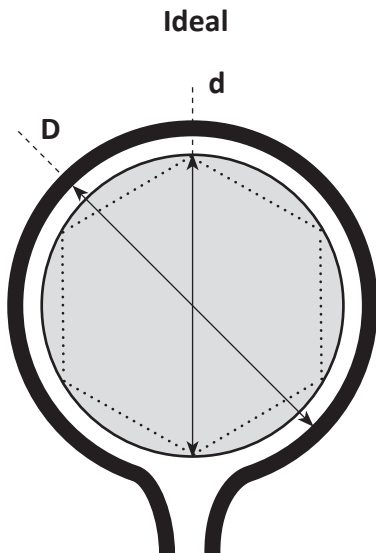


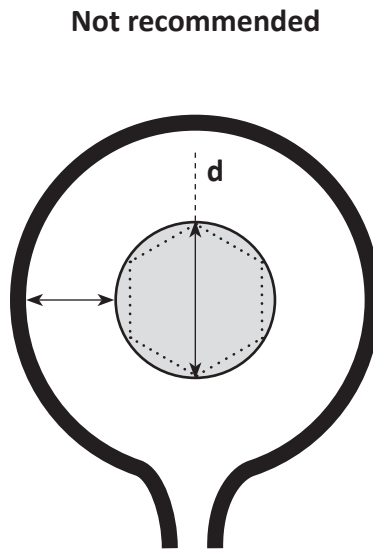
Inductance-loop usage guidelines



$$D > 60 = D - 5 \text{ mm} < d < (0,8 \times D)$$

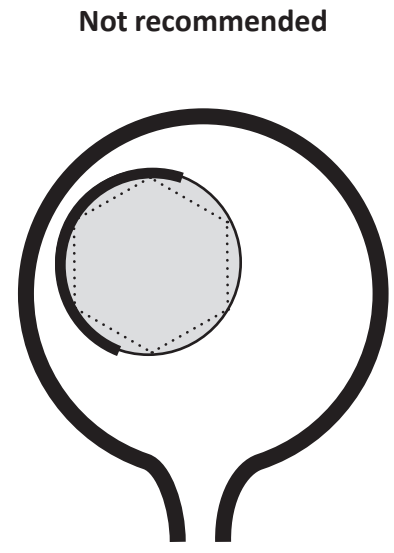
$$D < 60 = D - 2 \text{ mm} < d < (0,8 \times D)$$

A gap must be left between the loop and the heated part in order to limit the risk of heating the surface treatment or trapping the part in the loop when the part expands.



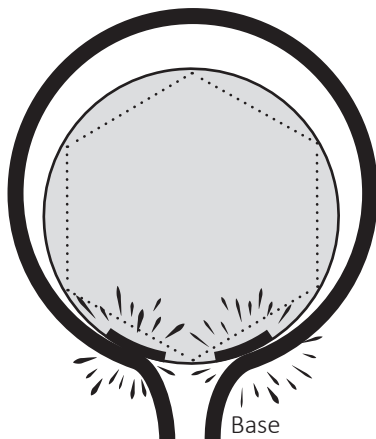
$$d < (0,8 \times D)$$

If the inductance loop's diameter is too small, the attachment's heating capacity will be less efficient. This item is not able to transmit power to component parts.



If the part being heated is not centred in the loop, the heating will not be even. The side of the component part closest to the inductor will heat up more.

Not recommended



Risk of sparks, splatter and/or damage if the part touches the inductance loop's base.

Do not heat when empty, without a workpiece to heat.

See next page to limit deterioration.

Not recommended



Recommended use for optimised heating

	Ø of the inductance loop (D) in mm	Ø of the part (d) in mm
D < 60 mm	20	18 < d < 16
	25	23 < d < 20
	30	28 < d < 24
	35	33 < d < 28
	40	38 < d < 32
	45	43 < d < 36
	50	48 < d < 40
	55	53 < d < 44

	Ø of the inductance loop (D) in mm	Ø of the part (d) in mm
D > 60 mm	60	55 < d < 48
	70	65 < d < 56
	80	75 < d < 64
	90	85 < d < 72
	100	95 < d < 80
	110	105 < d < 88
	120	115 < d < 96

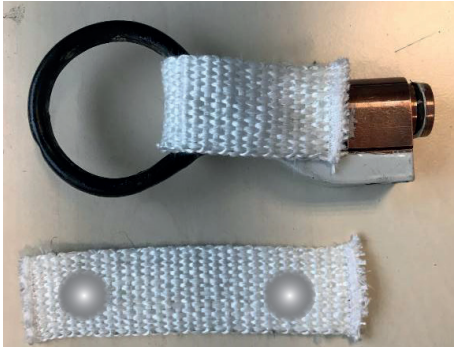
Limit the risk of damage when used manually

► To limit the risk of short-circuiting the loop, it is possible to add a protective glass cloth.

Use :

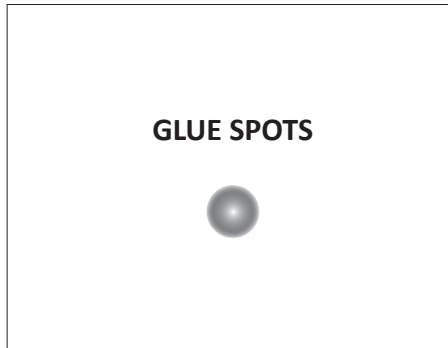
- Put dots of glue on the canvas and position it as shown in the photos.
- Use a collar to hold the fabric while the glue sets.
- Wait 24 hours.

Materials needed:



▲ Laying for large S loops

▲ Laying for small S loops



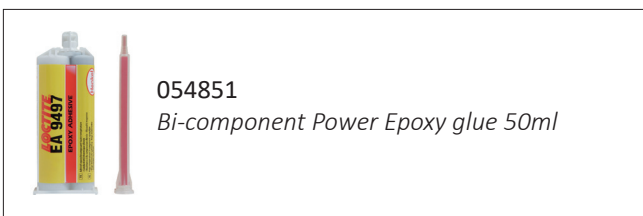
▲ Laying for small L loops

▲ Laying for large L loops



► Another way to protect a loop is to increase the thickness of the protective epoxy resin.

Materials needed:



Use :

- Clean the loop
- Scrub with a scotch-brite
- Remove the glue
- Wait 24 hours.

