



## ACCESSORIES



Safety Locking Tubes



Length Extenders



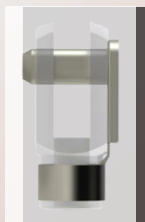
Thread Adapters

417 000



**Clevis Clip Retainer**

413 000



**Clevis Locking Pin**

416 000



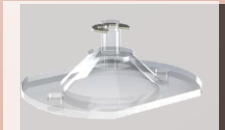
**Clevis Retainer Pin**

418 000



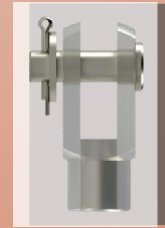
**Clevis Pin**

419 000



**E Retainer**

416 000



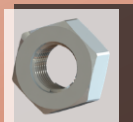
**Clevis Split Pin**

421 000



**Socket Locking Pin**

420 010



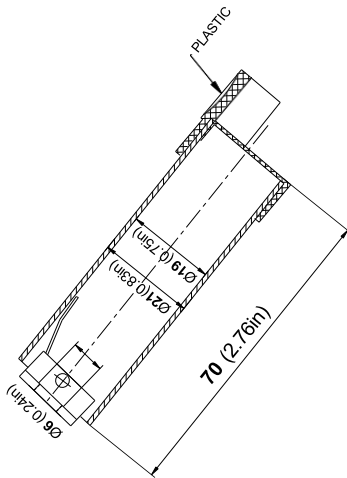
**Nuts**

420 000



**Ball Stud**

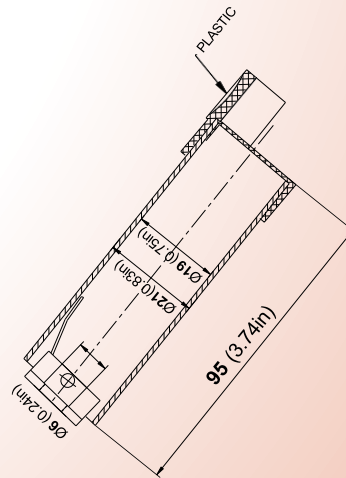
## Safety Locking Tubes



### 410 000 001

#### Safety Locking Tube

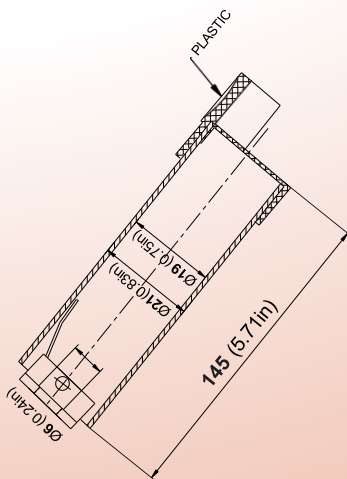
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 002

#### Safety Locking Tube

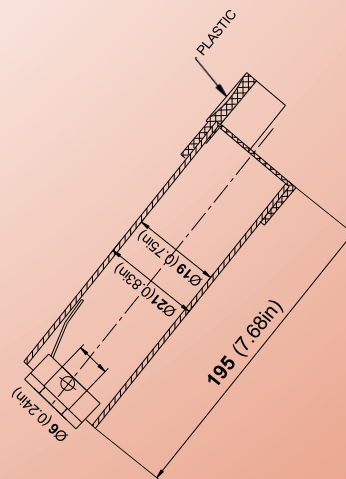
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 003

#### Safety Locking Tube

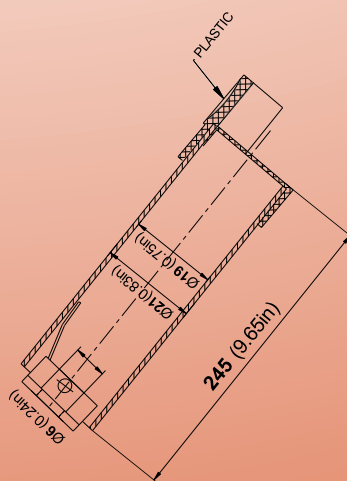
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 004

#### Safety Locking Tube

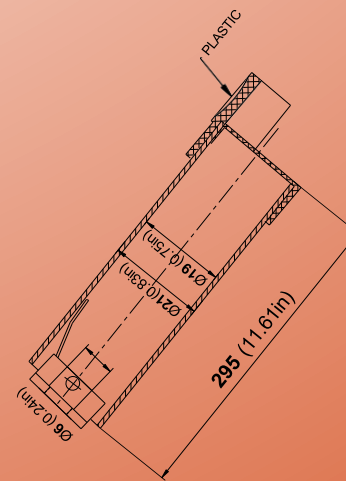
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 005

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium

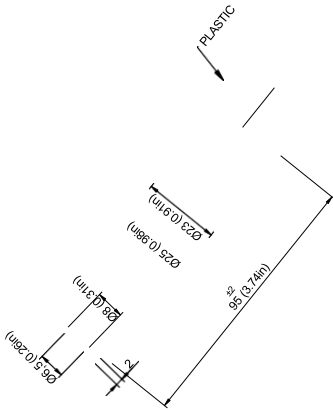


### 410 000 006

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium

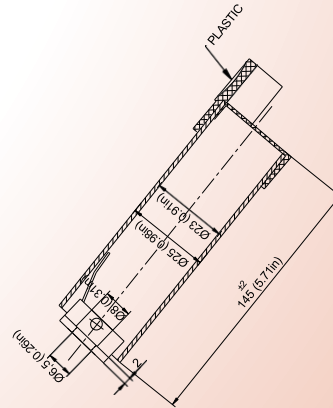
## Safety Locking Tubes



### 410 000 007

#### Safety Locking Tube

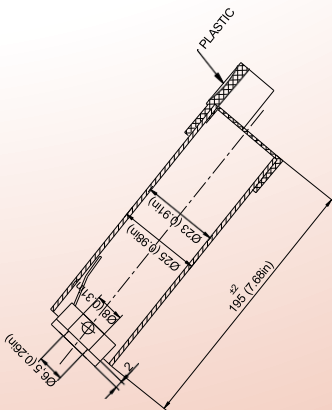
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 008

#### Safety Locking Tube

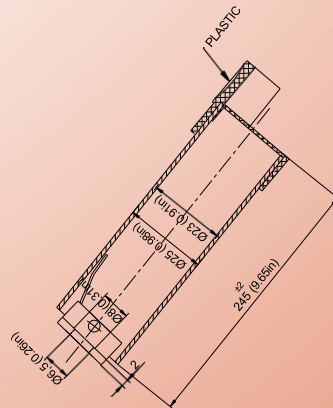
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 009

#### Safety Locking Tube

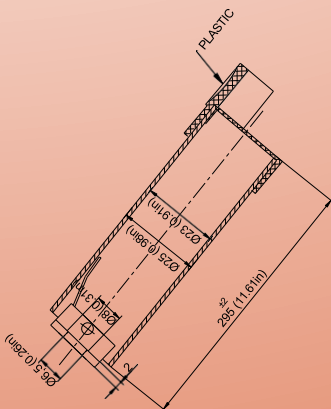
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 010

#### Safety Locking Tube

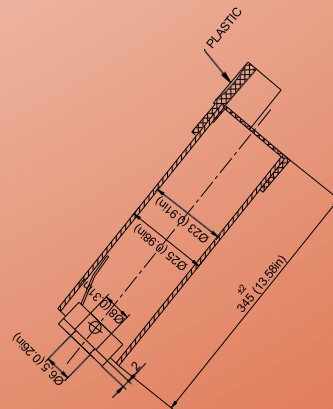
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 011

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium

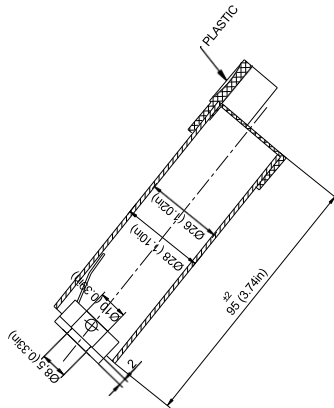


### 410 000 012

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium

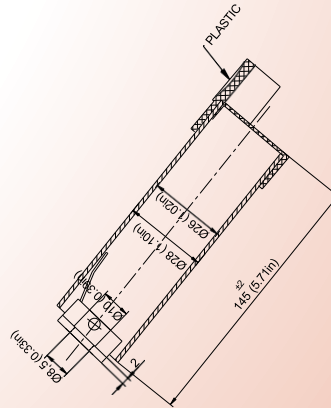
## Safety Locking Tubes



### 410 000 013

#### Safety Locking Tube

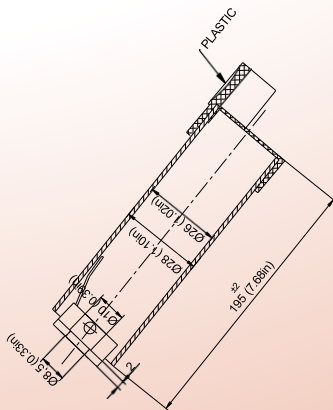
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 014

#### Safety Locking Tube

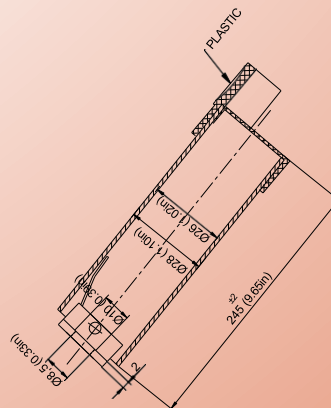
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 015

#### Safety Locking Tube

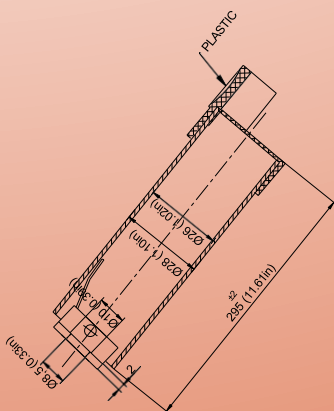
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 016

#### Safety Locking Tube

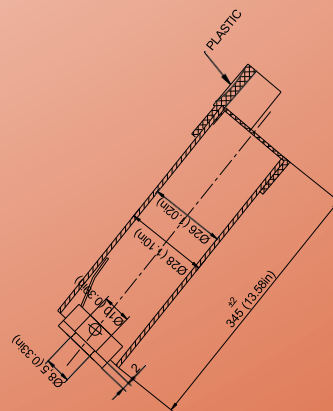
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



### 410 000 017

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



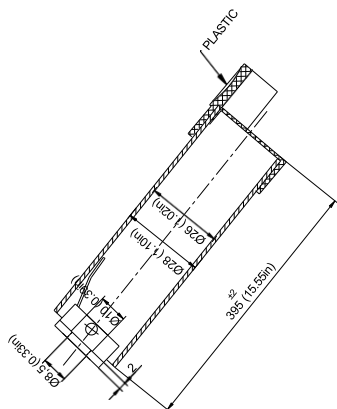
### 410 000 018

#### Safety Locking Tube

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



## Safety Locking Tubes



**410 000 019**

**Safety Locking Tube**

Material Information;

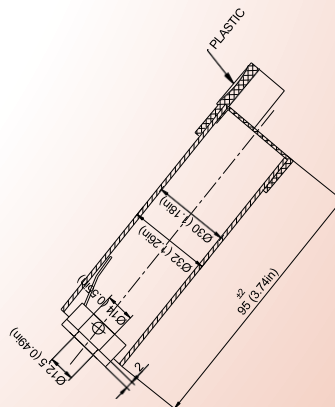
Steel

Surface Treatment;

Black Painted

General Tolerances;

DIN ISO 2768-medium



**410 000 020**

**Safety Locking Tube**

Material Information;

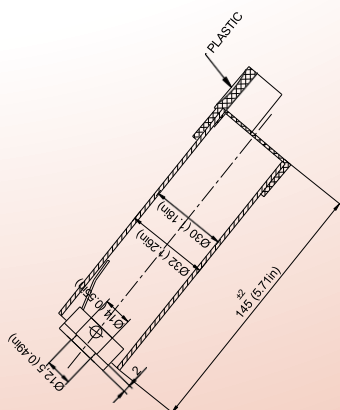
Steel

Surface Treatment;

Black Painted

General Tolerances;

DIN ISO 2768-medium



**410 000 021**

**Safety Locking Tube**

Material Information;

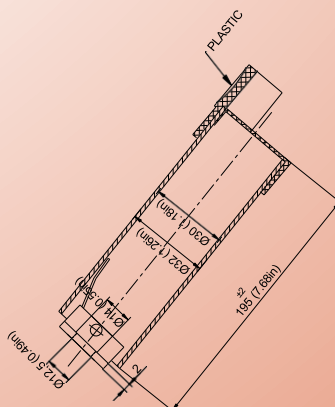
Steel

Surface Treatment;

Black Painted

General Tolerances;

DIN ISO 2768-medium



**410 000 022**

**Safety Locking Tube**

Material Information;

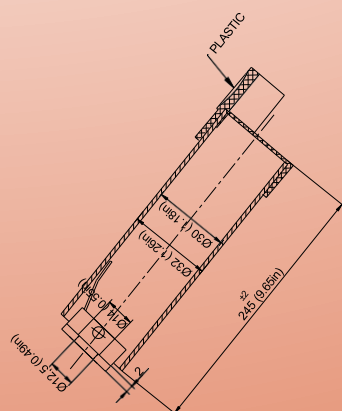
Steel

Surface Treatment;

Black Painted

General Tolerances;

DIN ISO 2768-medium



**410 000 023**

**Safety Locking Tube**

Material Information;

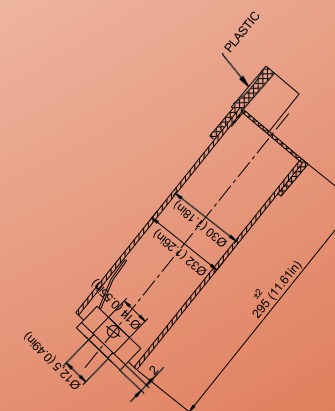
Steel

Surface Treatment;

Black Painted

General Tolerances;

DIN ISO 2768-medium



**410 000 024**

**Safety Locking Tube**

Material Information;

Steel

Surface Treatment;

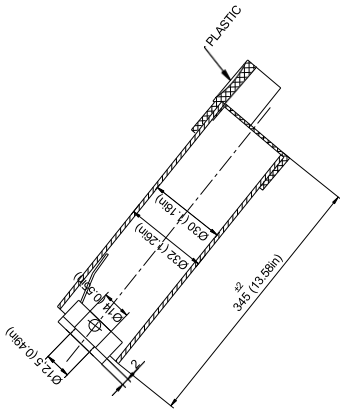
Black Painted

General Tolerances;

DIN ISO 2768-medium



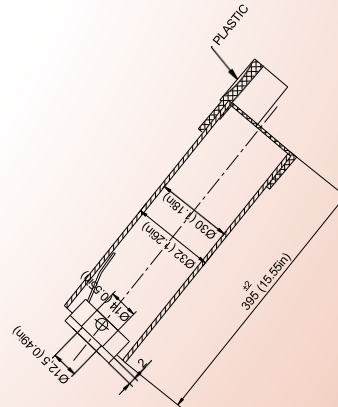
## Safety Locking Tubes



**410 000 025**

**Safety Locking Tube**

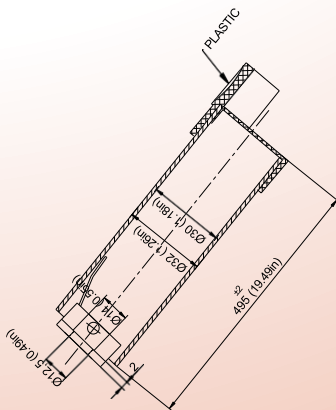
Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



**410 000 026**

**Safety Locking Tube**

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium



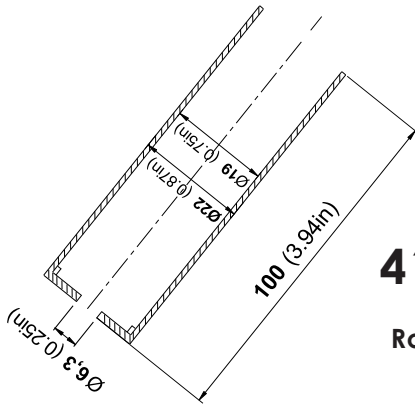
**410 000 027**

**Safety Locking Tube**

Material Information;  
Steel  
Surface Treatment;  
Black Painted  
General Tolerances;  
DIN ISO 2768-medium

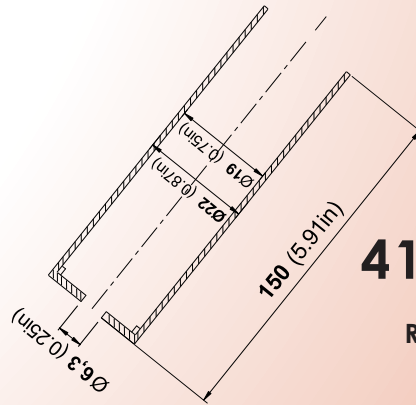


## Rod Protection Covers



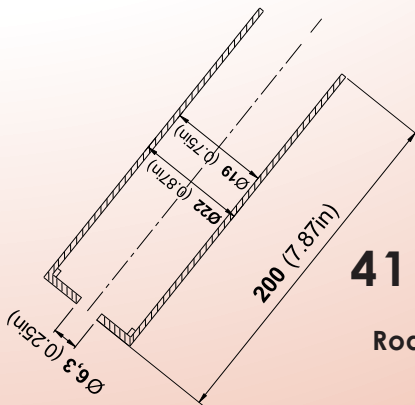
**411 000 001**

**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



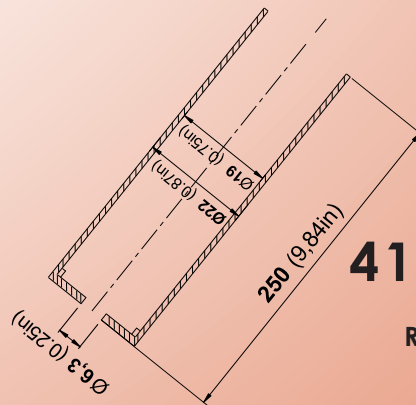
**411 000 002**

**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



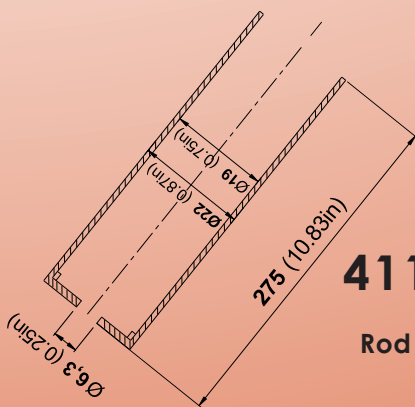
**411 000 003**

**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



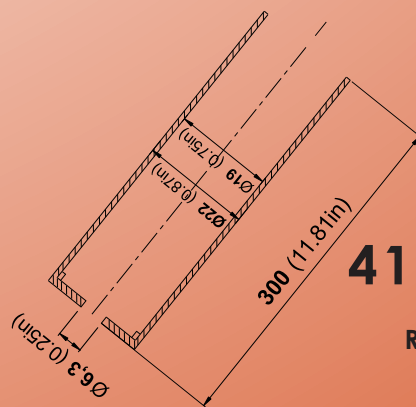
**411 000 004**

**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



**411 000 005**

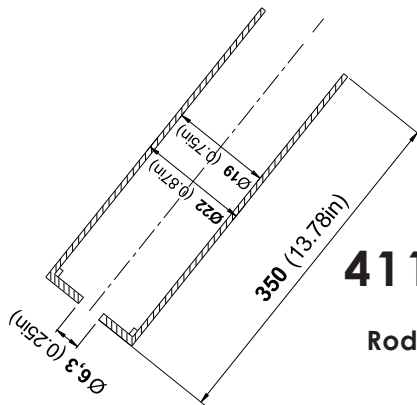
**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



**411 000 006**

**Rod Protection Cover**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium

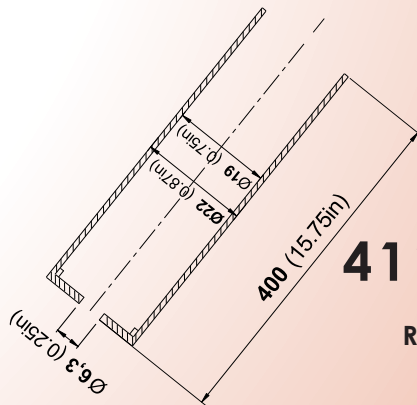
## Rod Protection Covers



**411 000 007**

### Rod Protection Cover

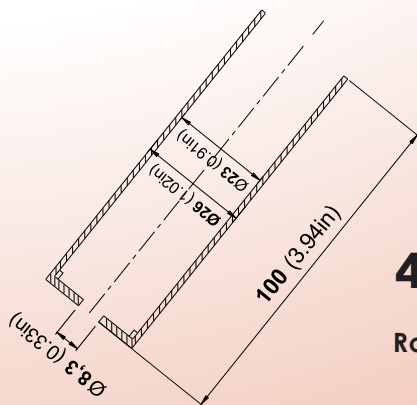
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



**411 000 008**

### Rod Protection Cover

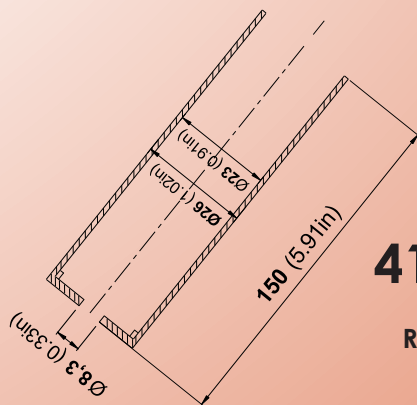
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



**411 000 009**

### Rod Protection Cover

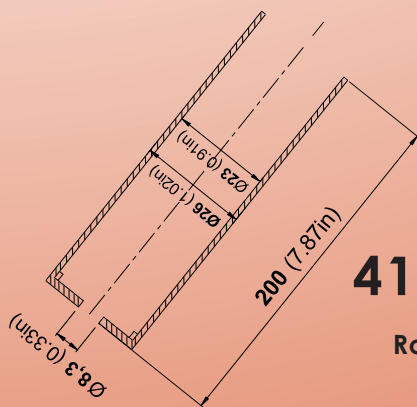
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 010**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 011**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium

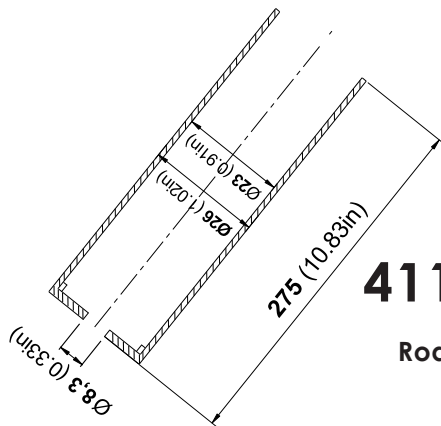


**411 000 012**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium

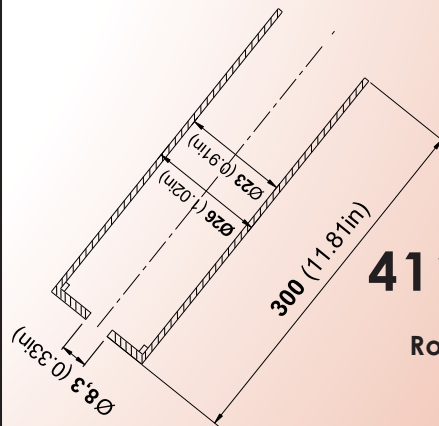
## Rod Protection Covers



**411 000 013**

### Rod Protection Cover

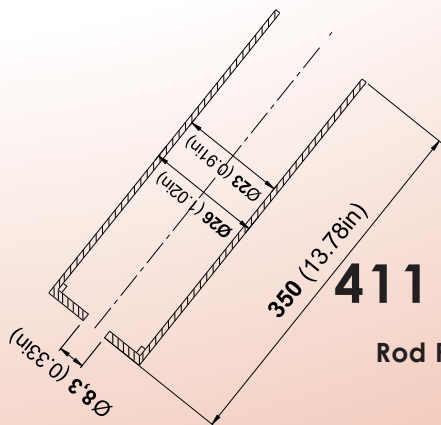
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 014**

### Rod Protection Cover

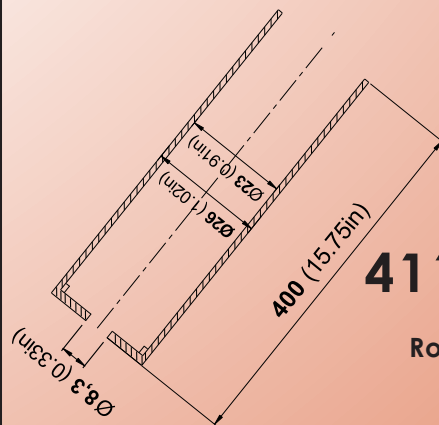
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 015**

### Rod Protection Cover

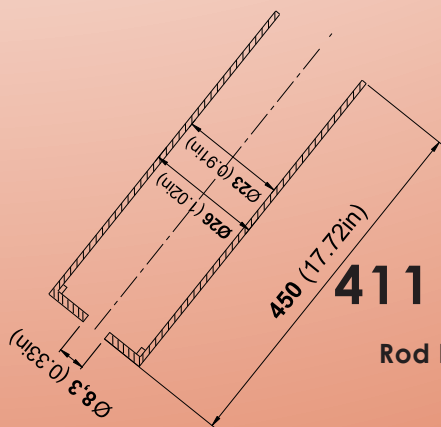
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



**411 000 016**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium

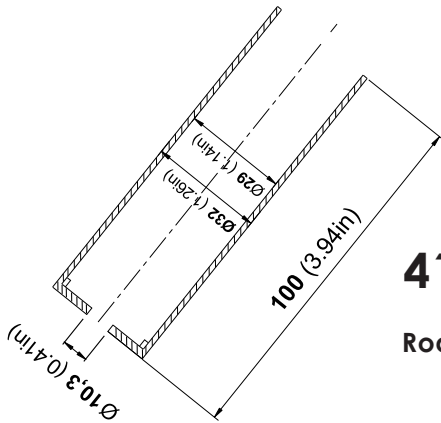


**411 000 017**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium

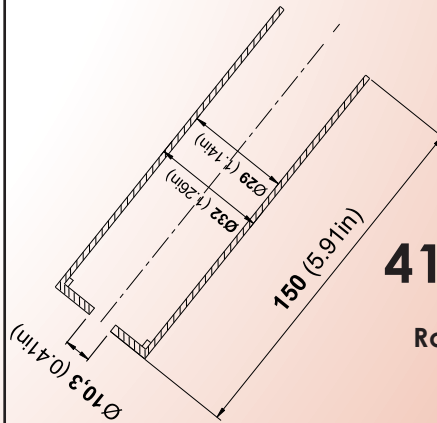
## Rod Protection Covers



**411 000 018**

### Rod Protection Cover

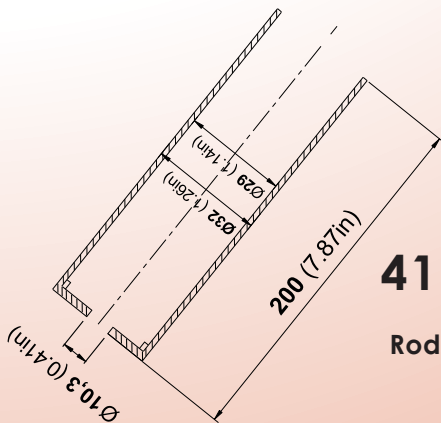
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 019**

### Rod Protection Cover

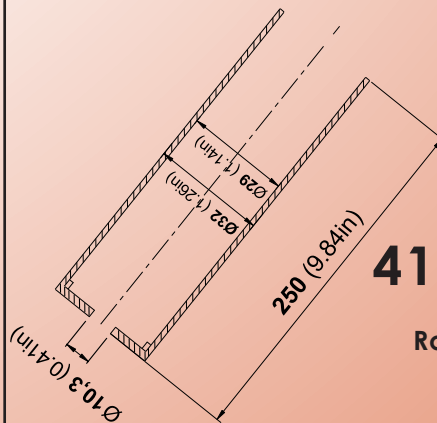
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 020**

### Rod Protection Cover

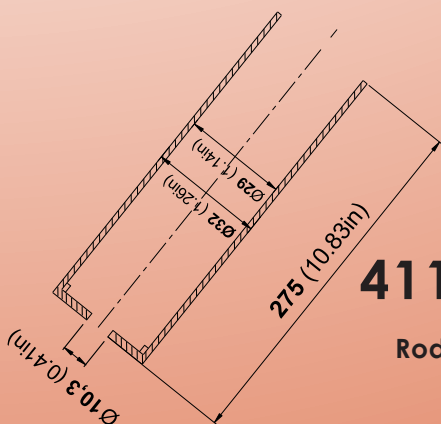
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 021**

### Rod Protection Cover

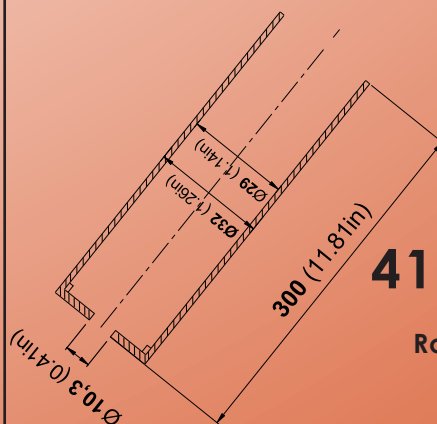
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**411 000 022**

### Rod Protection Cover

Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



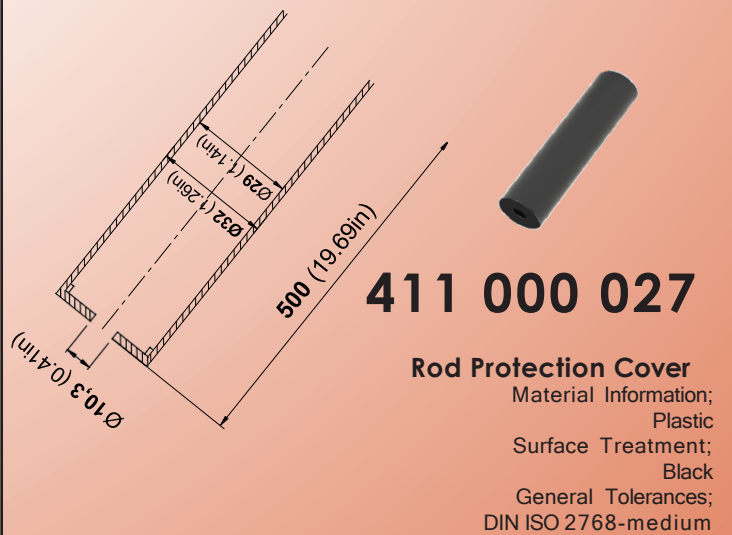
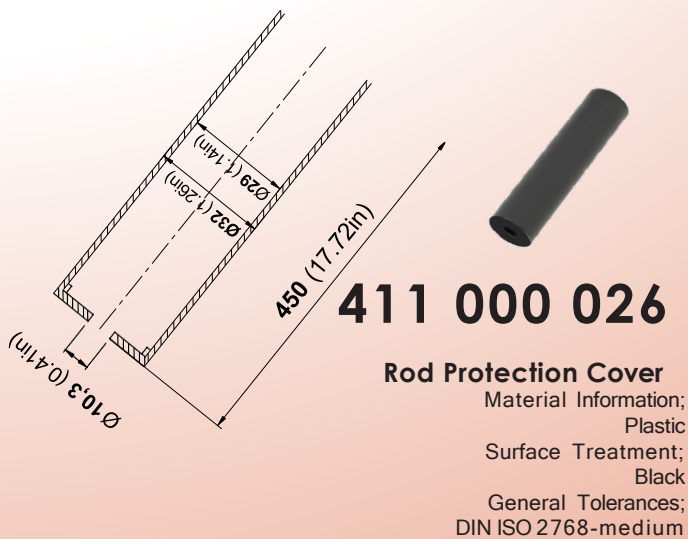
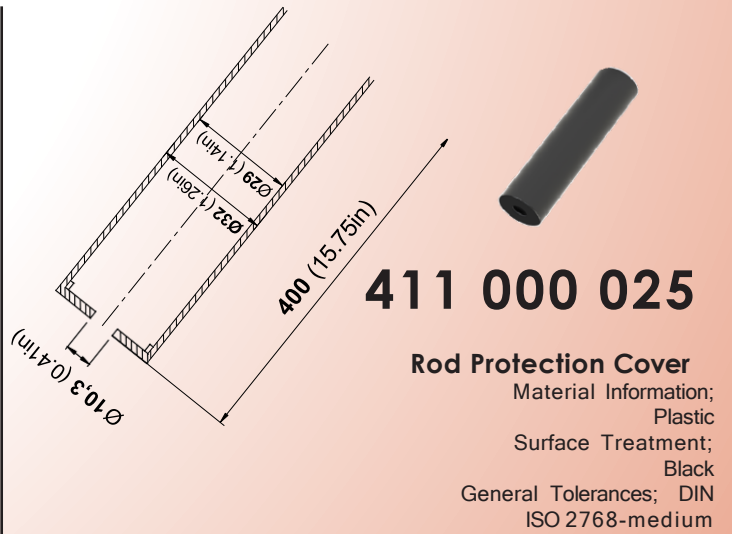
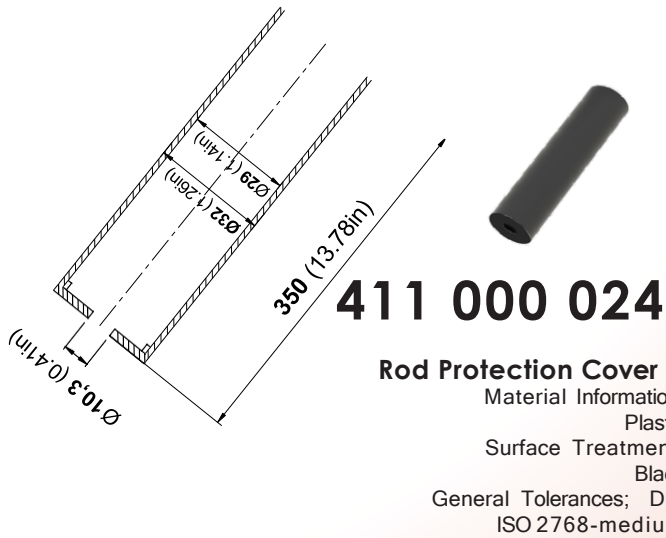
**411 000 023**

### Rod Protection Cover

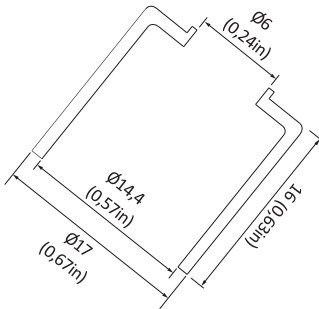
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances; DIN  
ISO 2768-medium



## Rod Protection Covers

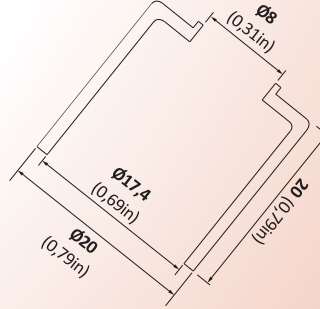


## Dust Protection Cups



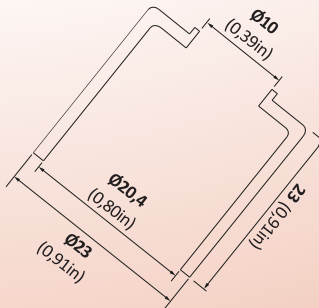
**415 000 001**

**Dust Protection Cup**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



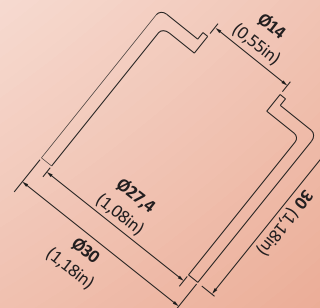
**415 000 002**

**Dust Protection Cup**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



**415 000 003**

**Dust Protection Cup**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium

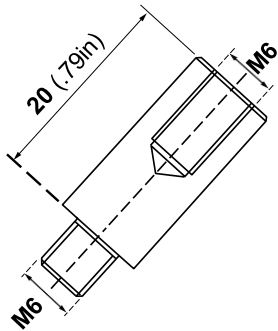


**415 000 004**

**Dust Protection Cup**  
Material Information;  
Plastic  
Surface Treatment;  
Black  
General Tolerances;  
DIN ISO 2768-medium



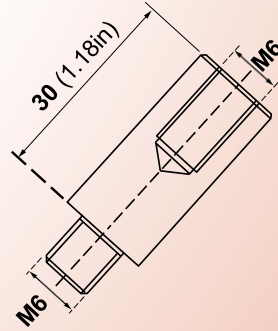
## Length Extender



**412 000 001**

### Length Extender

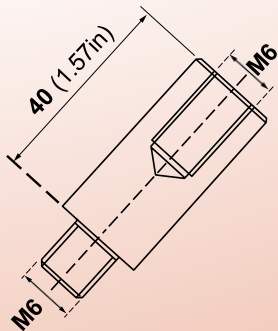
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 002**

### Length Extender

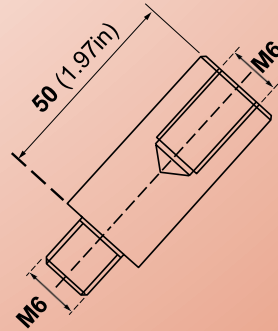
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 003**

### Length Extender

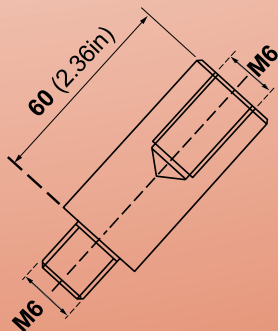
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 004**

### Length Extender

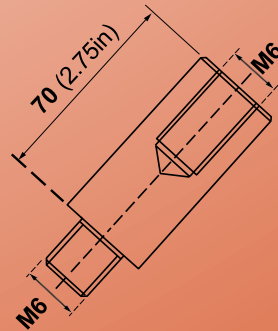
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 005**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

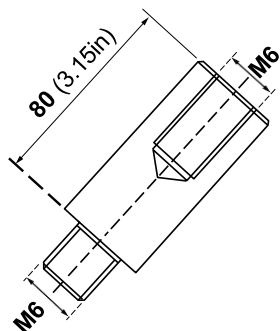


**412 000 006**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

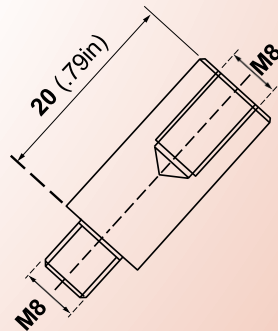
## Length Extender



**412 000 007**

### Length Extender

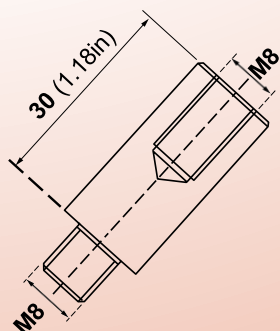
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 008**

### Length Extender

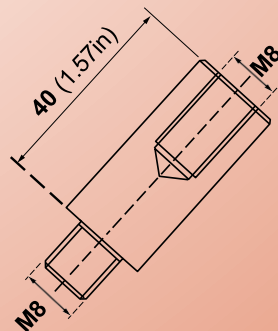
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 008**

### Length Extender

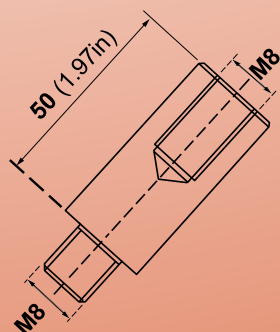
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 009**

### Length Extender

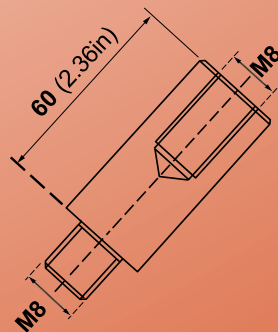
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 010**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

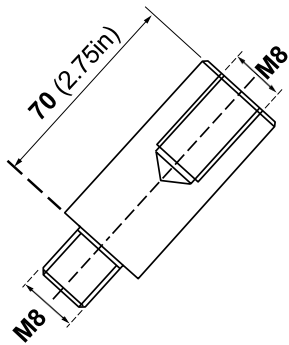


**412 000 011**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

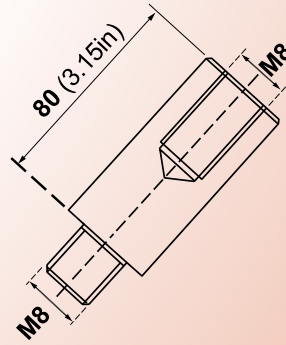
## Length Extender



**412 000 012**

### Length Extender

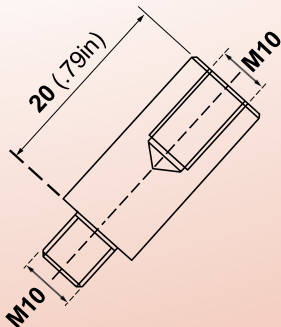
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 013**

### Length Extender

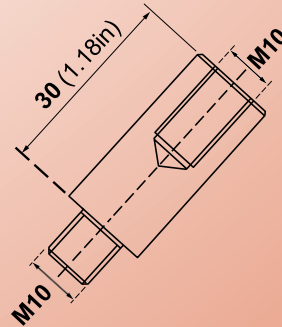
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 014**

### Length Extender

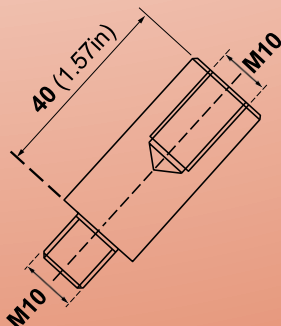
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 015**

### Length Extender

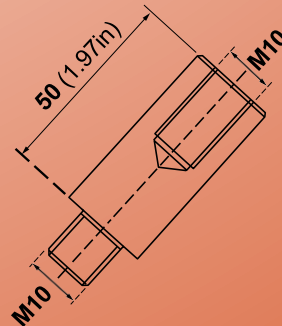
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 016**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

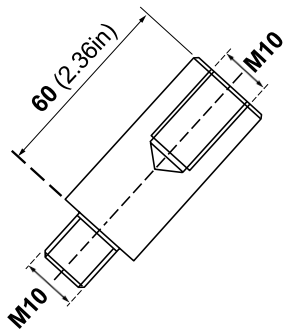


**412 000 017**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

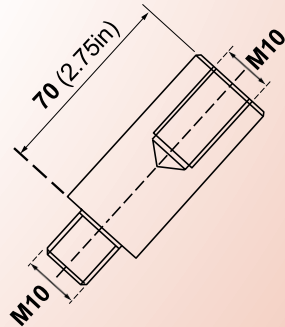
## Length Extender



**412 000 017**

### Length Extender

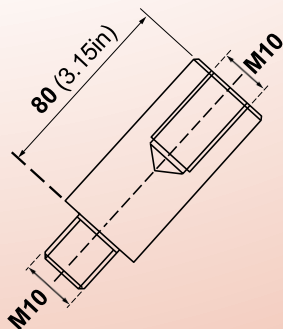
Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



**412 000 018**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

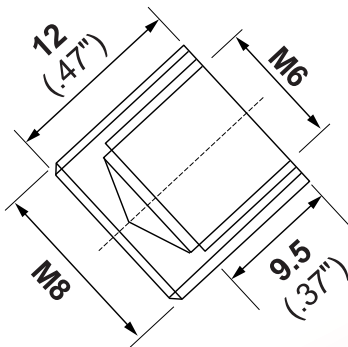


**412 000 019**

### Length Extender

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium

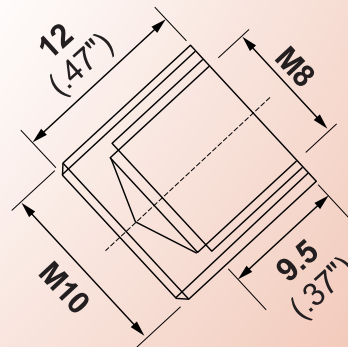
## Thread Adaptor



**414 000 001**

### Thread Adaptor

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



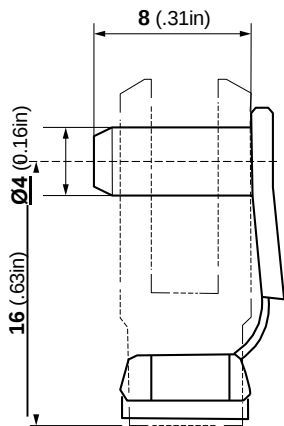
**414 000 001**

### Thread Adaptor

Material Information;  
Steel  
Surface Treatment;  
Black Oxide  
General Tolerances;  
DIN ISO 2768-medium



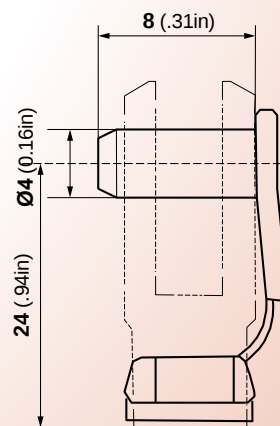
## Clevis Locking Pin



**413 000 001**

### Clevis Locking Pin

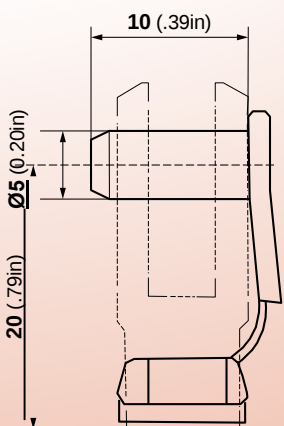
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 002**

### Clevis Locking Pin

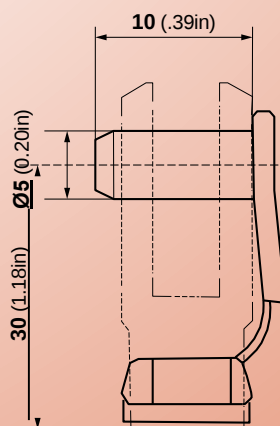
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 003**

### Clevis Locking Pin

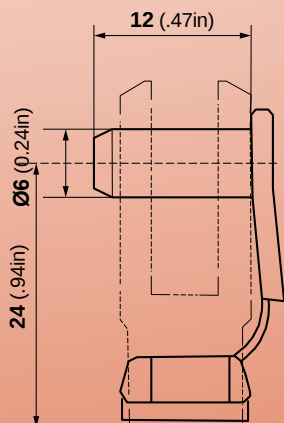
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 004**

### Clevis Locking Pin

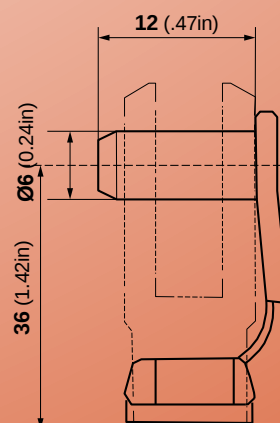
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 005**

### Clevis Locking Pin

Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

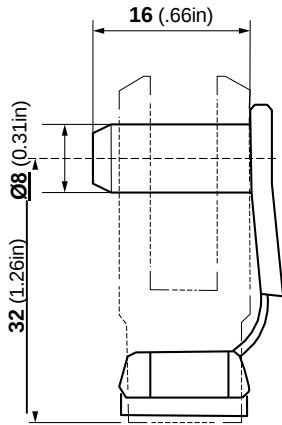


**413 000 006**

### Clevis Locking Pin

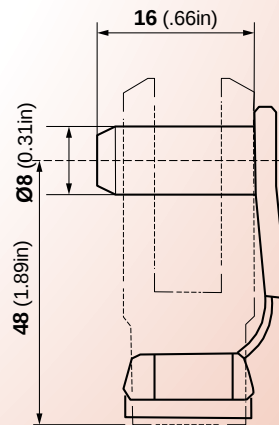
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

## Clevis Locking Pin



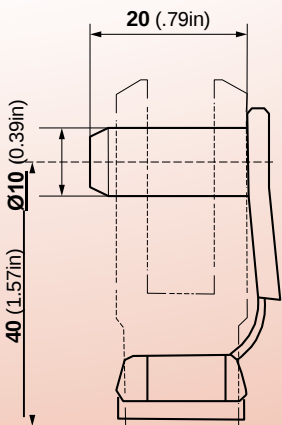
**413 000 007**

**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



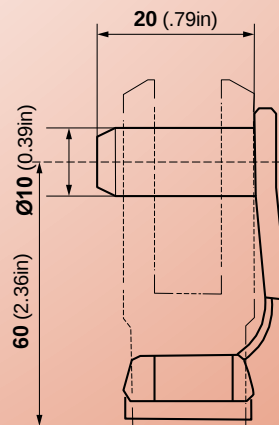
**413 000 008**

**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



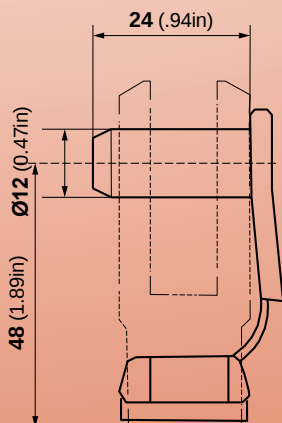
**413 000 009**

**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



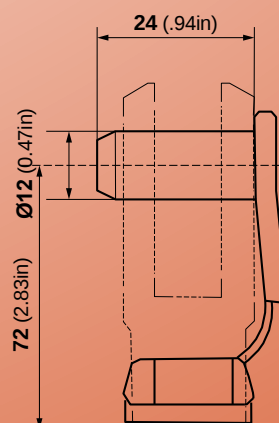
**413 000 010**

**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 011**

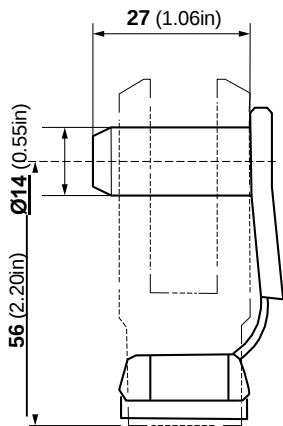
**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**413 000 012**

**Clevis Locking Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

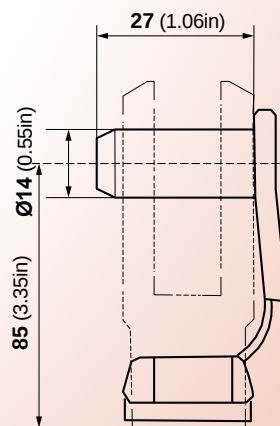
## Clevis Locking Pin



**413 000 013**

### Clevis Locking Pin

Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



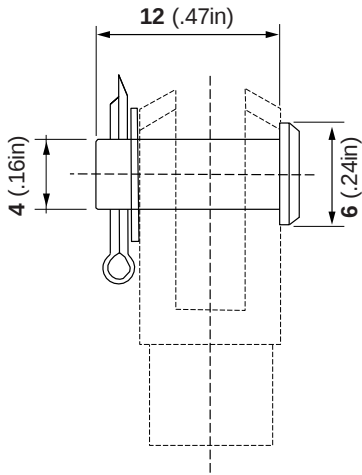
**413 000 014**

### Clevis Locking Pin

Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

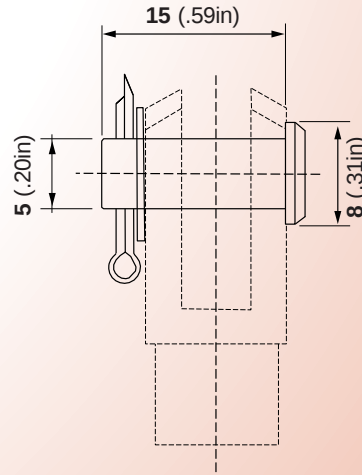


## Clevis Split Pin



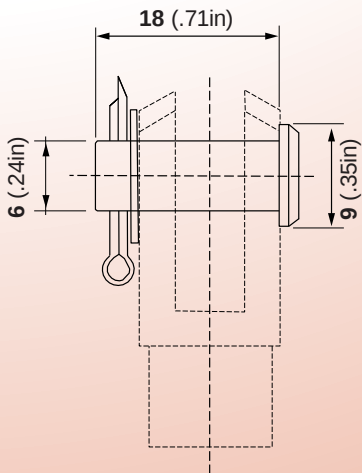
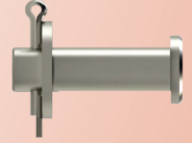
**416 000 001**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



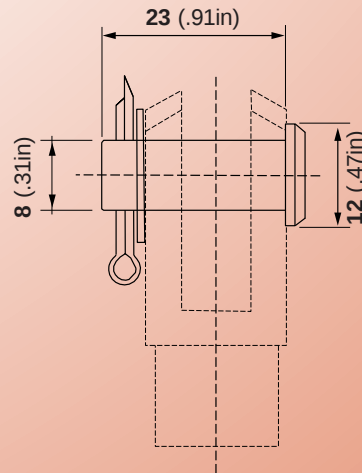
**416 000 002**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



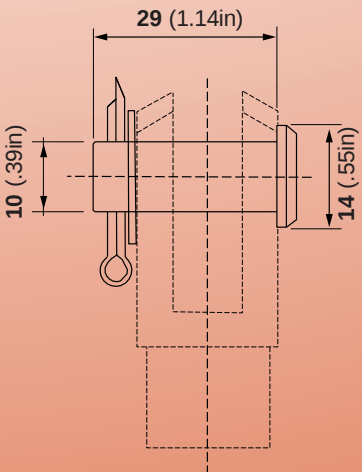
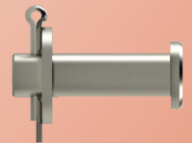
**416 000 003**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



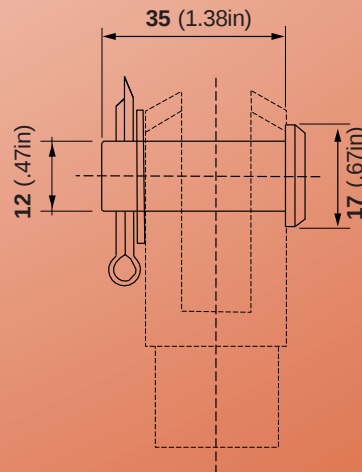
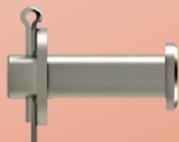
**416 000 004**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**416 000 005**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

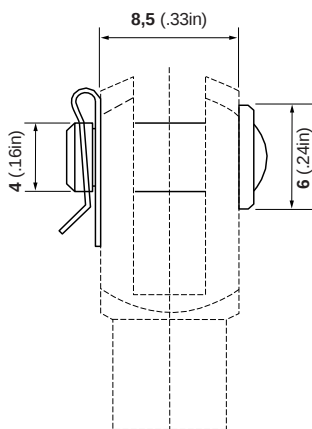


**416 000 006**

**Clevis Split Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

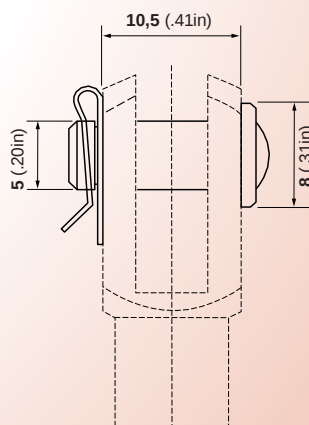


## Clevis Retainer Pin



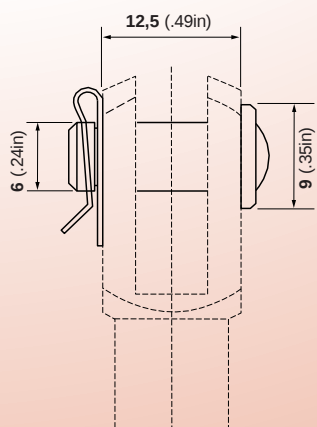
**416 000 007**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



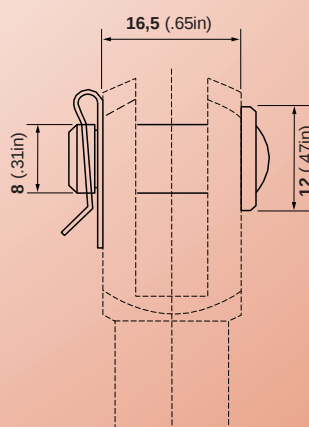
**416 000 008**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



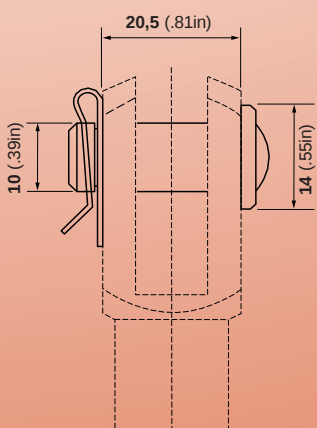
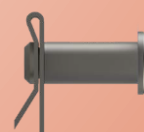
**416 000 009**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



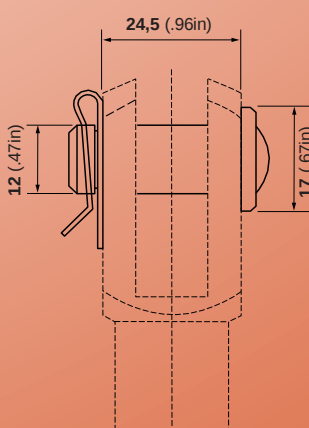
**416 000 010**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



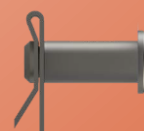
**416 000 011**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

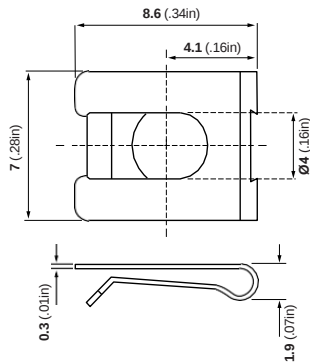


**416 000 012**

**Clevis Retainer Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



## Clevis Clip Retainer



**417 000 001**

**Clevis Clip Retainer**

Material Information;

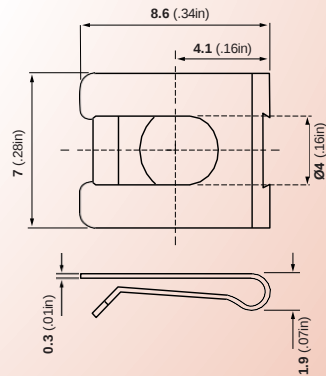
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 002**

**Clevis Clip Retainer**

Material Information;

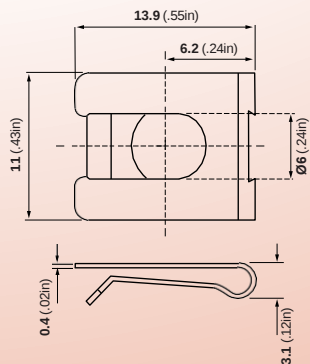
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 003**

**Clevis Clip Retainer**

Material Information;

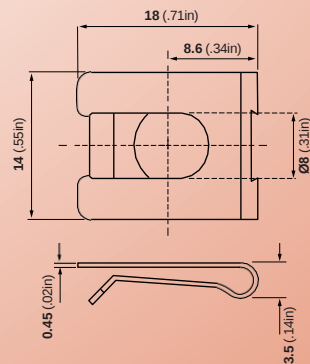
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 004**

**Clevis Clip Retainer**

Material Information;

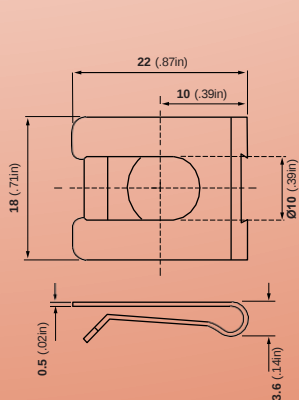
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 005**

**Clevis Clip Retainer**

Material Information;

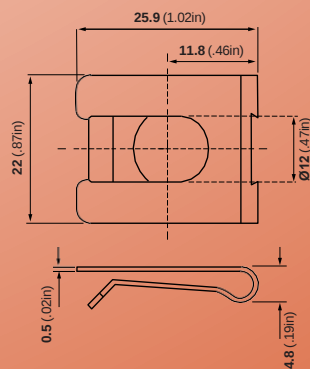
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 006**

**Clevis Clip Retainer**

Material Information;

Steel

Surface Treatment;

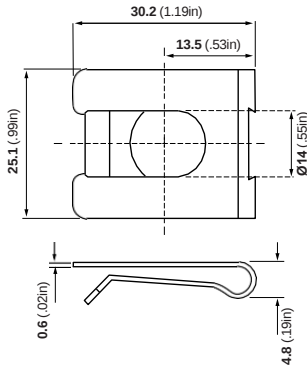
Zinc Plated

General Tolerances;

DIN ISO 2768-medium



## Clevis Clip Retainer



**417 000 007**

**Clevis Clip Retainer**

Material Information;

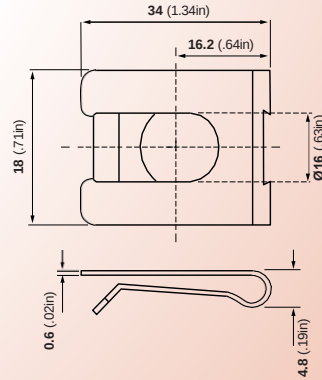
Steel

Surface Treatment;

Zinc Plated

General Tolerances;

DIN ISO 2768-medium



**417 000 008**

**Clevis Clip Retainer**

Material Information;

Steel

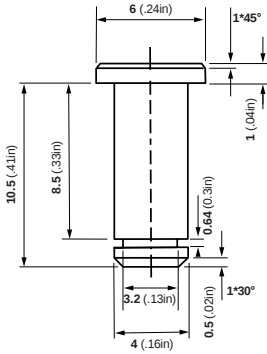
Surface Treatment;

Zinc Plated

General Tolerances;

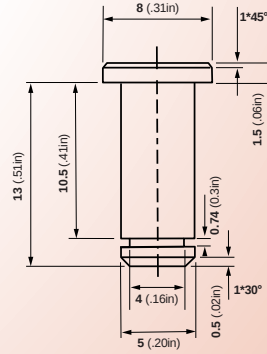
DIN ISO 2768-medium

## Clevis Pin



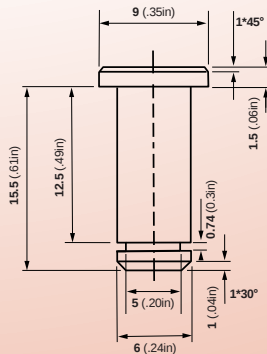
**418 000 001**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



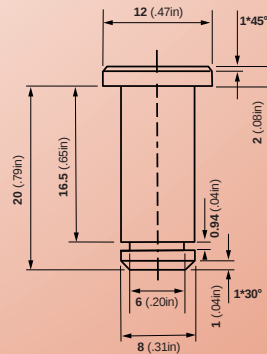
**418 000 002**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



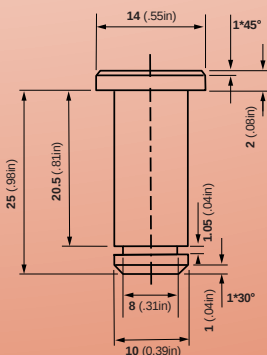
**418 000 003**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



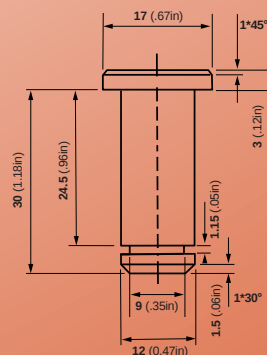
**418 000 004**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**418 000 005**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**418 000 006**

**Clevis Pin**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

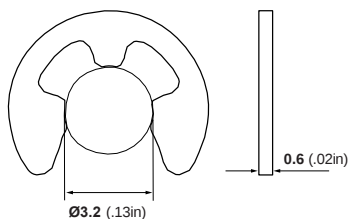


## E Retainer

### Material & Surface Treatment Options

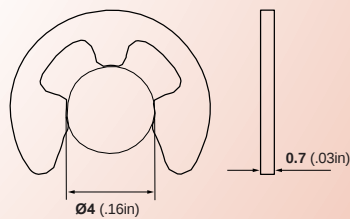
| MATERIAL ALTERNATIVES    | SURFACE TREATMENTS    | ORDER REF.   |
|--------------------------|-----------------------|--------------|
| Carbon steel             | Black Oxide           | Item Code -B |
|                          | Shiny nickel plated   | Item Code -E |
|                          | No paint, raw surface | Item Code -F |
| Stainless steel AISI 304 | Polished              | Item Code -4 |
| Stainless steel AISI 316 | Polished              | Item Code -6 |

## E Retainer



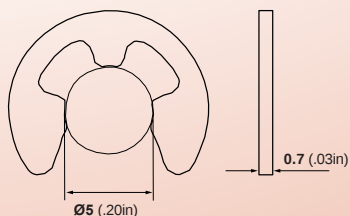
**419 000 001**

**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



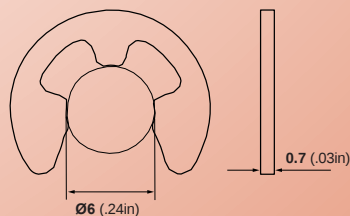
**419 000 002**

**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



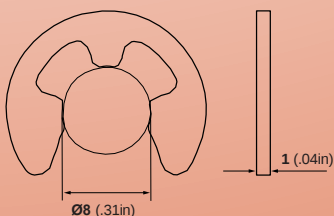
**419 000 003**

**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



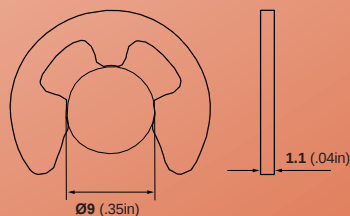
**419 000 004**

**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



**419 000 005**

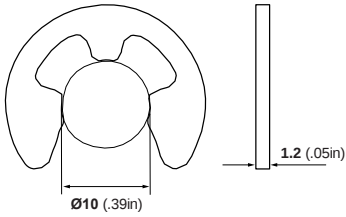
**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**419 000 006**

**E Retainer**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

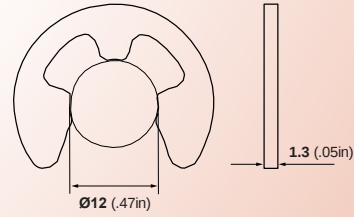
## E Retainer



**419 000 007**

### E Retainer

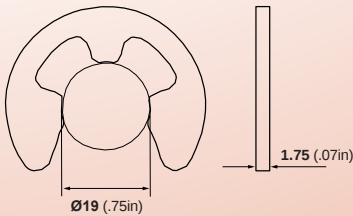
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



**419 000 008**

### E Retainer

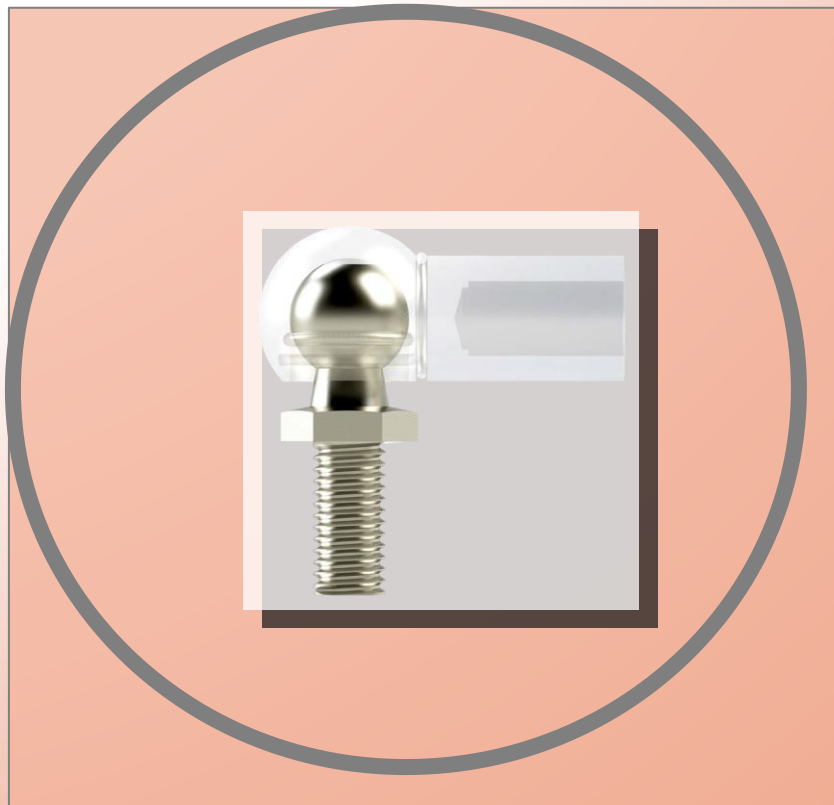
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances; DIN  
ISO 2768-medium



**419 000 009**

### E Retainer

Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

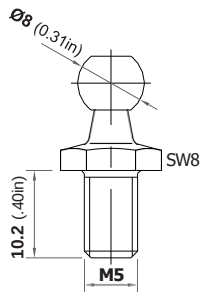


## Ball Studs

### Material & Surface Treatment Options

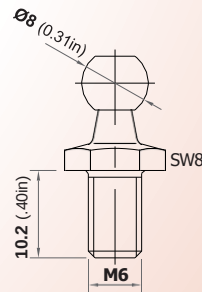
| MATERIAL ALTERNATIVES    | SURFACE TREATMENTS    | ORDER REF.   |
|--------------------------|-----------------------|--------------|
| Carbon steel             | Black Oxide           | Item Code -B |
|                          | Shiny nickel plated   | Item Code -E |
|                          | No paint, raw surface | Item Code -F |
| Stainless steel AISI 304 | Polished              | Item Code -4 |
| Stainless steel AISI 316 | Polished              | Item Code -6 |

## Ball Stud



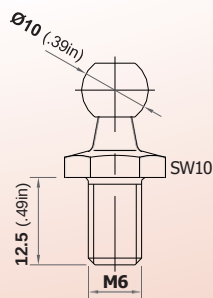
### 420 000 001 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



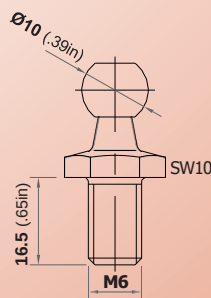
### 420 000 002 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



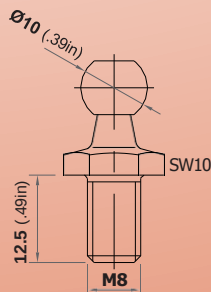
### 420 000 003 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



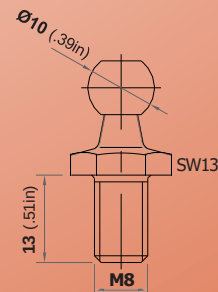
### 420 000 004 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



### 420 000 005 Ball Stud

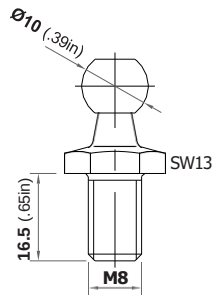
Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



### 420 000 006 Ball Stud

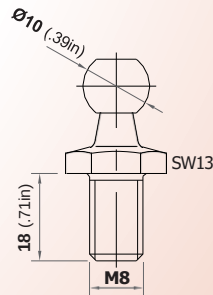
Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

## Ball Stud



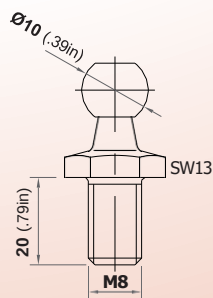
**420 000 007**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



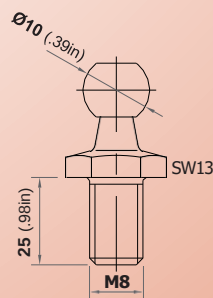
**420 000 008**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



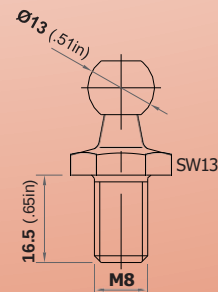
**420 000 009**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



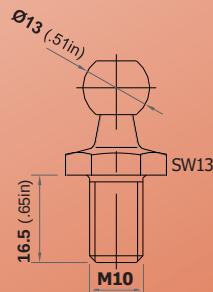
**420 000 010**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 000 011**  
**Ball Stud**

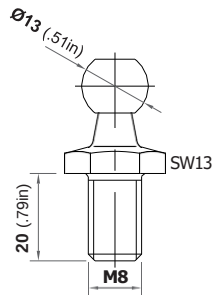
Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 000 012**  
**Ball Stud**

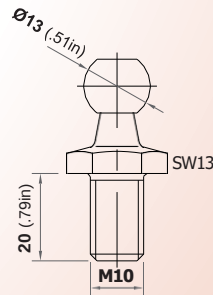
Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

## Ball Stud



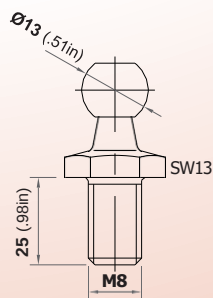
### 420 000 013 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



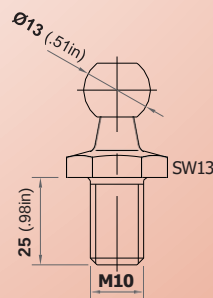
### 420 000 014 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



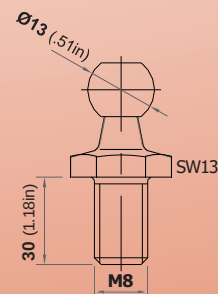
### 420 000 015 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



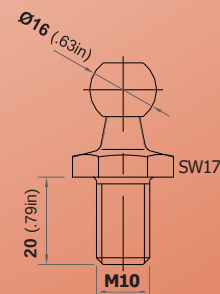
### 420 000 016 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



### 420 000 017 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

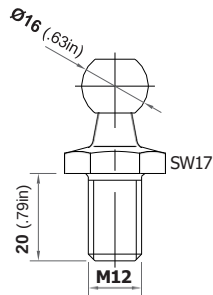


### 420 000 018 Ball Stud

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

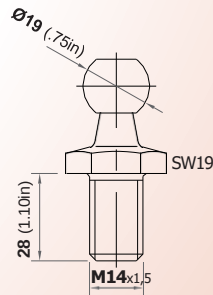


## Ball Stud



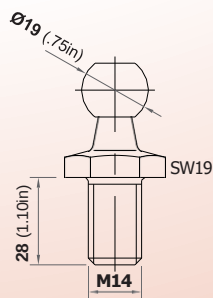
**420 000 019**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



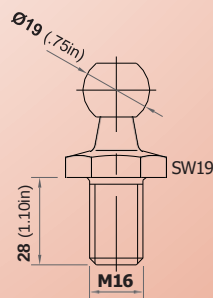
**420 000 020**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 000 021**  
**Ball Stud**

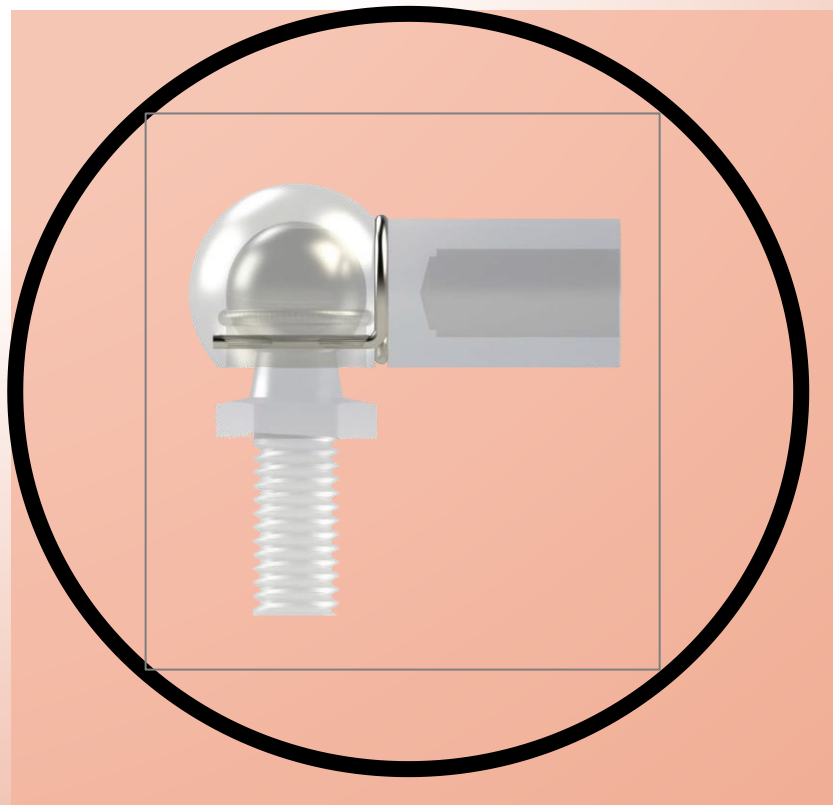
Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 000 022**  
**Ball Stud**

Material Information;  
11SMnPb30  
Surface Treatment;  
White Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

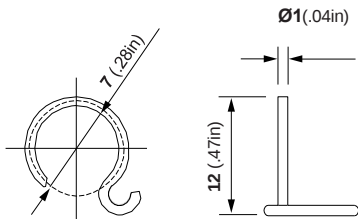




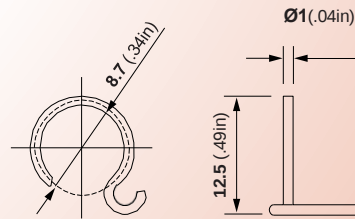
## Socket Locking Pins

| MATERIAL ALTERNATIVES | SURFACE TREATMENTS  | ORDER REF.   |
|-----------------------|---------------------|--------------|
| Carbon Steel          | Black Oxide         | Item Code -B |
|                       | Shiny nickel plated | Item Code -E |
| Stainless Steel       | Polished            | Item Code -4 |

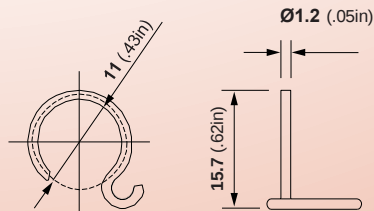
## Socket Locking Pins



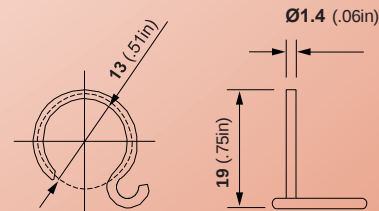
**421 000 001**  
**Socket Locking Pin**  
 Material Information;  
 Steel  
 Surface Treatment;  
 Zinc Plated  
 General Tolerances;  
 DIN ISO 2768-medium



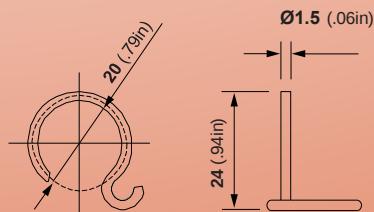
**421 000 002**  
**Socket Locking Pin**  
 Material Information;  
 Steel  
 Surface Treatment;  
 Zinc Plated  
 General Tolerances;  
 DIN ISO 2768-medium



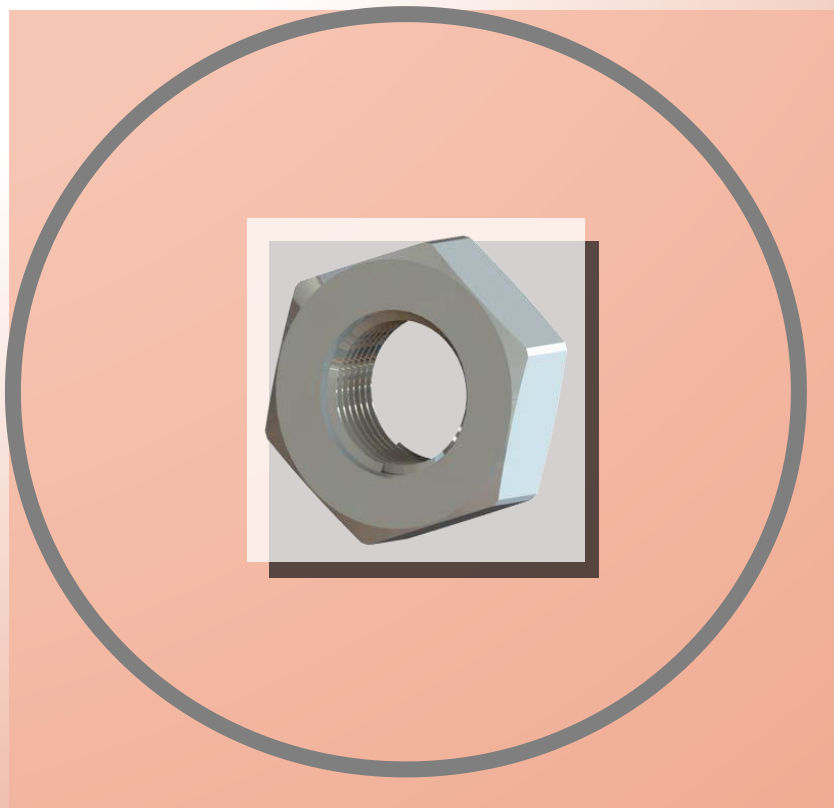
**421 000 003**  
**Socket Locking Pin**  
 Material Information;  
 Steel  
 Surface Treatment;  
 Zinc Plated  
 General Tolerances;  
 DIN ISO 2768-medium



**421 000 004**  
**Socket Locking Pin**  
 Material Information;  
 Steel  
 Surface Treatment;  
 Zinc Plated  
 General Tolerances;  
 DIN ISO 2768-medium



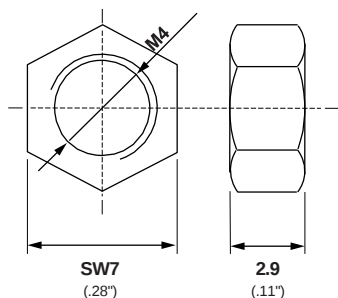
**421 000 005**  
**Socket Locking Pin**  
 Material Information;  
 Steel  
 Surface Treatment;  
 Zinc Plated  
 General Tolerances;  
 DIN ISO 2768-medium



## Nuts

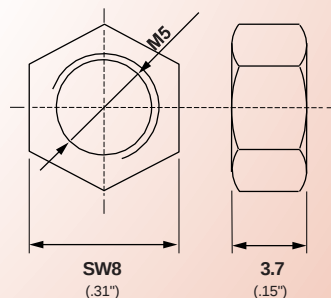
| MATERIAL ALTERNATIVES | SURFACE TREATMENTS  | ORDER REF.   |
|-----------------------|---------------------|--------------|
| Carbon Steel          | Black Oxide         | Item Code -B |
|                       | Shiny nickel plated | Item Code -E |
| Stainless Steel       | Polished            | Item Code -4 |

## Nuts



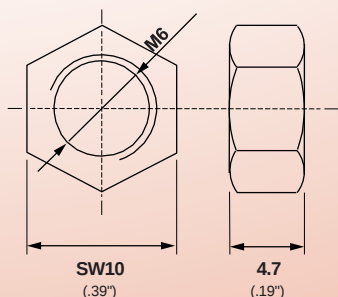
**420 010 001**

**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



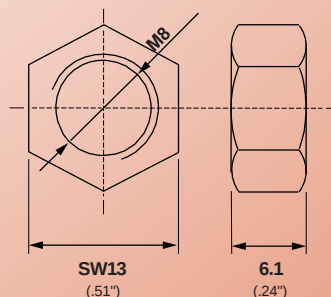
**420 010 002**

**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



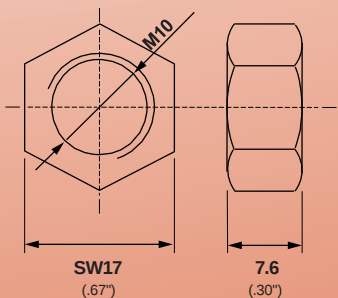
**420 010 003**

**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



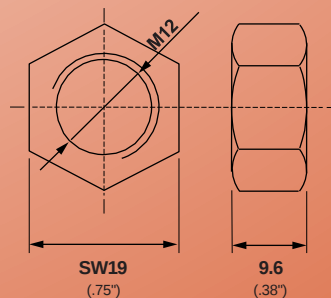
**420 010 004**

**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 010 005**

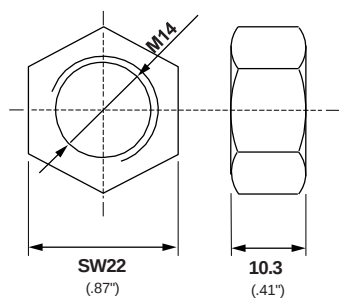
**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



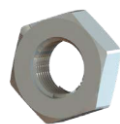
**420 010 006**

**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium

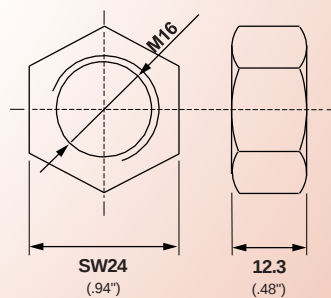
## Nuts&Rubber



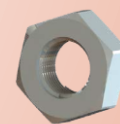
**420 010 007**



**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium



**420 010 008**



**Nut**  
Material Information;  
Steel  
Surface Treatment;  
Zinc Plated  
General Tolerances;  
DIN ISO 2768-medium