

Lightweight Adjustable Collar

A slim adjustable collar designed for lighter dogs



Best for lighter dogs and everyday leash use.
Use strong polyester thread and reinforced stress-point stitching.



10-STEP ROADMAP

- 1 Project overview
- 2 Sizing + hardware guide
- 3 Tools + materials
- 4 Cut chart
- 5 Prepare 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:

lightweight, low bulk,
comfortable, 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	5/8 in	5/8 in	5/8 in
 Medium	14–18 in	3/4 in	3/4 in	3/4 in
 Large	18–22 in	3/4 in	3/4 in	3/4 in



Use lightweight polypropylene webbing, strong polyester thread, a side-release buckle, one tri-glide, and one welded D-ring in the matching width.



This slim collar is best for lighter dogs and everyday walking. It is not designed for tie-out use or very heavy pullers.

Tools + Materials

Gather everything before you begin

Cotton woven fabric



Lightweight fusible interfacing



Polypropylene webbing



Side-release buckle



Tri-glide slider



Welded D-ring



Strong polyester thread



MATERIALS CHECKLIST

- ☐ Cotton woven fabric
- ☐ Lightweight fusible interfacing
- ☐ Polypropylene webbing
- ☐ Side-release buckle
- ☐ 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 synthetic webbing ends
- ☐ Fabric marker



MACHINE SETTINGS

Suggested stitch length: 3.0 mm.
Use a size 90/14 needle or denim needle for layered stitching.



PRACTICAL TIP

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



Cut Chart

Cut fabric, interfacing, and webbing for one collar

	 Small (5/8 in finished width)	 Medium (3/4 in finished width)	 Large (3/4 in finished width)
 Long fabric strip	15.5 in x 1.75 in	19.5 in x 2 in	23.5 in x 2 in
 Short fabric strip	5.5 in x 1.75 in	6 in x 2 in	6.5 in x 2 in
 Long interfacing strip	15.5 in x 1.75 in	19.5 in x 2 in	23.5 in x 2 in
 Short interfacing strip	5.5 in x 1.75 in	6 in x 2 in	6.5 in x 2 in
 Long webbing strip	14.5 in x 5/8 in	18.5 in x 3/4 in	22.5 in x 3/4 in
 Short webbing strip	4.5 in x 5/8 in	5 in x 3/4 in	5.5 in x 3/4 in



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



Cut accurately and keep the long strip and short strip clearly separated.



Prepare the 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 by 1.5 in.



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



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



Correct Finished Result ♥

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



Tip:

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 that end back by 1.5 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.



TIP: 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



FINISHED ASSEMBLY SEQUENCE



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 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 (two folded, stitched areas)



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



Finishing tip:

Press the fabric lightly, trim threads, and wipe the hardware so the collar looks ready to sell.

Final Fit + Selling Checklist

Confirm the size range and prepare the collar for resale



FINISHED SIZE SUMMARY



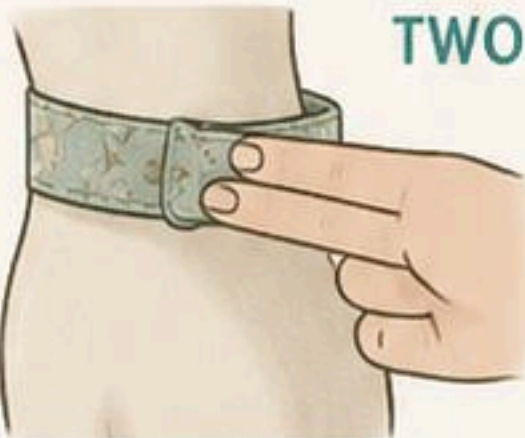
Small: fits 10–14 in neck,
finished width **5/8 in**



Medium: fits 14–18 in neck,
finished width **3/4 in**



Large: fits 18–22 in neck,
finished width **3/4 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 slider 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 lightweight adjustable collar is
finished and ready
to photograph, package, and sell.