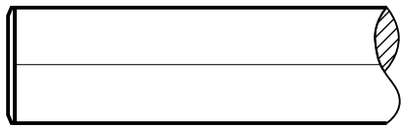
05.

CUT AND MACHINED PARTS / *Pezzi tagliati e lavorati a disegno*

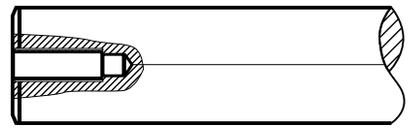
We offer cutting and machining service on our products.
Offriamo pezzi tagliati e lavorati a disegno sui nostri prodotti.

HERE ARE SOME EXAMPLES / *QUI ALCUNI ESEMPI*

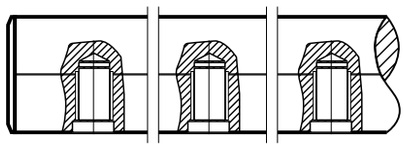
CUTTING AND DEBURRING / *Tagliato e sbavato*



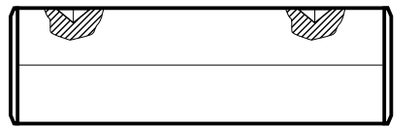
AXIAL DRILLING AND TAPPING / *Foratura e filettatura assiale*



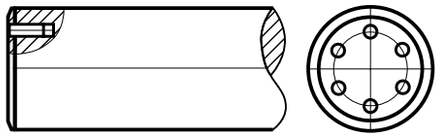
RADIAL DRILLING AND TAPPING / *Foratura e filettetura radiale*



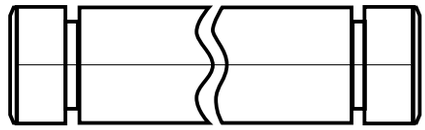
SCREW SEAT / *Sedi viti*



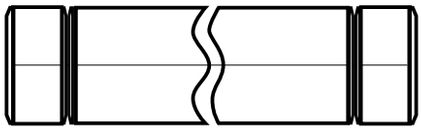
PITCH CIRCLE DRILLING AND TAPPING / *Foratura e filettatura su passo circolare*



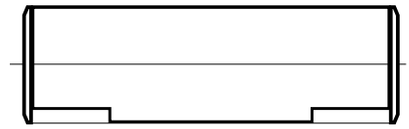
SNAP RING GROOVES / *Scanalature per anelli elastici*



CIRCUMFERENCE GROOVE / *Scanalature circolare*

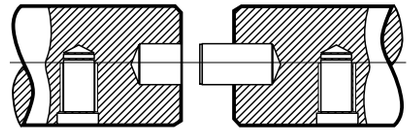


MILLED PLANES / *Piani fresati*

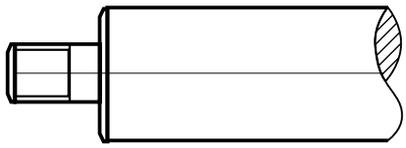


MILLED PLANES (FOR KEY) / *Fresature piane (sede chiave)*

SHAFT COUPLING / *Alberti giuntati*



THREADED REDUCED DIAMETERS / *Codoli filettati*



Our sales department, with the support of Engineering Department, will analyze your drawings and offer the best solution.
Il nostro dipartimento commerciale, con il supporto del dipartimento di ingegneria, analizzerà i vostri disegni e vi offrirà la miglior soluzione

Useful formulas

IT | FORMULE UTILI

CHROME PLATED BARS / *BARRE DI ACCIAIO*

METRIC SIZES *UNITÀ METRICHE*	**Calculation of weight (kg) per meter P = 246.93 x (Ø/200)²** | where Ø = diameter (mm) ***Calcolo del peso [kg] per metro lineare P = 246.93 x (Ø/200)²*** | *dove Ø = diametro (mm)*
IMPERIAL SIZES *UNITÀ IN POLLICI*	**Calculation of weight [lbs] per feet P = 2.67 x Ø²** | where Ø = diameter (inches) ***Calcolo del peso [lbs] per piede P = 2.67 x Ø²*** | *dove Ø = diametro (pollici)*

STEEL TUBES / *TUBI DI ACCIAIO*

METRIC SIZES *UNITÀ METRICHE*	**Calculation of weight (kg) per meter P = 246.93 x [(Øe/200)² - (Øi/200)²]** where Øe = outside diameter (mm) - Øi inside diameter (mm) ***Calcolo del peso [kg] per metro lineare P = 246.93 x [(Øe/200)² - (Øi/200)²]*** *dove Øe = diametro esterno (mm) - Øi = diametro interno (mm)*
IMPERIAL SIZES *UNITÀ IN POLLICI*	**Calculation of weight [lbs] per feet P = 10.68 x [(Øe - t) - t]** where Ø = outside diameter (inches) - t = wall thickness (inches) **Calcolo del peso [lbs] per piede P = 10.68 x [(Øe - t) - t]** *dove Øe = diametro esterno (pollici) - t = spessore (pollici)*

1 KG/M = 0.67205 LBS/FT 1 LBS/FT = 1.48809 KG/M

WALL THICKNESS REQUIRED FOR A CYLINDER TUBE SUBJECT TO INTERNAL HYDRAULIC PRESSURE / *SPESSORE DI PARETE RICHIESTO PER UN TUBO CILINDRICO SOGGETTO A PRESSIONE INTERNA*

METRIC SIZES

$$t = \frac{0.05 \; Øi \times P \times F}{Y}$$

where:

t = wall thickness (mm)

Øi = inside diameter (mm)

P = inside pressure (bar)

F = safety factor (≥ 2)

Y = yield point

UNITÀ METRICHE

$$t = \frac{0.05 \; Øi \times P \times F}{Y}$$

dove:

t = spessore (mm)

Øi = diametro interno (mm)

P = pressione interna (bar)

F = coefficiente di sicurezza (≥ 2)

Y = limite elastico (Mpa o N/mm²)

IMPERIAL SIZES

$$t = \frac{7.249 \; Øi \times P \times F}{Y}$$

where:

t = wall thickness (inches)

Øi = inside diameter (inches)

P = inside pressure (bar)

F = safety factor (≥ 2)

Y = yield point

UNITÀ IN POLLICI

$$t = \frac{7.249 \; Øi \times P \times F}{Y}$$

dove:

t = spessore (pollici)

Øi = diametro interno (pollici)

P = pressione interna (bar)

F = coefficiente di sicurezza (≥ 2)

Y = limite elastico (psi)