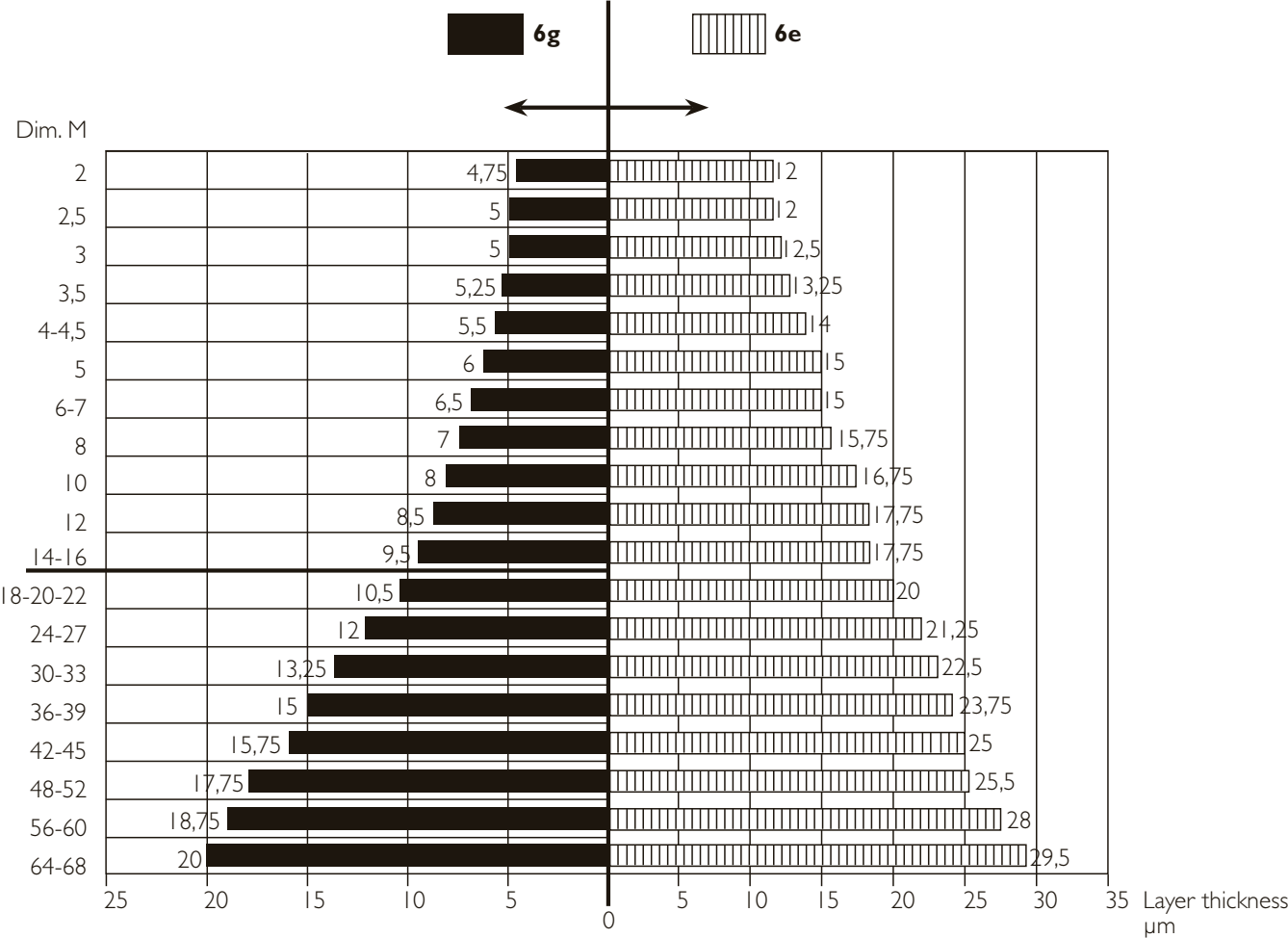


Surface treatment layers and thread tolerances

The automotive and electronic industry often demands a thicker surface treatment layer on small dimensions. That makes it important to choose the right thread tolerance at manufacturing to be able to add the desired surface treatment layer according to specification. Mattssons controls its purchases towards 6e thread to be able to surface with the right layer thickness. Below follow examples of possible layer thicknesses on a M10 screw.

Tolerance 6e gives space for 16,75 μm
Tolerance 6g gives space for 8 μm
Tolerance 6h gives space for 0 μm

Table 166 Layer thickness for various dimensions



Source: Dörken. Metric standard threads according to DIN 13 thread tolerance 6g and 6e.

Table 226 Tolerance fields of screw and nut threads

