

# SEWING MACHINE MANUFACTURERS NEEDLE LIST.

## DESCRIPTION OF A NEEDLE DESCRIPCION DE UNA AGUJA



shank  
talon  
talon  
Kolben

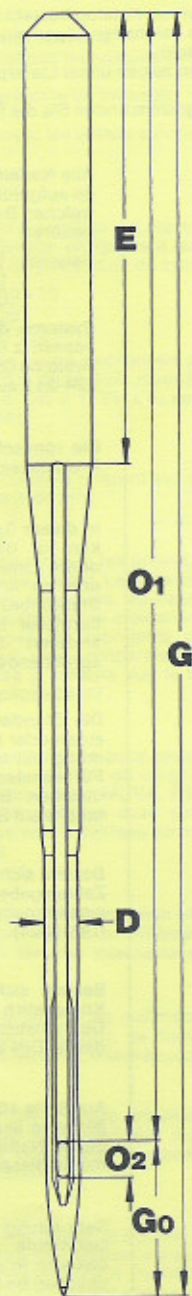
shoulder  
cono  
cône  
Ansatz

reinforced blade  
caña reforzada  
tige réinforcée  
verstärkter Schaft

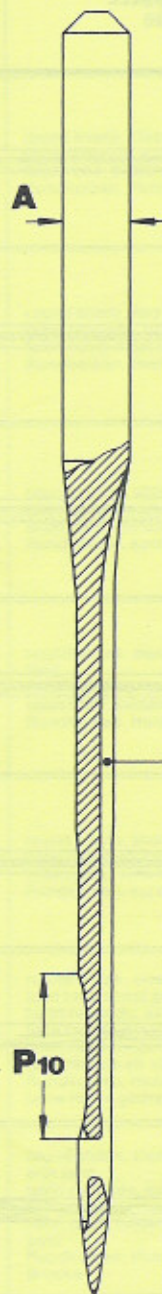
blade  
caña  
tige  
Schaft

eye  
ojo  
chas  
Ohr

point  
punta  
pointe  
Spitze



## DESCRIPTION D'UNE AIGUILLE BESCHREIBUNG EINER NADEL



groove  
ranura  
rainure  
Rinne

clearance above eye  
excavación  
évidement  
Hohlkehle