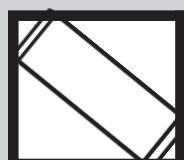


# DOWEL PINS

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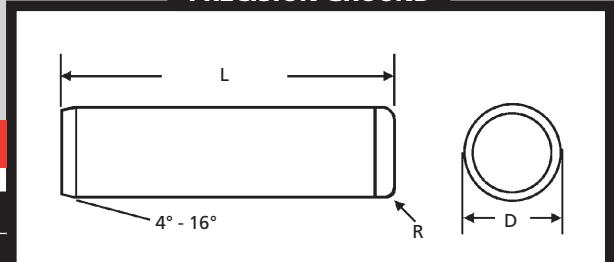


## STANDARD

### MANUFACTURER CROSS-REFERENCE

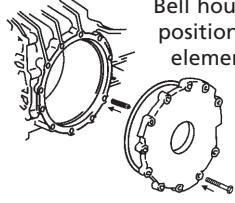
ITW/Bee-Leitzke	201	Brighton-Best	24
Hobbs		ASME	B18.8.2

### PRECISION GROUND



DOW	Nominal (D)	Length (L)	WEIGHT	MATERIAL		
	DIAMETER	LENGTH	Lbs. per 100 Pieces	Alloy Steel "DOW-"	300 Stainless "DOWS3-"	416 Stainless "DOWS-"
-062-0125	1/16	.0628/.0626	1/8	0.02		
			3/16	0.02		
			1/4	0.02		
			5/16	0.03		
			3/8	0.03		
			7/16	0.04		
			1/2	0.04		
			9/16	0.05		
			5/8	0.05		
			3/4	0.06		
			7/8	0.08		
			1	0.09		
			1-1/4	0.11		
			3/16	0.04		
-093-0187	3/32	.0941/.0939	1/4	0.05		
			5/16	0.06		
			3/8	0.07		
			7/16	0.08		
			1/2	0.10		
			5/8	0.12		
			3/4	0.15		
			7/8	0.17		
			1	0.19		
			1-1/4	0.24		
			1-1/2	0.29		
			3/16	0.07		
			1/4	0.09		
			5/16	0.11		
-125-0187	1/8	.1253/.1251	3/8	0.13		
			7/16	0.16		
			1/2	0.17		
			9/16	0.20		
			5/8	0.22		
			3/4	0.26		
			7/8	0.30		
			1	0.35		
			1-1/8	0.40		
			1-1/4	0.44		
			1-3/8	0.48		
			1-1/2	0.52		
			1-3/4	0.61		
			2	0.70		

ALLOY STEEL HRC 60 MIN

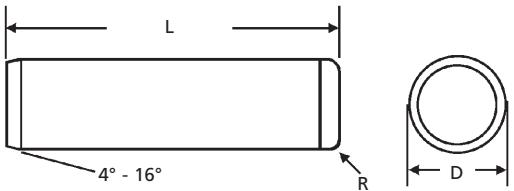
DOW	DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
	A cylindrical solid pin with a chamfered end for easy insertion. Dowel pins are commonly used to retain parts in a fixed position or to preserve alignment.	 COMMON	<ol style="list-style-type: none"> <li>Verify solid pin with proper end designs.</li> <li>Measure diameter (D).</li> <li>Measure length (L).</li> <li>Find the part in the chart above.</li> </ol> <p><b>TYPICAL PART NUMBER SEQUENCE:</b> <b>DOW-062-1000</b> is a 1/6" x 1" alloy steel dowel pin.</p>	

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

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**STANDARD**

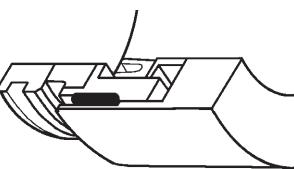
## MANUFACTURER CROSS-REFERENCE

ITW/Bee-Leitzke	201	Brighton-Best	24
Hobbs		ASME	B18.8.2



<b>DOW</b>	<b>Nominal (D)</b>	<b>Length (L)</b>	<b>MATERIAL</b>			
			<b>WEIGHT</b>	<b>Alloy Steel "DOW-"</b>	<b>300 Stainless "DOWS3-"</b>	<b>416 Stainless "DOWS-"</b>
-156-0375	5/32	.1565/.1563	<b>3/8</b>	0.24		
			<b>1/2</b>	0.29		
			<b>5/8</b>	0.34		
			<b>3/4</b>	0.49		
			<b>7/8</b>	0.54		
			<b>1</b>	0.58		
			<b>1-1/4</b>	0.73		
			<b>1-1/2</b>	0.87		
			<b>5/16</b>	0.26		
			<b>3/8</b>	0.28		
-187-0312	3/16	.1878/.1876	<b>7/16</b>	0.34		
			<b>1/2</b>	0.39		
			<b>5/8</b>	0.49		
			<b>3/4</b>	0.59		
			<b>7/8</b>	0.69		
			<b>1</b>	0.78		
			<b>1-1/8</b>	0.88		
			<b>1-1/4</b>	0.98		
			<b>1-3/8</b>	1.07		
			<b>1-1/2</b>	1.17		
			<b>1-3/4</b>	1.37		
			<b>2</b>	1.57		
			<b>3/8</b>	0.55		
			<b>7/16</b>	0.63		
-250-0375	1/4	.2503/.2501	<b>1/2</b>	0.70		
			<b>5/8</b>	0.87		
			<b>3/4</b>	1.04		
			<b>7/8</b>	1.22		
			<b>1</b>	1.39		
			<b>1-1/8</b>	1.64		
			<b>1-1/4</b>	1.74		
			<b>1-3/8</b>	2.01		
			<b>1-1/2</b>	2.09		
			<b>1-3/4</b>	2.43		
			<b>2</b>	2.78		
			<b>2-1/4</b>	3.13		
			<b>2-1/2</b>	3.48		
			<b>1/2</b>	1.09		
-312-0500	5/16	.3128/.3126	<b>5/8</b>	1.36		
			<b>3/4</b>	1.63		
			<b>7/8</b>	1.90		

ALLOY STEEL HRC 60 MIN

<b>DOW</b>	<b>DESCRIPTION</b>	<b>GENERAL USE</b>	<b>HOW TO IDENTIFY</b>	<b>APPLICATION</b>
	<b>STANDARD</b>	<b>COMMON</b>	<b>TYPICAL PART NUMBER SEQUENCE: DOWS-250-2000</b>	 Transmitting torque in a seal.
A cylindrical solid pin with a chamfered end for easy insertion. Dowel pins are commonly used to retain parts in a fixed position or to preserve alignment.			1. Verify solid pin with proper end designs. 2. Measure diameter (D). 3. Measure length (L). 4. Find the part in the chart above.	

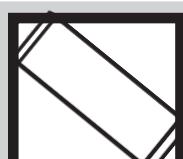
PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

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# DOWEL PINS

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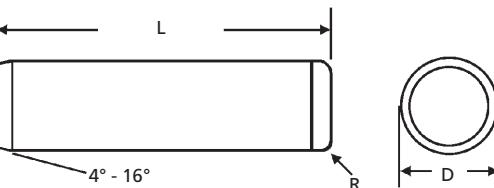


## STANDARD

### MANUFACTURER CROSS-REFERENCE

ITW/Bee-Leitzke	201	Brighton-Best	24
Hobbs		ASME	B18.8.2

### PRECISION GROUND



DOW	Nominal (D)		Length (L)	WEIGHT	MATERIAL		
	DIAMETER	LENGTH			Alloy Steel "DOW-"	300 Stainless "DOWS3-"	416 Stainless "DOWS-"
-312-1000	5/16	.3128/.3126	1	2.17			
-312-1125			1-1/8	2.45			
-312-1250			1-1/4	2.72			
-312-1375			1-3/8	3.12			
-312-1500			1-1/2	3.26			
-312-1750			1-3/4	3.80			
-312-2000			2	4.35			
-312-2250			2-1/4	4.89			
-312-2500			2-1/2	5.43			
-312-2750			2-3/4	6.10			
-312-3000			3	6.52			
-375-0500	3/8	.3753/.3751	1/2	1.56			
-375-0625			5/8	1.96			
-375-0750			3/4	2.35			
-375-0875			7/8	2.74			
-375-1000			1	3.14			
-375-1250			1-1/4	3.92			
-375-1375			1-3/8	4.31			
-375-1500			1-1/2	4.69			
-375-1750			1-3/4	5.48			
-375-2000			2	6.26			
-375-2250			2-1/4	7.04			
-375-2500			2-1/2	7.82			
-375-2750			2-3/4	8.61			
-375-3000			3	9.39			
-437-0750	7/16	.4378/.4376	3/4	3.20			
-437-0875			7/8	3.73			
-437-1000			1	4.26			
-437-1250			1-1/4	5.32			
-437-1500			1-1/2	6.39			
-437-1750			1-3/4	7.45			
-437-2000			2	8.52			
-437-2250			2-1/4	10.01			
-437-2500			2-1/2	10.65			
-437-3000			3	12.70			
-500-0750	1/2	.5003/.5001	3/4	4.17			
-500-0875			7/8	5.10			
-500-1000			1	5.56			
-500-1250			1-1/4	6.95			
-500-1500			1-1/2	8.34			
-500-1750			1-3/4	9.73			

ALLOY STEEL HRC 60 MIN

DOW	DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION	
				COMMON	TYPICAL PART NUMBER SEQUENCE: <b>DOW-312-3000</b> is a 5/16" x 3" alloy steel dowel pin.
STANDARD	A cylindrical solid pin with a chamfered end for easy insertion. Dowel pins are commonly used to retain parts in a fixed position or to preserve alignment.		<ol style="list-style-type: none"> <li>Verify solid pin with proper end designs.</li> <li>Measure diameter (D).</li> <li>Measure length (L).</li> <li>Find the part in the chart above.</li> </ol>	As a holding device.	

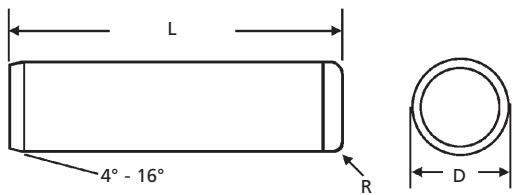
PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

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**PRECISION GROUND**

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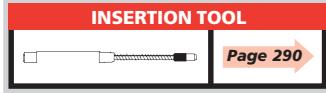

**STANDARD**
**MANUFACTURER CROSS-REFERENCE**

ITW/Bee-Leitzke	201	Brighton-Best	24
Hobbs		ASME	B18.8.2



<b>DOW</b>	<b>Nominal (D)</b>	<b>Length (L)</b>	<b>WEIGHT</b>	<b>MATERIAL</b>		
	<b>DIAMETER</b>	<b>LENGTH</b>	<b>Lbs. per 100 Pieces</b>	<b>Alloy Steel "DOW-"</b>	<b>300 Stainless "DOWS3-"</b>	<b>416 Stainless "DOWS-"</b>
-500-2000	<b>1/2</b>	.5003/.5001	2	11.13		
-500-2250			2-1/4	12.52		
-500-2500			2-1/2	13.91		
-500-2750			2-3/4	15.30		
-500-3000			3	16.69		
-500-3500			3-1/2	19.57		
-500-4000			4	22.25		
-625-1000			1	8.69		
-625-1250			1-1/4	10.87		
-625-1500			1-1/2	13.04		
-625-1750			1-3/4	15.21		
-625-2000			2	17.38		
-625-2250			2-1/4	19.56		
-625-2500			2-1/2	21.73		
-625-3000	<b>5/8</b>	.6253/.6251	3	26.08		
-625-3500			3-1/2	30.42		
-625-4000			4	34.77		
-625-4500			4-1/2	39.11		
-625-5000			5	43.46		
-750-1500			1-1/2	18.75		
-750-1750			1-3/4	21.88		
-750-2000			2	25.03		
-750-2250			2-1/4	28.13		
-750-2500			2-1/2	31.29		
-750-3000			3	37.55		
-750-3500			3-1/2	43.81		
-750-4000			4	50.06		
-750-4500			4-1/2	56.22		
-750-5000			5	62.58		
-750-6000			6	75.09		
-875-2000	<b>7/8</b>	.8753/.8751	2	35.20		
-875-2250			2-1/4	44.00		
-875-2500			2-1/2	48.00		
-875-3000			3	53.20		
-875-3500			3-1/2	60.00		
-875-4000			4	69.00		
-875-4500			4-1/2	79.00		
-875-5000			5	88.00		
-875-6000			6	104.00		
-1000-2000			2	45.20		
-1000-2500			2-1/2	56.00		
-1000-3000			3	67.20		
-1000-3500			3-1/2	79.20		
-1000-4000			4	92.00		
-1000-4500			4-1/2	102.00		
-1000-5000			5	113.00		
-1000-6000			6	135.00		
1	1.0003/1.0001		2	45.20		
2			2-1/2	56.00		
3			3	67.20		
3-1/2			3-1/2	79.20		
4			4	92.00		
4-1/2			4-1/2	102.00		
5			5	113.00		
6			6	135.00		

ALLOY STEEL HRC 60 MIN


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