

Materials:

POM = Polyoxymethylene

Deviating from the standard design, other materials and quality classes are available on request.

Surface finishes:

Other surface finishes are available at additional cost, e.g. matte-finished or high-polish chromium-plated steel parts.

Other colors are also available on request for plastic coatings or molded plastic parts.

Threads:

Threads are manufactured to ISO DIN 13 medium tolerance class, i.e. 6H for nut threads and 6g for bolt threads. Male threads up to 60 mm are generally supplied fully threaded. Screw lengths \geq 60 mm are supplied with 60 mm long threads.

Threads of aluminum grips:

Threads cut into aluminum grips cannot be true to gauge size due to final surface finish treatment and the removal of material during related pre-treatment. The majority of these threads are molded in order to strengthen the material. As a result, the tear resistance of aluminum for a thread with M5x10 is higher than 2000 N.

Special versions:

KIPP Clamp and Tension Levers can also be supplied on request with pre-drilled inserts, locating holes, locating bolts for pinning and other DIN 6332 and DIN 78 thread ends (except for flat point).

You can rely on us as a competent partner for your daily clamping needs. We are always happy to advise you.

Thread Pitch Chart:

Note: All metric threads are supplied with coarse thread pitch unless otherwise specified.

Metric Coarse Thread:

M3 X 0.5
M4 X 0.7
M5 X 0.8
M6 X 1.0
M8 X 1.25
M10 X 1.5
M12 X 1.75
M14 X 2.00
M16 X 2.00
M18 X 2.50
M20 X 2.50
M22 X 2.50
M24 X 3.00

Metric Fine Thread:

M3 X 0.35
M4 X 0.50
M5 X 0.50
M6 X 0.75
M8 X 1.00
M10 X 1.25
M12 X 1.50
M14 X 1.50
M16 X 1.50
M18 X 1.5
M20 X 1.5
M22 X 1.5
M24 X 2.0

Conversion Chart:

10mm = .39"
12mm = .47"
15mm = .59"
20mm = .79"
25mm = .98"
30mm = 1.18"
25mm = 1.38"
40mm = 1.57"
45mm = 1.77"
50mm = 1.97"
55mm = 2.17"
60mm = 2.36"
70mm = 2.76"
80mm = 3.15"
90mm = 3.54"

Reference and Conversion Tables



Pressure		
From	To	Conversion
psi	Kilogram-force/cm ² (kgf/cm ²)	psi x 0.07031 = kgf/cm ²
Kilogram-force/cm ² (kgf/cm ²)	psi	kgf/cm ² x 14.22 = psi
psi	bar	psi x 0.07 = bar
bar	psi	bar x 14.29 = psi

Linear Measure		
From	To	Conversion
Inch (")	Millimeter (mm)	inch x 25.4 = mm
Millimeter (mm)	Inch (")	mm x 0.03937 = inch
Foot (')	Meter (m)	foot x 0.3048 = m
Meter (m)	Foot (')	m x 3.281 = foot
Yard	Meter (m)	yard x 0.9144 = m
Meter (m)	Yard	m x 1.0936 = yard
Miles (mi)	Kilometer (km)	mi x 1.609 = km
Kilometer (km)	Miles (mi)	km x 0.622 = mi

Forces		
From	To	Conversion
Pounds (lbs)	Newton (N)	lbs x 4.45 = N
Newton (N)	Pounds (lbs)	N x 0.225 = lbs
HP (horsepower)	Kilowatt (kW)	HP x 0.746 = kW
Kilowatt (kW)	HP (horsepower)	kW x 1.34 = HP

Weights		
From	To	Conversion
Pounds (lbs)	Kilogram-force/cm ² (kgf/cm ²)	lbs x 0.45 = kgf/cm ²
Kilogram-force/cm ² (kgf/cm ²)	Pounds (lbs)	kgf/cm ² x 2.2 = lbs
Ounces (oz)	Gram (g)	oz x 28 = g
Gram (g)	Ounces (oz)	g x 0.035 = oz
Pounds (lbs)	Kilogram (kg)	lbs x 0.4536 = kg
Kilogram (kg)	Pounds (lbs)	kg x 2.205 = lbs

Torque		
From	To	Conversion
Foot-pounds (ft-lbs)	Newton-Meter (Nm)	ft/lbs x 1.35 = Nm
Newton-Meter (Nm)	Foot-pounds (ft-lbs)	Nm x 0.74 = ft/lbs
Newton-Meter (Nm)	Kilogram-force/cm (kgf/cm)	Nm x 0.102 = kgf/cm