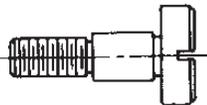
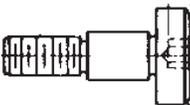
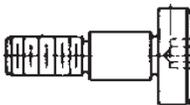
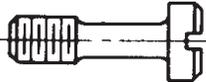
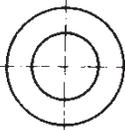
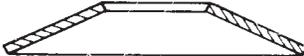
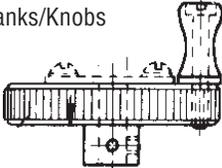
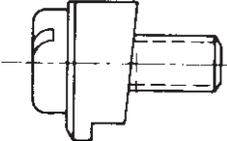
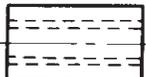
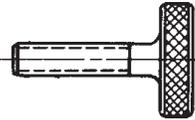
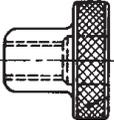
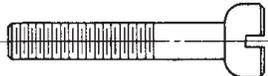
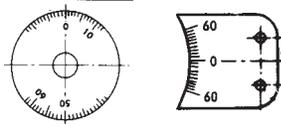


PIC Design offers an extensive line of precision Hardware which contains various items for fastening and/or locating of precision industrial components. The hardware is manufactured from Stainless Steel to the PIC high quality standards, in either inch or metric styles of thread, diameter and length.

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,

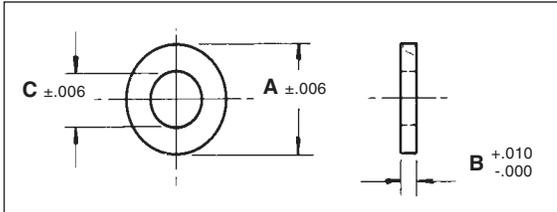
selects the correct drill to be used for the appropriate tap. For the metric ISO thread, the correct drill is recommended for the thread size and pitch.

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. 	Phillips 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 WASHERS

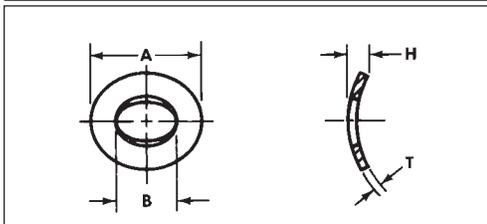
Machined



Material: 300 Series Stainless Steel

Screw Size (Ref.)	A	B	C	Part No.
# 4	1/4		.116	3150
# 6	5/16	1/16	.144	3151
# 8	3/8		.169	3152
#10	7/16	5/64	.196	3153
1/4	1/2		.257	3154
5/16	5/8	3/32	.323	3155
3/8	3/4		.386	3156

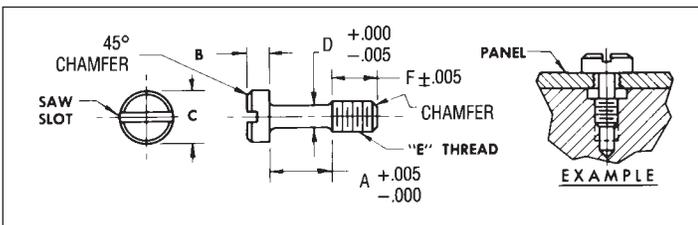
CURVED WASHERS



Material: 300 Series Stainless Steel
Spring Tempered

A	B	T	H (Approx.)	Hole Size	Screw Size	Part No.
.245	.135	.006	.034	1/4	# 5	D33-1
.270	.148	.007	.035	9/32	# 6	D33-2
.322	.174	.0075	.042	11/32	# 8	D33-3
.370	.200	.009	.047	3/8	#10	D33-4
.490	.265	.011	.063	1/2	1/4	D33-6
.612	.327	.013	.077	5/8	5/16	D33-7

CAPTIVE SCREWS

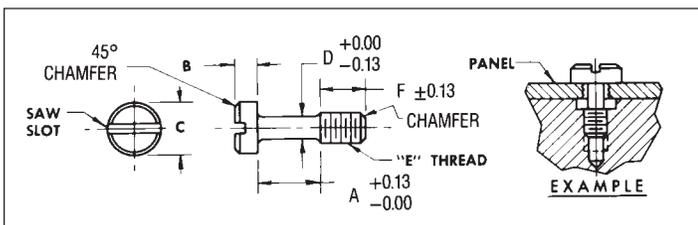


Material: 300 Series Stainless Steel

For Panel Thickness	A	B	C	D	E	F	Part No.
1/16	.281						Y9-1
1/8	.343	1/8	1/4	.072	# 4-40	.187	Y9-2
1/16	.312						Y9-3
1/8	.375	1/8	9/32	.086	# 6-32	.218	Y9-4
3/16	.437						Y9-5
1/8	.406						Y9-6
3/16	.468	5/32	5/16	.114	# 8-32	.250	Y9-7
1/4	.531						Y9-8
3/16	.531	3/16	3/8	.136	#10-32	.312	Y9-9
1/4	.593						Y9-10

METRIC CAPTIVE SCREWS

All Dimensions In Millimeters



Material: 300 Series Stainless Steel

For Panel Thickness	A	B	C	D	E	F	Part No.
1.5	6.75						MCS1-1
3	8.25	2	5.2	2.14	M3	4.50	MCS1-2
3	9.75						MCS1-3
5	11.75	2.8	7	2.89	M4	6.00	MCS1-4
6	12.75						MCS1-5
5	13.25	3.5	9	3.77	M5	7.50	MCS1-6
6	14.25						MCS1-7