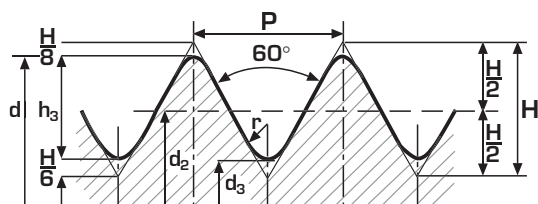


GEWINDEARTEN UND -GRÖSSEN

THREAD TYPES AND SIZES

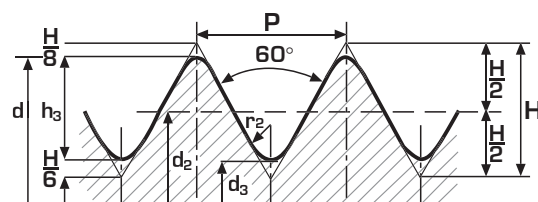


METRISCH / METRIC ISO



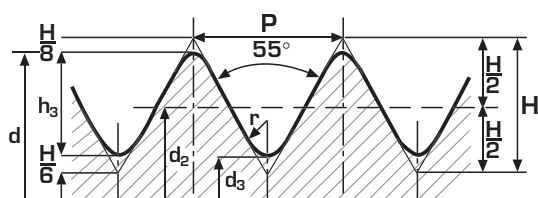
$$\begin{aligned} H &= 0,86603 \cdot P \\ h_3 &= 0,61343 \cdot P \\ d_2 &= d - (0,6495 \cdot P) \end{aligned} \quad \begin{aligned} d_3 &= d - (2 \cdot h_3) \\ r &= \frac{H}{6} = 0,14434 \cdot P \end{aligned}$$

UNF-UNC



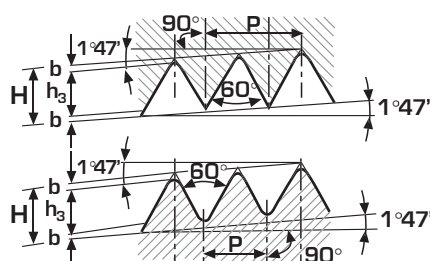
$$\begin{aligned} H &= 0,86603 \cdot P \\ h_3 &= 0,61343 \cdot P \\ d_2 &= d - (0,6495 \cdot P) \end{aligned} \quad \begin{aligned} d_3 &= d - (2 \cdot h_3) \\ r_1 &= 0,10825 \cdot P \\ r_2 &= 0,1443 \cdot P \end{aligned}$$

WITHWORTH BSW, BSF, BSPP



$$\begin{aligned} H &= 0,96049 \cdot P \\ h_3 &= 0,64033 \cdot P \\ d_2 &= d - h_3 \end{aligned} \quad \begin{aligned} d_3 &= d - (2 \cdot h_3) \\ r &= 0,13733 \cdot P \end{aligned}$$

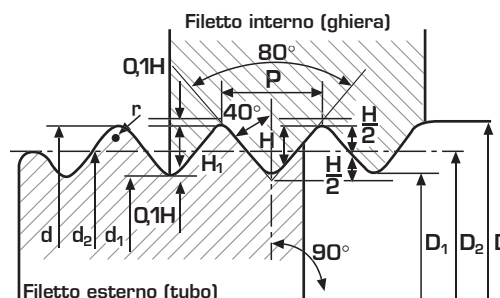
GAS KONISCH / CONICAL, NPT



$$\begin{aligned} H &= 0,866025 \cdot P \\ h_3 &= 0,8000 \cdot P \\ b &= 0,033 \cdot P \end{aligned}$$

STAHL PANZERROHRGEWINDE

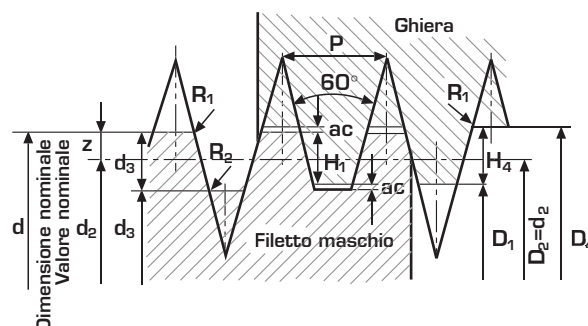
STEEL CONDUIT THREAD DIN 40 430



$$\begin{aligned} P &= \frac{25,4}{z} \\ r &= 0,107 \cdot P \\ H &= 0,595878 \cdot P \\ H_1 &= 0,8 H = 0,4767 \cdot P \end{aligned}$$

TRAPEZGEWINDE

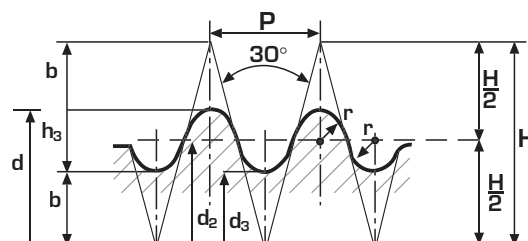
TRAPEZOIDAL THREAD ISO DIN 103



$$\begin{aligned} D_1 &= d - 2 H_1 = d - P \\ H_1 &= 0,5 \cdot P \\ H_4 &= H_1 + ac = 0,5 \cdot P + ac \\ h_3 &= H_1 + ac = 0,5 \cdot P + ac \\ z &= \frac{0,25 P = H_1}{2} \end{aligned} \quad \begin{aligned} D_4 &= d + 2 ac \\ d_3 &= d - 2 h_3 \\ d_2 &= D_2 = d - 2 z = d - 0,5 \cdot P \\ ac &= \text{Jeu/Gioco} \\ R_1 &= \text{max. } 0,5 ac \\ R_2 &= \text{max. } ac \end{aligned}$$

RUNDGEWINDE

KNUCKLE THREAD DIN 405



$$\begin{aligned} H &= 1,86603 \cdot P \\ h_3 &= 0,5 \cdot P \\ d_2 &= d - h_3 \end{aligned} \quad \begin{aligned} d_3 &= d - (2 \cdot h_3) \\ r &= 0,23851 \cdot P \\ b &= 0,68301 \cdot P \end{aligned}$$