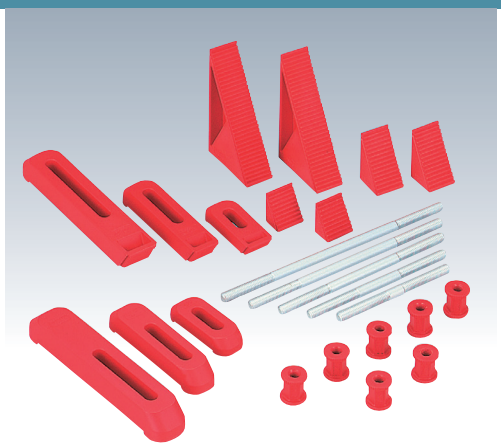

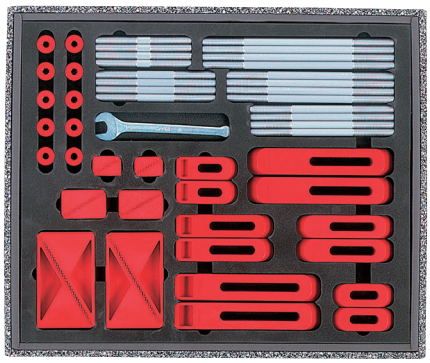

RoHS Compliant

ERON®

No.E-9472

Pla Clamping Kits

- World's first engineering plastic (PBT resin) clamping set.
- The material used offers excellent strength and rigidity, and has the highest level elasticity among engineering plastics.
- Lightweight at 1/10 of steel. Easy to carry and able to reduce set-up time.
- Does not rust, making it ideal for clamping in locations and for workpieces where rust is a problem, and allowing it to be used while constantly clean.
- Capable of soft clamping without scratching the workpiece. Useful for clamping of soft materials and finished products.
- Ideal for clamping the item to be measured such as with a coordinate measuring machine and will not damage tables or workpieces or cause injuries if dropped.
- Can also be used as a clamp for electrical discharge machines. Can be used with both synthetic and mineral machining liquids.
- Can also be used as a clamp for light work such as engraving.
- Employs aluminum (A5056) stud bolts for increased strength and rigidity. Rust resistant with alumite treatment.
- Innovative design that gives full consideration to functionality.

Content of Set

Step Blocks
28.8H, 45.3H, 94.8H
4 pieces of each
(Engineering plastic)

Step Clamps
63.5L, 101.6L, 152.4L
2 pieces of each
(Engineering plastic)

Plain clamp
63.5L, 101.6L, 152.4L
2 pieces of each
(Engineering plastic)

Stud Bolts
M8 × 100, 125, 150, 175, 200
4 pieces of each
(Aluminum A5056 with alumite surface treatment)

Double Flanged Nuts
10 pieces of M8
(Engineering plastic)

1993
Designated as Ministry of International Trade and Industry Good Design Product

Specifications

Order No.	No.	Matching Screw Diameter (Coarse Thread)	Weight (kg)	
929997	**PCS0008**	M8×1.25	1.7	

Characteristics of Plastic Used

Property	Specific Gravity	Water Absorption Ratio	Heat Distortion Temperature	Thermal Conductivity	Linear Expansion Coefficient	Fire Resistance
Units	-	%	℃	cal/(cm・s・℃)	1℃	UL 94 standard
Conditions	23℃	20℃ for 30 days	18.6kg/cm	-	−30℃ - +30℃	1.6 mm Bar
Data	1.41	0.35	208	4.0×10^{-4}	$3 - 8\times10^{-5}$	HB

Property	Tensile Strength Yield Point	Tensile Rupture Point	Bending Strength	Bending Elasticity	Izod Impact Strength	Insulation Breakdown Strength	Arc Resistance
Units	N/mm²	%	N/mm²	N/mm²	kJ/m²	kv/m	sec
Conditions	23℃	23℃	23℃	23℃	1/8" × 1/2" 23℃ bar with notch	D149	D495
Data	97	4 - 6	170	5200	650	Short time method 20 Step method 15	125

Usage Examples