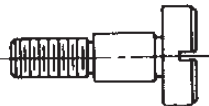
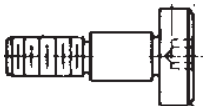
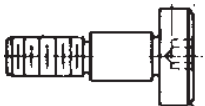
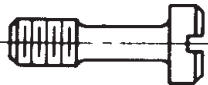




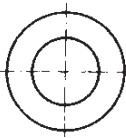


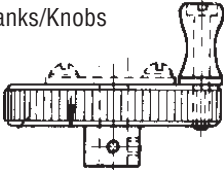

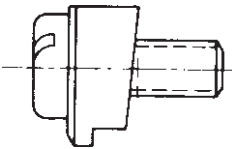
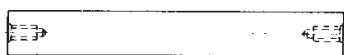
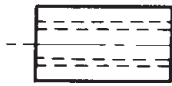
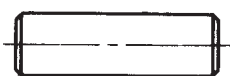

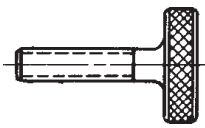
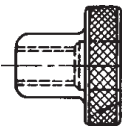
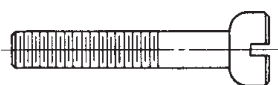

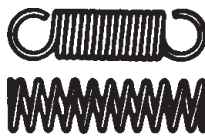
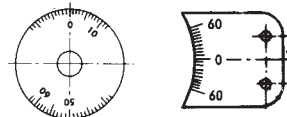


PIC Design offers an extensive line of precision Hardware which contains various items for fastening and/or locating of precision industrial components. The hardware is manufactured from Stainless Steel to the PIC high quality standards, in either inch or metric styles of thread, diameter and length.

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,

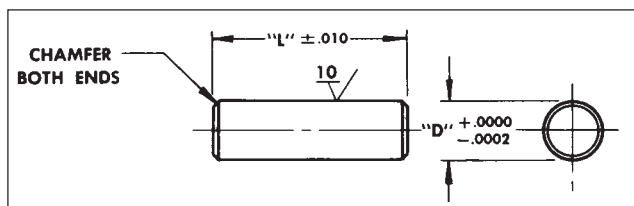
selects the correct drill to be used for the appropriate tap. For the metric ISO thread, the correct drill is recommended for the thread size and pitch.

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 

PRECISION DOWEL PINS — SLIP FIT

1/32, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8 and 1/2 Inch Diameters



Material: 303 Stainless Steel

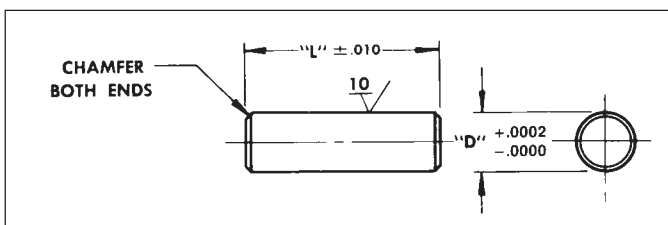
L	1/8 Dia. Pin D = .1251	5/32 Dia. Pin D = .1562	3/16 Dia. Pin D = .1875
	Part No.	Part No.	Part No.
1/8	D5-125	—	—
5/32	D5-156	—	—
3/16	D5-187	D8-187	—
7/32	D5-218	—	—
1/4	D5-250	D8-250	D9-250
5/16	D5-312	D8-312	D9-312
3/8	D5-375	D8-375	D9-375
7/16	D5-437	D8-437	D9-437
1/2	D5-500	D8-500	D9-500
5/8	D5-625	D8-625	D9-625
3/4	D5-750	—	D9-750
7/8	D5-875	—	D9-875
1	D5-1000	—	D9-1000
1-1/8	D5-1125	—	—

L	1/32 Dia. Pin D = .0313	1/16 Dia. Pin D = .0626	5/64 Dia. Pin D = .0781	3/32 Dia. Pin D = .0938
	Part No.	Part No.	Part No.	Part No.
3/32	D2-093	D3-093	—	D4-093
1/8	D2-125	D3-125	—	D4-125
5/32	D2-156	D3-156	D7-156	D4-156
3/16	D2-187	D3-187	D7-187	D4-187
7/32	D2-218	D3-218	—	D4-218
1/4	D2-250	D3-250	D7-250	D4-250
5/16	D2-312	D3-312	D7-312	D4-312
3/8	D2-375	D3-375	D7-375	D4-375
7/16	D2-437	D3-437	—	D4-437
1/2	D2-500	D3-500	—	D4-500
5/8	D2-625	D3-625	—	D4-625
3/4	D2-750	D3-750	—	D4-750
7/8	D2-875	D3-875	—	D4-875
1	D2-1000	D3-1000	—	D4-1000

L	1/4 Dia. Pin D = .2500	5/16 Dia. Pin D = .3125	3/8 Dia. Pin D = .3750	1/2 Dia. Pin D = .5000
	Part No.	Part No.	Part No.	Part No.
3/8	D11-375	—	—	—
7/16	D11-437	—	—	—
1/2	D11-500	D12-500	—	—
9/16	D11-562	—	D13-562	—
5/8	D11-625	—	D13-625	—
3/4	D11-750	D12-750	D13-750	D14-750
7/8	D11-875	—	D13-875	—
1	D11-1000	D12-1000	D13-1000	D14-1000
1-1/4	D11-1250	D12-1250	D13-1250	—
1-1/2	D11-1500	—	D13-1500	—

PRECISION DOWEL PINS — INTERFERENCE FIT

1/32, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8 and 1/2 Inch Diameters



Material: 303 Stainless Steel

L	1/8 Dia. Pin D = .1251	5/32 Dia. Pin D = .1562	3/16 Dia. Pin D = .1875
	Part No.	Part No.	Part No.
1/8	D44-125	—	—
5/32	D44-156	—	—
3/16	D44-187	D45-187	—
7/32	D44-218	—	—
1/4	D44-250	D45-250	D46-250
5/16	D44-312	D45-312	D46-312
3/8	D44-375	D45-375	D46-375
7/16	D44-437	D45-437	D46-437
1/2	D44-500	D45-500	D46-500
5/8	D44-625	D45-625	D46-625
3/4	D44-750	—	D46-750
7/8	D44-875	—	D46-875
1	D44-1000	—	D46-1000
1-1/8	D44-1125	—	—

L	1/32 Dia. Pin D = .0313	1/16 Dia. Pin D = .0626	5/64 Dia. Pin D = .0781	3/32 Dia. Pin D = .0938
	Part No.	Part No.	Part No.	Part No.
3/32	D40-093	D41-093	—	D43-093
1/8	D40-125	D41-125	—	D43-125
5/32	D40-156	D41-156	D42-156	D43-156
3/16	D40-187	D41-187	D42-187	D43-187
7/32	D40-218	D41-218	—	D43-218
1/4	D40-250	D41-250	D42-250	D43-250
5/16	D40-312	D41-312	D42-312	D43-312
3/8	D40-375	D41-375	D42-375	D43-375
7/16	D40-437	D41-437	—	D43-437
1/2	D40-500	D41-500	—	D43-500
5/8	D40-625	D41-625	—	D43-625
3/4	D40-750	D41-750	—	D43-750
7/8	D40-875	D41-875	—	D43-875
1	D40-1000	D41-1000	—	D43-1000

L	1/4 Dia. Pin D = .2500	5/16 Dia. Pin D = .3125	3/8 Dia. Pin D = .3750	1/2 Dia. Pin D = .5000
	Part No.	Part No.	Part No.	Part No.
3/8	D47-375	—	—	—
7/16	D47-437	—	—	—
1/2	D47-500	D48-500	—	—
9/16	D47-562	—	D49-562	—
5/8	D47-625	—	—	—
3/4	D47-750	D48-750	D49-750	D50-750
7/8	D47-875	—	—	—
1	D47-1000	D48-1000	D49-1000	D50-1000
1-1/4	D47-1250	D48-1250	D49-1250	—
1-1/2	—	—	D49-1500	—