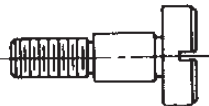
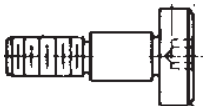
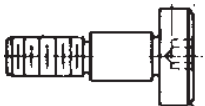
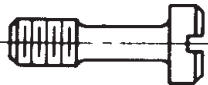




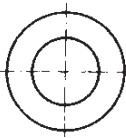


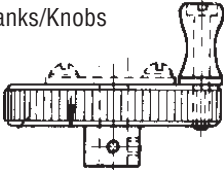

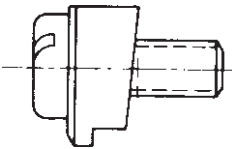
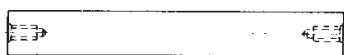
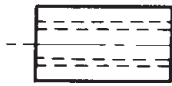
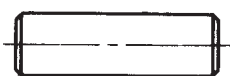

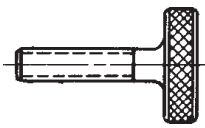
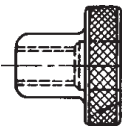
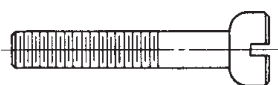

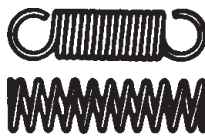
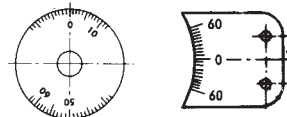


PIC Design offers an extensive line of precision Hardware which contains various items for fastening and/or locating of precision industrial components. The hardware is manufactured from Stainless Steel to the PIC high quality standards, in either inch or metric styles of thread, diameter and length.

The following pages have been included as a technical guide to aid the designer or engineer in selecting the appropriate screw type and size. The drill and tap data in inch for both the UNF and the UNC pieces,

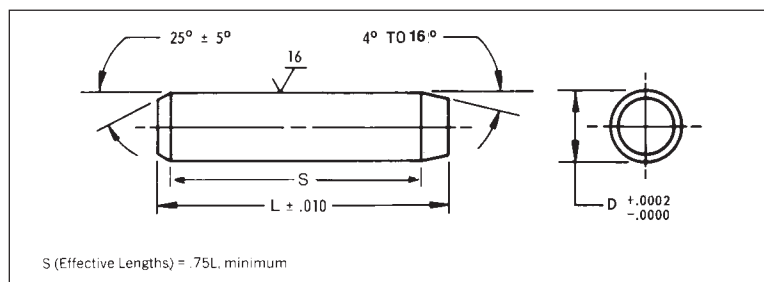
selects the correct drill to be used for the appropriate tap. For the metric ISO thread, the correct drill is recommended for the thread size and pitch.

The screw head detail data for both inch and metric heads enables the designer to select the appropriate type of head required and to allow for the clearance of the heads.

Slotted head shoulder screws. 	Socket head shoulder screws. 	Philips head shoulder screws. 	Captive Screws 
No-Mar set screws 	Silver-Grip set screws 	Cup point set screws 	Brass tip set screws 
Precision washers 	Belleville spring washers 	Curved washers 	Cranks/Knobs 
Retaining rings 	Motor mount cleats 	Spacers 	Standoffs 
Dowel pins 	Woodruff keys 	Knurled thumb screws 	Knurled thumb nuts 
Swivel studs, nuts and washers 	Handles 	Springs 	Dials and verniers 

DOWEL PINS — HARDENED - PRESS FIT

1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16 and 3/8 Inch Diameters



Material: Conforms to specification NASM 16555, 416 Stainless Steel

Finish: Clear Passivate

Hardened To: 36-42 Rockwell C. *Pins not to MS lengths

L	1/16 Dia. Pin D = .0626 Part No.	3/32 Dia. Pin D = .0939 Part No.	1/8 Dia. Pin D = .1251 Part No.	5/32 Dia. Pin D = .1563 Part No.
3/16	D15-187	*D16-187	—	—
1/4	D15-250	*D16-250	*D17-250	—
5/16	D15-312	D16-312	*D17-312	—
3/8	D15-375	D16-375	D17-375	*D18-375
7/16	D15-437	D16-437	D17-437	*D18-437
1/2	D15-500	D16-500	D17-500	D18-500
5/8	D15-625	D16-625	D17-625	D18-625
3/4	D15-750	D16-750	D17-750	D18-750
7/8	*D15-875	D16-875	D17-875	D18-875
1	D15-1000	D16-1000	D17-1000	D18-1000

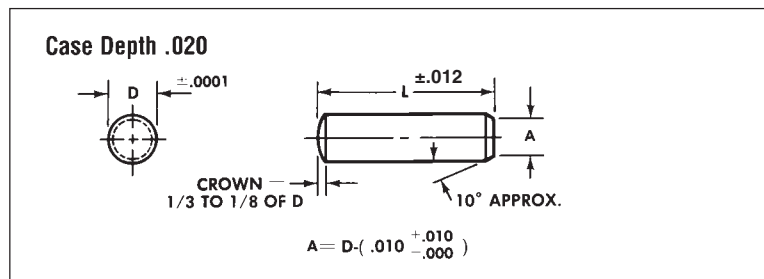
L	3/16 Dia. Pin D = .1876 Part No.	1/4 Dia. Pin D = .2501 Part No.	5/16 Dia. Pin D = .3126 Part No.	3/8 Dia. Pin D = .3751 Part No.
3/8	*D19-375	—	—	—
1/2	*D19-500	*D20-500	—	—
5/8	D19-625	*D20-625	—	—
3/4	D19-750	D20-750	*D21-750	*D22-750
1	D19-1000	D20-1000	D21-1000	*D22-1000
1-1/4	D19-1250	D20-1250	D21-1250	D22-1250
1-1/2	—	D20-1500	D21-1500	D22-1500

DOWEL PINS KIT

Description of Contents	Number of Parts	Part No.
Dowel Pins—Hardened Stainless Steel Meet MS Spec. Eight Diameters (1/16 to 3/8) with Assorted Lengths (1/4" to 1-1/2")	140	Y10K

DOWEL PINS — HARDENED AND GROUND - PRESS FIT

1/16, 3/32, 1/8, 3/16, 1/4, 5/16 and 3/8 Inch Diameters



Material: Carbon Steel
Carburized, RC60

L	1/16 Dia. Pin D = .0627 Part No.	3/32 Dia. Pin D = .0940 Part No.	1/8 Dia. Pin D = .1252 Part No.
3/16	D25-187	—	—
1/4	D25-250	D26-250	D27-250
3/8	D25-375	D26-375	D27-375
1/2	D25-500	D26-500	D27-500
5/8	D25-625	D26-625	D27-625
3/4	D25-750	D26-750	D27-750
1	D25-1000	D26-1000	D27-1000
1-1/4	—	—	D27-1250
1-1/2	—	—	D27-1500

L	3/16 Dia. Pin D = .1877 Part No.	1/4 Dia. Pin D = .2502 Part No.	5/16 Dia. Pin D = .3127 Part No.	3/8 Dia. Pin D = .3752 Part No.
1/2	D29-500	D30-500	D31-500	D32-500
3/4	D29-750	D30-750	D31-750	D32-750
1	D29-1000	D30-1000	D31-1000	D32-1000
1-1/4	D29-1250	D30-1250	D31-1250	D32-1250
1-1/2	D29-1500	D30-1500	D31-1500	D32-1500