

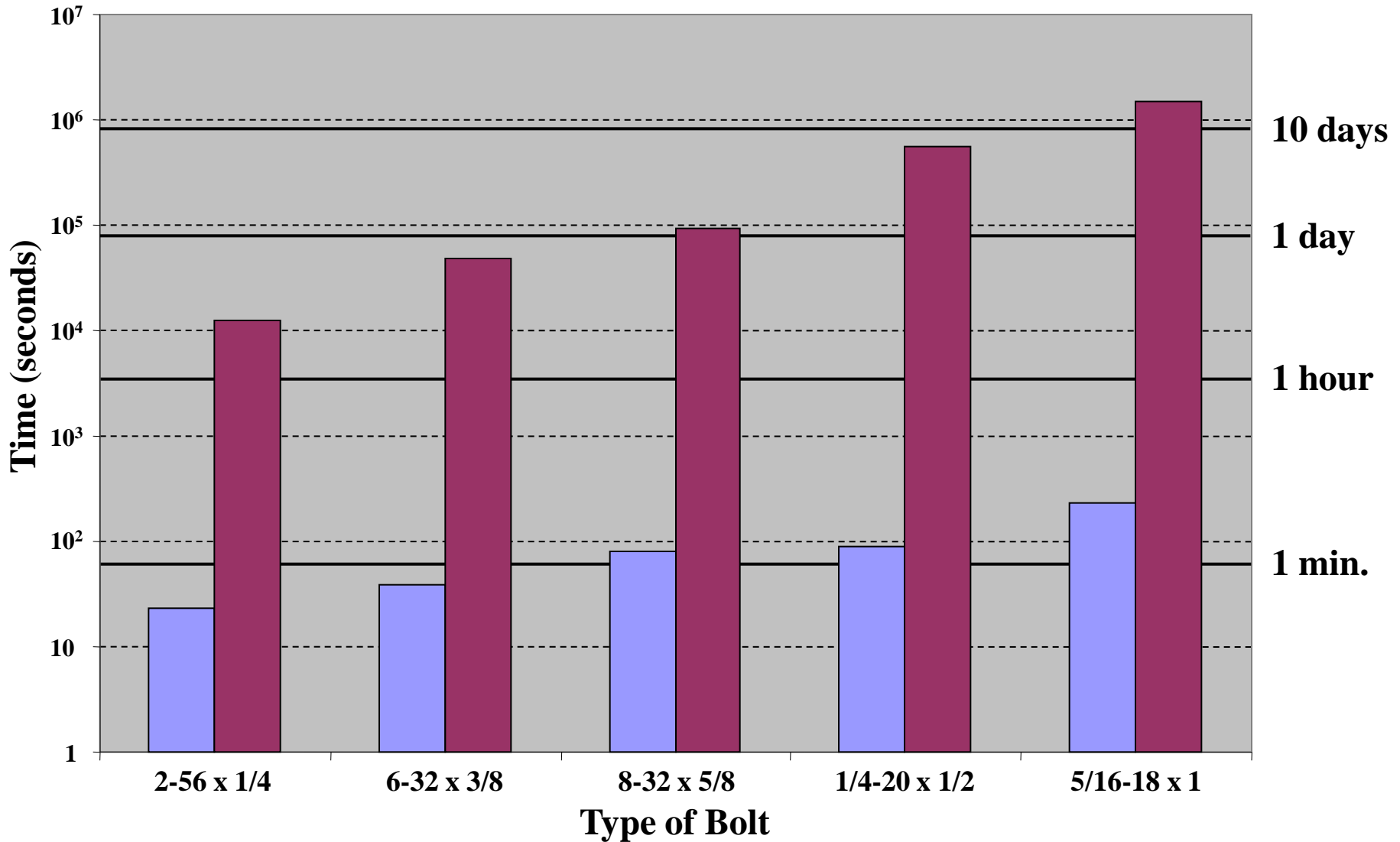
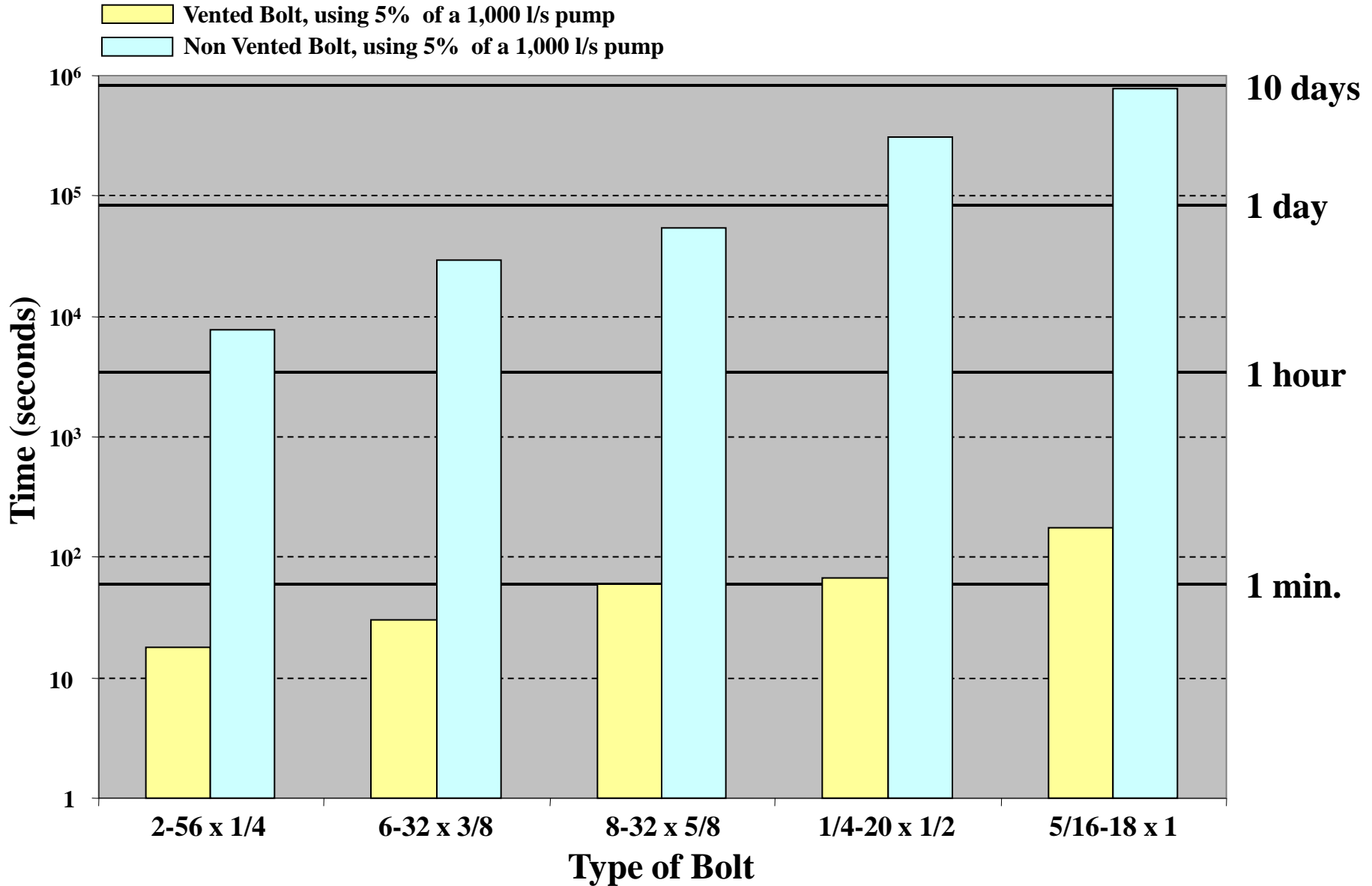


# PUMPDOWNTIME TO $1 \times 10^{-9}$ TORR (50 Bolts in Chamber)

 Vented Bolt, using 5% of a 10 l/s pump  
 Non Vented Bolt, using 5% of a 10 l/s pump

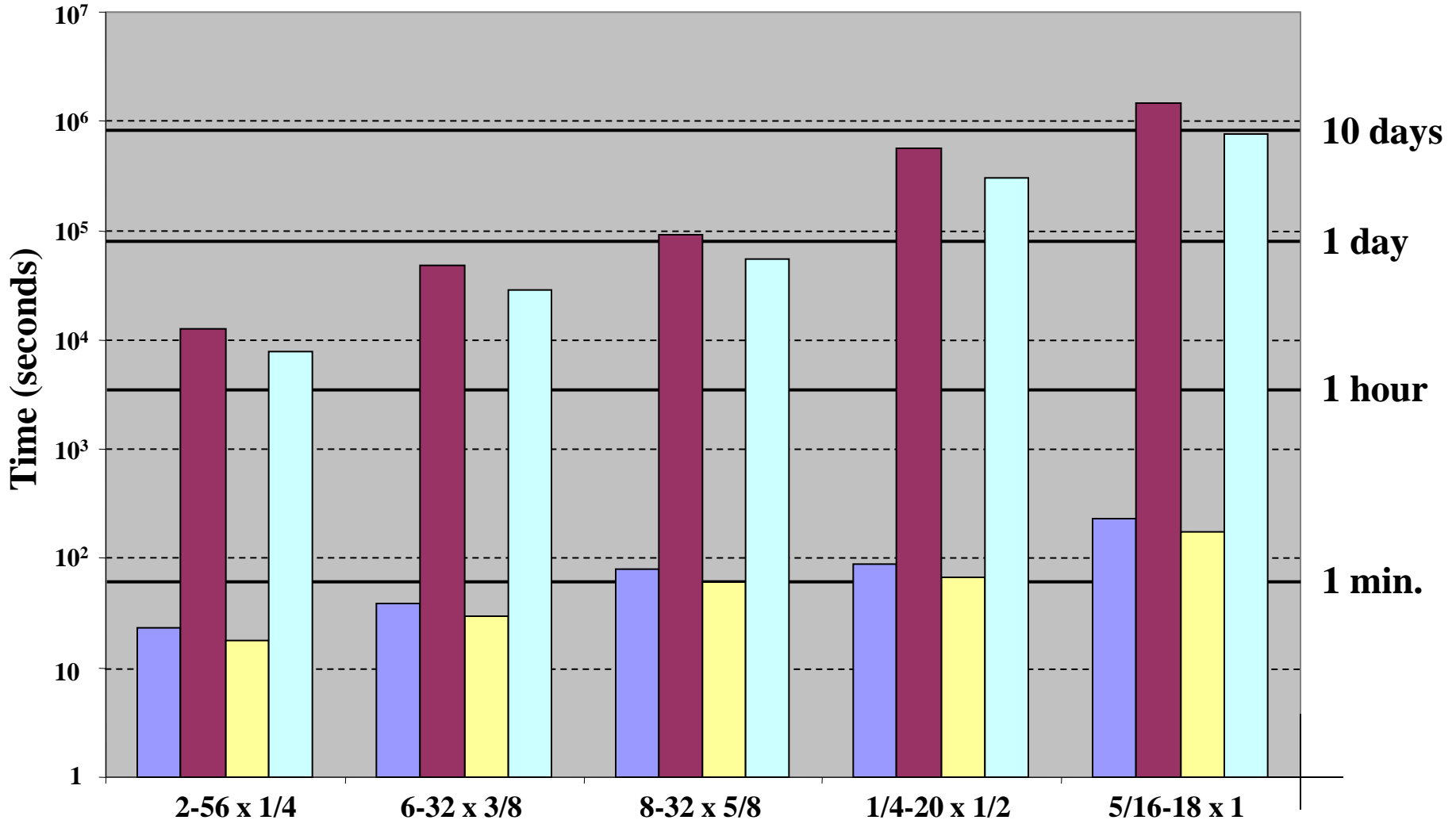


# PUMPDOWNTIME TO $1 \times 10^{-9}$ TORR (50 Bolts in Chamber)



# PUMPDOWN TIME TO 1 X 10<sup>-9</sup> TORR (50 Screws/Bolts in Chamber)

- Vented Bolt, using 5% of a 10 l/s pump
- Vented Bolt, using 5% of a 1,000 l/s pump
- Non Vented Bolt, using 5% of a 10 l/s pump
- Non Vented Bolt, using 5% of a 1,000 l/s pump



**Screw/Bolt Size**