Check that the strap is not twisted before sewing.
The D-ring should move freely but stay captured
between the buckle and the stitch line.

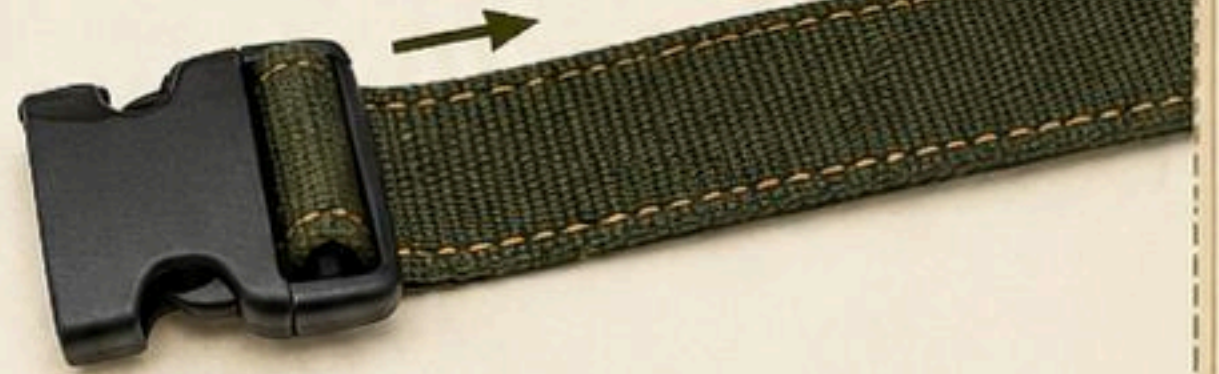
Sew the Long Adjustable Section

• *Attach the male buckle and add the slider* •

1 Take the long strap.



2 Thread one end through the male buckle.



3 Fold the tail back.



Fold-back reference:

Small: 1.75 in

Medium: 2 in

Large: 2 in

4 Sew a strong box-X stitch across the folded tail.



5 Slide the tri-glide slider onto the free end of the strap.



6 Leave the free end open because it will become the adjustment tail.



CORRECT RESULT



Male buckle is securely attached on one end.
Tri-glide slider is loose on the other end.



The long strap must stay flat and untwisted.
Keep the slider aligned so the adjustment path will work smoothly.

Thread the Adjustment System

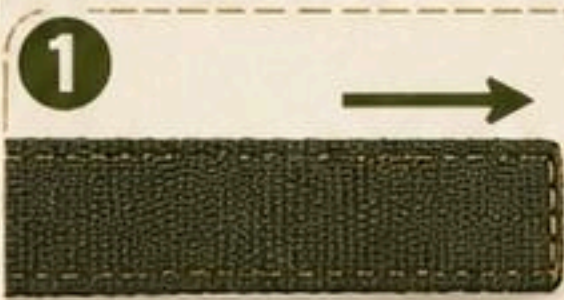
• Join both sections and create the adjustable loop •

THREADING DIAGRAM

- 1** Take the free end of the long strap.
- 2** Pass it through the female buckle slot.
- 3** Bring the tail back through the tri-glide slider to lock the adjustment path.
- 4** Leave about 2.5 in of free tail beyond the tri-glide at the largest setting.
- 5** Pull the strap to test that the collar loosens and tightens smoothly.



FINISHED ASSEMBLY SEQUENCE



- 1** Start with the free end of the long strap.



- 2** Pass the strap through the female buckle slot.



- 3** Bring it back through the tri-glide slider.



- 4** Leave about 2.5 in of tail beyond the tri-glide at the largest setting.



The strap must lie flat all the way through the buckle and slider. If the strap twists, unthread it and correct the path before finishing.



At the largest setting, keep at least 2.5 in of tail still engaged through the slider for security.

Reinforce + Finish Neatly

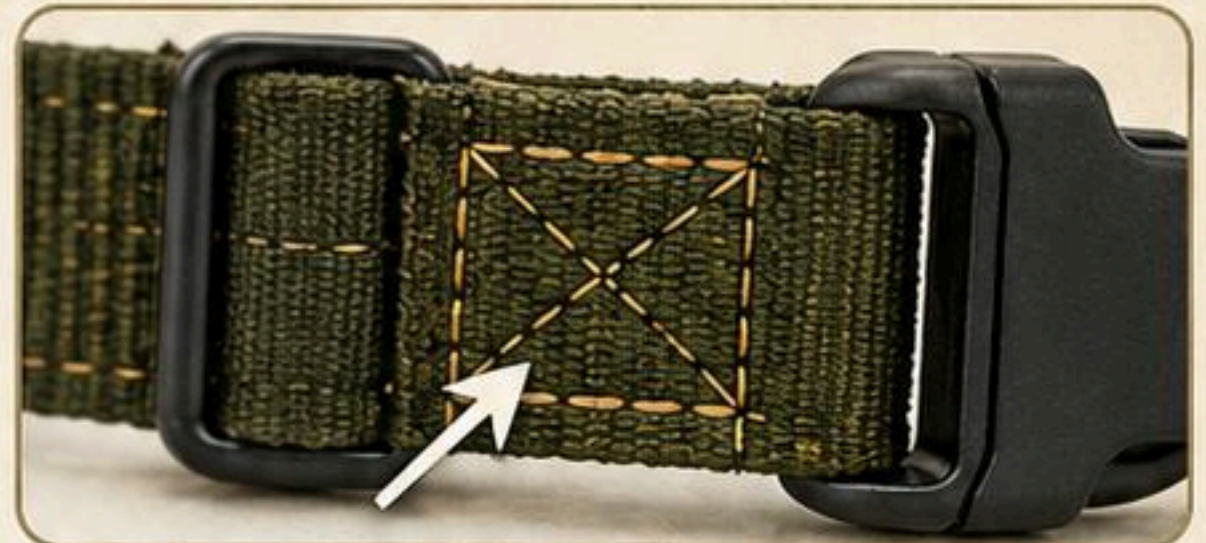
• Check the stress points and clean up the collar •



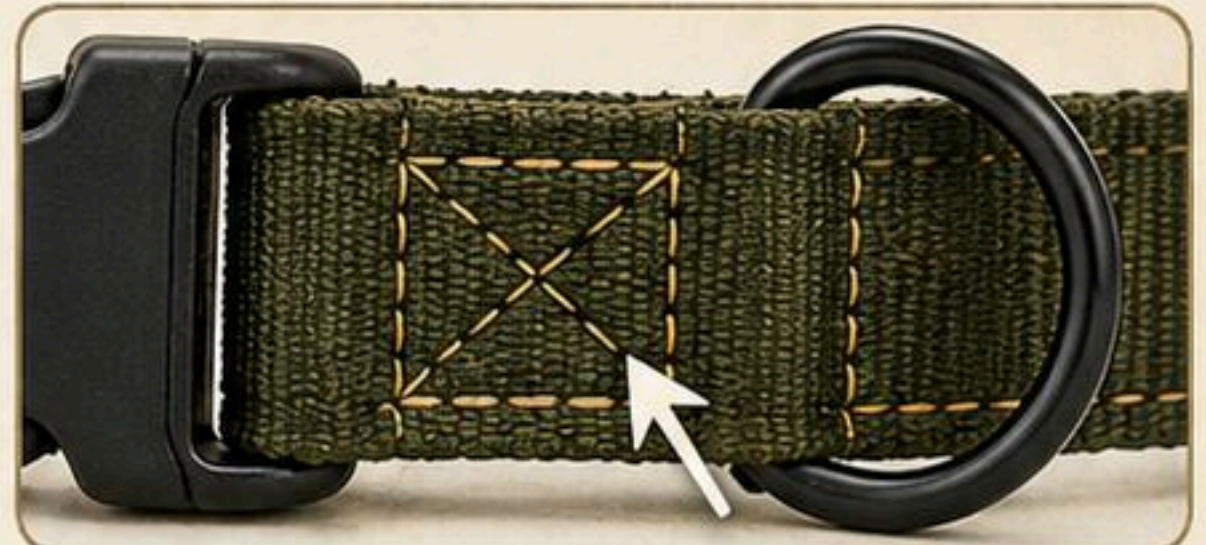
QUALITY CHECKLIST

- ✓ All box-X stitches are straight and secure.
- ✓ The long edge topstitching is even.
- ✓ The collar tightens and loosens smoothly.
- ✓ The D-ring sits correctly beside the female buckle.
- ✓ The collar lies flat with no twists.
- ✓ Webbing ends are sealed neatly and loose threads are trimmed.

STRESS POINTS



Male buckle side (folded, stitched area)



Female buckle + D-ring side (folded, stitched area)



Press the fabric lightly, trim threads, and test every reinforced point by hand before the collar is ready to sell.

Final Fit + Selling Checklist

• Confirm the size range and prepare the collar for resale •



FINISHED SIZE SUMMARY



Small: fits 10–14 in neck,
finished width 3/4 in

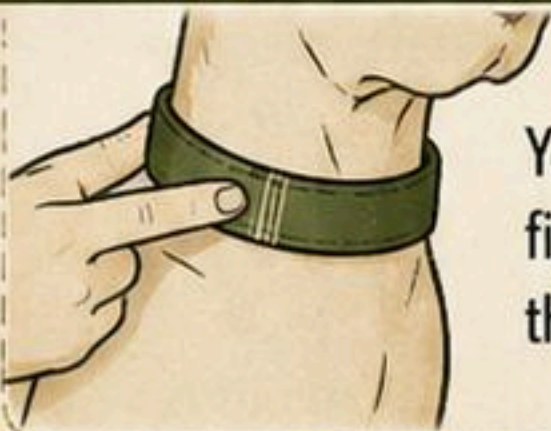


Medium: fits 14–18 in neck,
finished width 1 in



Large: fits 18–22 in neck,
finished width 1 in

TWO-FINGER FIT RULE



You should be able to fit two
fingers comfortably between
the collar and your dog's neck.

SELLER CHECKLIST

- ✓ Test the buckle click.
- ✓ Check the tri-glide grip.
- ✓ Confirm the collar adjusts through the full size range.
- ✓ Use the two-finger fit rule on a sample neck form.
- ✓ Label the size clearly for sale.
- ✓ Add care instructions: spot clean or hand wash, then air dry.
- ✓ Add safety note: inspect before each use and do not use as a tie-out collar.



Your heavy-duty adjustable collar is finished
and ready to photograph, package, and sell.