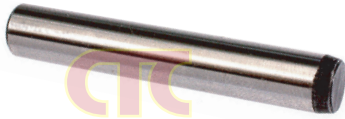


## Standard Dowel Pins



Accurately ground pins are chamfered (Beveled) on both ends except steel pins which have one chamfered end. Single shear strength is the amount of force applied against a fastener in one place causing it to break into two pieces. Double shear strength (Listed in chart) is the amount of force applied against a fastener in two places causing

it to break into three pieces. Length tolerance is  $\pm .01$ ". **Hardened Type 416 Stainless Steel**-Magnetic plus offers corrosion resistance. They are passivated (A nitric acid treatment that creates a passive film to protect the stainless steel from oxidation and corrosion). Mil. Spec. Ms16555. Rockwell hardness is C36-C42. **Type 316 Stainless Steel**-Slightly magnetic with better corrosion resistance than 18-8 stainless steel. Not passivated. Rockwell hardness is B85. Not rated for shear strength. **18-8 Stainless Steel**-More corrosion resistant than type 416 stainless steel and slightly magnetic. Not passivated. Rockwell hardness is B85. Not rated for shear strength.

Normal Diameter	1/32"	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"
Actual Dia	Min.	.0312"	.0626"	.0939"	.1251"	.1563"	.2501"
	Max.	.0315"	.0628"	.0941"	.1253"	.1565"	.2503"
Type 416 SS Double Shear Strength lbs.	—	610	1,000	1,800	2,800	4,000	7,200

### Hardened Type 416 Stainless Steel

Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿
<b>1/16" Dia.</b>				<b>5/32" Dia.</b>				<b>1/4" Dia. (Cont.)</b>			
1/8"	50	9J83 8413	—	3/8"	25	9J83 8482	—	1 1/2"	10	9J83 8546	—
3/16"	50	9J83 8414	—	1/2"	25	9J83 8483	—	1 3/4"	5	9J83 8547	—
1/4"	50	9J83 8415	—	5/8"	25	9J83 8485	—	2"	5	9J83 8548	—
3/8"	50	9J83 8417	—	3/4"	25	9J83 8487	—	—	—	—	—
1/2"	50	9J83 8419	—	<b>3/16" Dia.</b>				<b>1/8" Dia.</b>			
3/4"	50	9J83 8422	—	1/2"	25	9J83 8505	—	1/4"	50	9J83 8469	—
1"	50	9J83 8423	—	3/4"	25	9J83 8508	—	3/8"	50	9J83 8470	—
<b>3/32" Dia.</b>				1"	10	9J83 8510	—	1/2"	50	9J83 8471	—
1/4"	50	9J83 8434	—	1 1/4"	10	9J83 8512	—	3/4"	50	9J83 8473	—
5/16"	50	9J83 8435	—	1 1/2"	10	9J83 8514	—	1"	25	9J83 8475	—
3/8"	50	9J83 8436	—	<b>1/4" Dia.</b>				1 1/4"	25	9J83 8477	—
1/2"	50	9J83 8438	—	1/2"	10	9J83 8537	—	1 1/2"	25	9J83 8479	—
5/8"	50	9J83 8440	—	3/4"	10	9J83 8540	—	—	—	—	—

### Type 316 Stainless Steel

Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿
<b>1/16" Dia.</b>				<b>1/8" Dia.</b>				<b>3/16" Dia. (Cont.)</b>			
1/4"	25	9J73 9401	—	1/4"	10	9J73 9439	—	5/8"	10	9J73 9465	—
3/8"	25	9J73 9405	—	3/8"	10	9J73 9435	—	3/4"	10	9J73 9471	—
1/2"	25	9J73 9410	—	1/2"	10	9J73 9441	—	1"	10	9J73 9473	—
3/4"	10	9J73 9414	—	3/4"	10	9J73 9451	—	<b>1/4" Dia.</b>			
1"	10	9J73 9418	—	1"	10	9J73 9452	—	1/2"	10	9J73 9475	—
<b>3/32" Dia.</b>				1 1/4"	5	9J73 9453	—	5/8"	10	9J73 9481	—
1/4"	25	9J73 9421	—	<b>3/16" Dia.</b>				3/4"	10	9J73 9485	—
3/8"	25	9J73 9425	—	3/8"	10	9J73 9455	—	1"	10	9J73 9491	—
1/2"	25	9J73 9431	—	1/2"	10	9J73 9461	—	1 1/2"	5	9J73 9494	—
3/4"	10	9J73 9433	—	—	—	—	—	—	—	—	—

### 18-8 Stainless Steel

Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿	Lg. In.	Pkg. Qty.	Number	Price ฿
<b>1/32" Dia.</b>				<b>1/8" Dia.</b>				<b>3/16" Dia.</b>			
3/16"	100	9J01 4310	—	3/16"	100	9J01 4876	—	5/16"	20	9J01 4502	—
1/4"	100	9J01 4312	—	1/4"	100	9J01 4469	—	3/8"	20	9J01 4503	—
3/8"	100	9J01 4315	—	5/16"	100	9J01 4878	—	7/16"	20	9J01 4504	—
<b>1/16" Dia.</b>				3/8"	100	9J01 4470	—	1/2"	20	9J01 4505	—
1/8"	100	9J01 4413	—	1/2"	100	9J01 4471	—	5/8"	20	9J01 4507	—
3/16"	100	9J01 4414	—	5/8"	100	9J01 4472	—	3/4"	20	9J01 4508	—
1/4"	100	9J01 4415	—	3/4"	100	9J01 4473	—	1"	20	9J01 4510	—