



Embroidery with **METY**

The elasticity of metallic yarn is unavoidably less than one of rayon or cotton machine yarn. Therefore, metallic yarn is demanding much more from the operator than any other yarn. Unfortunately, there is no general recipe for the appropriate adjustment of your embroidery machine. Too many various type of machines are running and even models of the same type are varying from one year of construction to the other.

In general, the following applies, however new automates are by far not as touchy as older models. The machine factories have achieved improvements in co-operation with us which are especially favourable in connection with embroidery material such as metallic yarn, **GLITTER**, **FILAINE 12** (yarn with wool effect) and **COTTY 12** (strong, needle-work type yarn).

This is why you should use your latest machine model when embroidering with metallic yarn!

In this case, please note the following:

1. The thread guide from the yarn spool to the needle plate hole, as well as the bobbin capsule, the underthread bobbin and the gripper must be in perfect condition. All sharp edges must be polished or the parts exchanged!
2. The thread tension should generally be slack for any yarn. Using metallic yarn, however, a slack thread tension is compulsory. The tension of the underthread is perfect if the bobbin capsule is just bearing its own weight.

In this position, the bobbin capsule must yield by a soft pressure. Otherwise the tension is too strong.

The upper thread must be adjusted to the underthread accordingly (the upper thread may not hoist the underthread).

Since especially metallic yarns are enriching your collection, you should not give up if you do not succeed at first try. A mechanic who has experience in handling embroidery machines can adjust any machine in such a manner that the metallic yarns recommended by us are working in a perfect way.

Our recommendations:

Yarn	Needle size	Needletype
METY 7/2	75/11	ORGAN Needles
METY 5/2	75/11	

The right underthread: **BOBBY SYN 120/130**