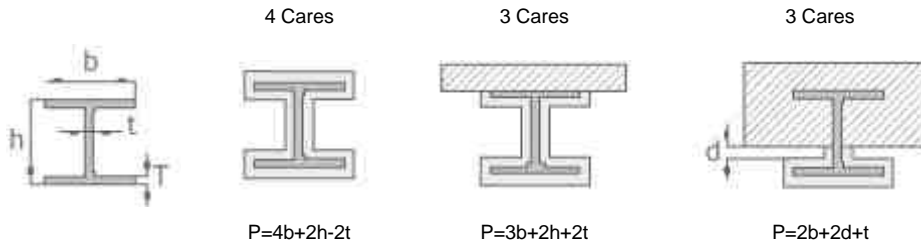




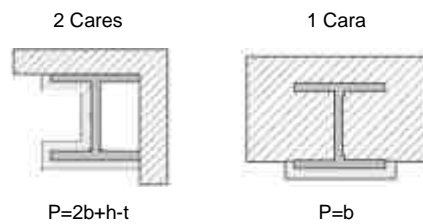
MASSIVITAT DELS PERFILS METÀL·LICS

PERÍMETRE DEL PERFIL PER A MUNTATGE DE PROTECCIÓ "CONTORNEJAT"

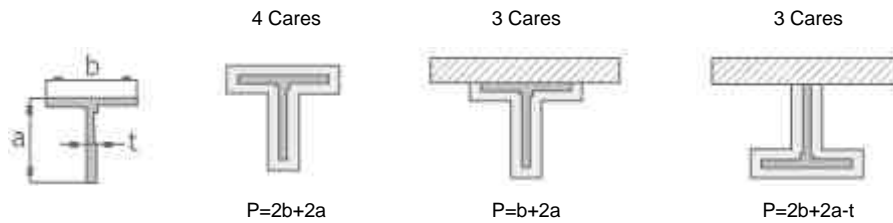
PERFILS EN "I" O "H"



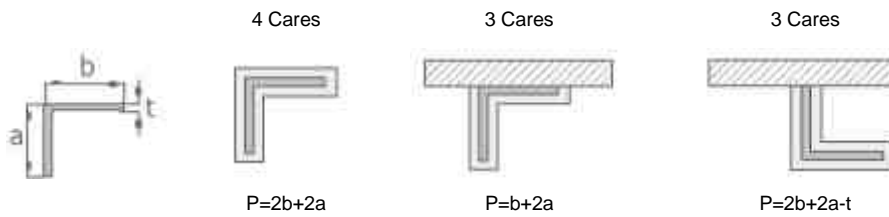
PERFILS EN "I" O "H"



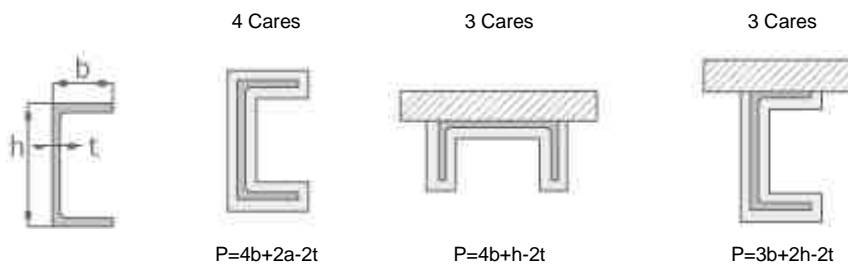
PERFILS EN "T"



PERFILS EN "L"



PERFILS EN "U"

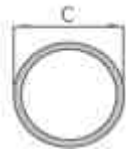


TUBS RECTANGULARS



$P=2b+2a$

$P=b+2a$

TUBS CIRCULARS

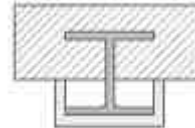
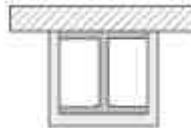
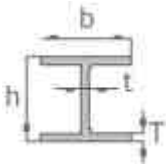
$P=\pi d$

PERÍMETRE DEL PERFIL PER A MUNTATGE DE PROTECCIÓ "CAIXEJAT"**PERFILS EN "I" O "H"**

4 Cares

3 Cares

3 Cares



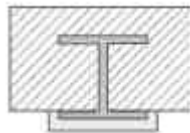
$P=2b+2h$

$P=b+2h$

$P=b+2d$

PERFILS EN "I" O "H"

1 Cara



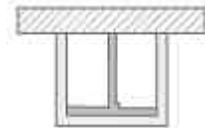
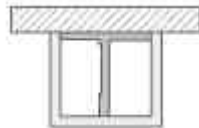
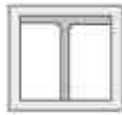
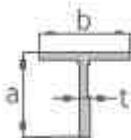
$P=b$

PERFILS EN "T"

4 Cares

3 Cares

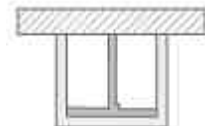
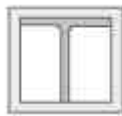
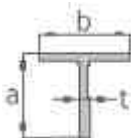
3 Cares

**PERFILS EN "L"**

4 Cares

3 Cares

3 Cares



$P=2b+2a$

$P=b+2a$

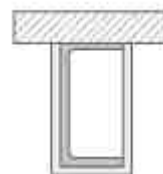
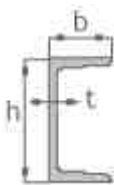
$P=b+2a$

PERFILS EN "U"

4 Cares

3 Cares

3 Cares

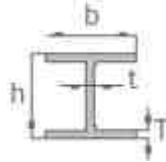
**TUBS CIRCULARS**



P=pid

EXEMPLE DE CÀLCUL DE LA "MASSIVITAT" O "FACTOR FORMA"

CÀLCUL DE MASSIVITAT PER UN PERFIL HEB 180



Dimensions: H=180mm, B=180mm, T=8,5mm

PROTECCIÓ "CONTORNEADA" A 4 CARAS



Càlcul Del Perímetre De La Selecció Del Perf: $P= 4xb+2xh-2xt=4x180+2x180-2x8,5=1.063\text{-mm}=1,063\text{-mil}$
Secció Perfil: $A=65,3\text{-cm}^2=0,00653\text{-m}^2$

Càlcul De La Massivitat : $\text{Massivitat}=1,063/0,00653=162,8\text{-m}^{-1}$

PROTECCIÓ "CONTORNEADO" A 2 CARES



Càlcul Del Perímetre De La Secció Del Perf: $P=2xb+h-t=2x180+180-8,5=531,5\text{-mm}=0,5315\text{-m}$

Secció Perfil: $A=65,3\text{-cm}^2=0,00653\text{-m}^2$

Càlcul De La Massivita: $\text{Massivita}=0,5315/0,00653=81,4\text{-m}^{-1}$