

PIC[®] DESIGN *from* STOCK

Your source for stock precision mechanical components

PIC DESIGN FIRMLY BELIEVES THAT INVENTORY IS AN INVESTMENT. KEEPING POPULAR ITEMS ON THE SHELF IS ONE OF THE MOST IMPORTANT WAYS WE HELP OUR CUSTOMERS SUCCEED.

• **PIC stock parts are:**

- Designed to fulfill the needs of the experimental, development, and manufacturing departments.
- Ready for immediate delivery.

• **Our stock room is your stock room!**



Gears:

SPUR



Diametral Pitch: 16 to 120

Bores: 1/8" to 3/8"

Face Width: 1/8" to 3/8"

Quality Level: AGMA Q10 to Q14

Pitch Diameter Range: 0.1" to 5"

303 SST

2024-T4 Aluminum Bronze

464 Bronze Alloy

17-4PH SST

ANTI-BACKLASH



SPUR • MITER • WORM WHEELS

Pressure Angle: 20°

Diametral Pitch: 24 to 96

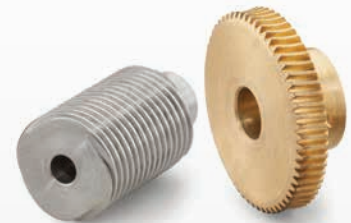
Bores: 1/8", 3/16", 1/4"

Ratio: 1:1

303 SST

2024-T4 Aluminum

WORM & WORM WHEEL



WORM:

Pitch: 48 & 64

Worm Starts: 1, 2, 4

Bores: 1/8" to 1/4"

303 SST

WORM WHEEL:

Hub Types: Pin & Split

Bronze QQB

639 Alloy

464 Bronze Alloy



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ISO 9001:2015



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Fasteners:

DOWEL PINS



**SLIP FIT • PRESS FIT
HARDENED & GROUND**

Ø: 1/32" to 1/2", 1mm to 12mm
L: 3/32" to 1/2", 3mm to 50mm
Tolerance: Slip (+.0000"/-.0002")
and Press Fit (+.0002"/-.0000")

303 SST

416 SST (Hardened to 36-42Rc)
Carbon Steel (Hardened to 60Rc)

SET SCREWS



**NO MAR (SST)
SILVER GRIP (SST)
CUP POINT (SST)
BRASS TIP**

(Heat treated alloy steel
with brass insert)

Inch & Metric Sizes

SHOULDER SCREWS



**SLOTTED HEAD • SOCKET HEAD
PHILIPS HEAD**

Type	Shoulder Diameter	Thread Size	Shoulder Length
Inch	1/8" to 1/2"	4-40 to 3/8-16	1/8" to 1"
Metric	4mm to 12mm	M3 to M10	4 to 25mm

303 SST

416 SST (Hardened to 36-42Rc)

Bearings:

PRECISION BALL BEARINGS



Inch Bores: 0.04" to 1.5"
Metric Bores: 3mm to 40mm

Inch: ABEC 1,3,7

Metric: ISO Class 4 (ABEC 7)
or Normal (ABEC 1)

Flanged and Unflanged

ABEC 3 & 7 - 440 Stainless Steel
ABEC 1 - 52100 Steel

BRONZE BEARINGS



Bores: 0.1250" to 0.2500"
O.D.: 0.2500" to 0.6250"

Flanged and Unflanged

Bronze ASTM B438

PRECISION BALLS



Ø: 0.0937" to 0.50000"
Ø: 1.5000mm to 6.0000mm
Bores: 0.040" to 1.5"

440 Stainless Steel, Grade 25
(Hardened to 58-65Rc)
Sphericity: 0.000025"

Zytel 101 Nylon
Sphericity: 0.001"

