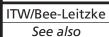
**CLEVIS PINS** 

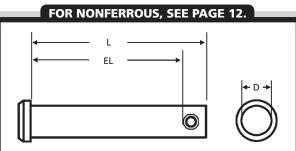
785'392'3017 FAX 785.392.2845

REVISED 06-04 www.huyett.com



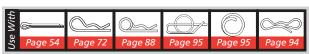


11 MS20392 Pivot Point CP



			0 1115120																									
CLD	Nomina	ı	Length	Effectiv		WEIGHT		MATERIA	L	Use With																		
CLP	(D)		(L)	Length		Lbs. per	Plain	Zinc Clear	Zinc Yellow																			
	DIAMETE	E <b>R</b>	LENGTH	(EL)		100 Pieces	"CLP-"	"CLPZ-"	"CLPY-"	A.																		
-0187-0500			1/2	.359		0.56				BP-223																		
-0187-0593			19/32	.453		0.59																						
-0187-0625			5/8	.484		0.62																						
-0187-0750			3/4	.609		0.69																						
-0187-0875		98	7/8	.734	1	0.81																						
-0187-1000	3/16	81/.18	1	.859		0.88				BP-223																		
-0187-1250	<i>31</i> 10	81	1-1/4	1.109	1	1.06				J. 223																		
-0187-1500		·-	1-1/2	1.359	1	1.31																						
-0187-1750			1-3/4	1.609	1	1.50																						
-0187-2000			2	1.859		1.69																						
-0187-2500			2-1/2	2.359		2.06																						
-0187-3000			3	2.859	-	2.50		<b>X</b> ////////////////////////////////////																				
-0250-0500			1/2	.359	1	0.94																						
-0250-0625			5/8	.484	-	1.13																						
-0250-0750			3/4	.609		1.38																						
-0250-0796					51/64	.656		1.44																				
-0250-0875																								7/8 1	.734	9	1.50	
-0250-1000				.859 .984	8	1.69																						
-0250-1125 -0250-1250			1-1/8 1-1/4	1.109	6	1.81 2.00																						
-0250-1250			1-1/4	1.109	+.020/000	2.19																						
-0250-1573			1-3/6	1.359	+	2.19																						
-0250-1500					1-5/8	1.484		2.50																				
-0250-1025		00	1-3/4	1.609	1	2.69																						
-0250-1730	4/4	24	1-7/8	1.734		2.81																						
-0250-2000	1/4	243/.248	2	1.859	1	3.00				BP-213																		
-0250-2125		.24	2-1/8	1.984	1	3.19																						
-0250-2250			2-1/4	2.109		3.31																						
-0250-2375			2-3/8	2.234		3.50																						
-0250-2437			2-7/16	2.296		3.63																						
-0250-2500			2-1/2	2.359		3.69																						
-0250-2625			2-5/8	2.484		3.80																						
-0250-2750			2-3/4	2.609	1	4.00																						
-0250-3000			3	2.859	1	4.50																						
-0250-3250			3-1/4	3.109		4.75																						
-0250-3500			3-1/2	3.359		5.00																						
-0250-4000			4	3.859		5.88																						
-0250-5000			5	4.859		7.00																						

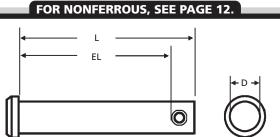








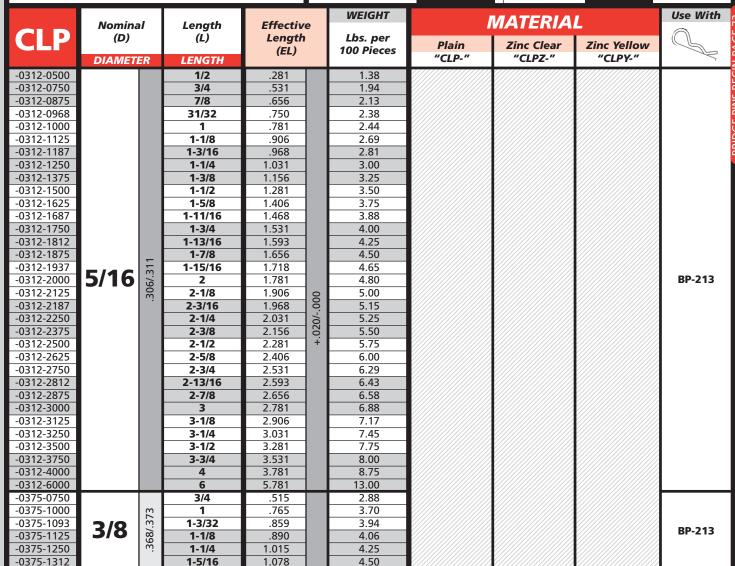




## CORNPICKER

MANUFACTURER CROSS-REFERENCE ITW/Bee-Leitzke

CP 11 **Pivot Point** See also MS20392

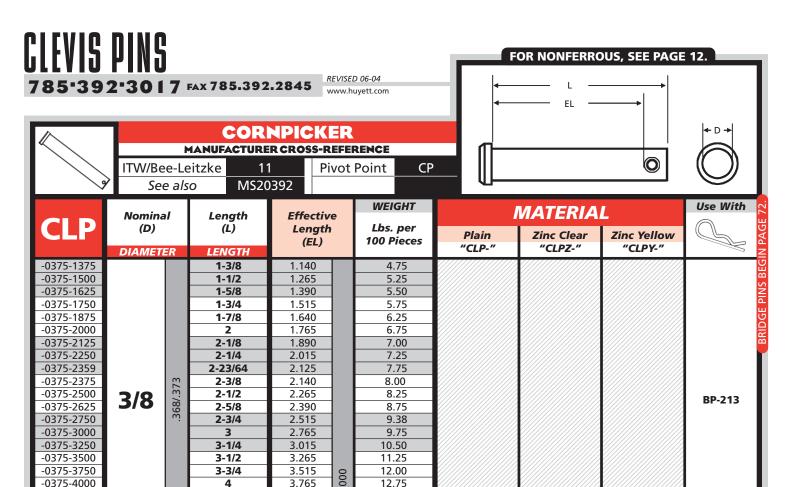


#### **DESCRIPTION GENERAL USE HOW TO IDENTIFY** APPLICATION Verify flat head pin with hole at 1. Solid pin with standard flat head that secures with a wire formed pin opposite end. Measure diameter (D). 2. through a hole drilled in the Confirm effective length (EL) and length (L). opposite end. Clevis pins are used Hook connector. Find the part in the chart above. as a quick and secure fastener in place of bolts and rivets. TYPICAL PART NUMBER SEQUENCE: CLPZ-0187-0750 COMMON CORNPICKER is a 3/16" x 3/4" zinc clear clevis pin. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION. PERFORMANCE RESUL









14.25

15.75

17.25

19.25

5.25

6.50

6.50

7.25

7.75

8.25

9.25

10.25

10.75

11.25

12.00

12.50

13.00

15.50

17.00

	DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION							
CLP	Solid pin with standard flat head that secures with a wire formed pin through a hole drilled in the opposite end. Clevis pins are used as a quick and secure fastener in	••	<ol> <li>Verify flat head pin with hole at opposite end.</li> <li>Measure diameter (D).</li> <li>Confirm effective length (EL) and length (L).</li> <li>Find the part in the chart above.</li> </ol>								
	place of bolts and rivets.	COMMON	TYPICAL PART NUMBER SEQUENCE: CLPZ-0187-0750	As a swiveling hitch.							
	CORNPICKER  is a 3/16" x 3/4" zinc clear clevis pin.  PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.										



4-1/2

5

5-1/2

6-1/8

1

1-15/64

1-1/4

1-1/2

1-5/8

1-3/4

2

2-1/4

2-3/8

2-1/2

2-5/8

2-3/4

3

3-1/2

4

4.265

4.765

5.265

5.890

.765

1.000

1.015

1.265

1.390

1.515

1.765

2.015

2.140

2.265

2.390

2.515

2.765

3.265

3.765





**BP-211** 

-0375-4500

-0375-5000

-0375-5500

-0375-6125

-0437-1000

-0437-1234

-0437-1250

-0437-1500

-0437-1625

-0437-1750

-0437-2000

-0437-2250

-0437-2375

-0437-2500

-0437-2625

-0437-2750

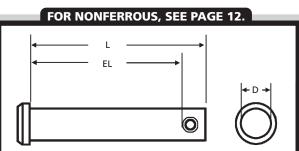
-0437-3000

-0437-3500

-0437-4000

7/16





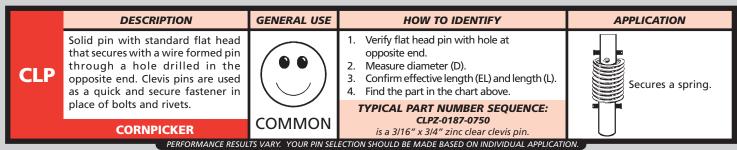
# CORNPICKER MANUFACTURER CROSS-REFERENCE

ITW/Bee-Leitzke11See alsoMS20392

Pivot Point CP



						Jee also	101320332							
CLD	Nominal Length				Effective WEIGHT			MATERIAL						
CLP	(D)		(L)	Length (EL)	)	Lbs. per 100 Pieces	Plain	Zinc Clear	Zinc Yellow					
	DIAMETE	ER .	LENGTH	(EL)		700 Tieces	"CLP-"	"CLPZ-"	"CLPY-"	V				
-0500-1000			1	.765		6.75								
-0500-1250			1-1/4	1.015		8.00								
0500-1375			1-3/8	1.140		8.68								
0500-1421			1-27/64	1.187		9.00								
0500-1500			1-1/2	1.265		9.50								
0500-1750			1-3/4	1.515		10.75								
0500-2000		9	2	1.765		12.00								
0500-2250	1/2	.49	2-1/4	2.015		13.25				DD 244				
0500-2500	1/2	491/.496	2-1/2	2.265		14.75				BP-211				
0500-2625		.49	2-5/8	2.390		15.25								
0500-2750			2-3/4	2.515		16.00								
0500-3000			3	2.765 3.265		17.25								
0500-3500 0500-4000			3-1/2			20.00								
0500-4000			4 4-1/2	3.765 4.265		22.50 25.25								
0500-4500			4- 1/2 5	4.265		28.00								
0500-5000			6	5.765		33.75								
0562-2000		~	2	1.765		15.63								
0562-2500		558	2-1/2	2.265	l g	19.38								
0562-3000	9/16	553/.558	553/.5	553/.!	553/	553/.	3	2.765	\ <u>\</u>	22.50				BP-211
0562-4000							553	4	1.765 2.265 2.765 3.765 1.015	29.37				
0625-1250			1-1/4	1.015	+	13.75								
0625-1500			1-1/2	1.265		16.00								
0625-1750			1-3/4	1.515		18.13								
0625-2000			2	1.765		20.00								
0625-2250			2-1/4	2.015		23.75								
0625-2500		521	2-1/2	2.265		24.38								
0625-3000	5/8	6/.62	3	2.765		28.13				BP-211				
0625-3500	3/0	616	3-1/2	3.265		32.50								
0625-4000		Ů.	4	3.765		35.63								
0625-4500			4-1/2	4.265		40.42								
0625-5000			5	4.765		45.21								
0625-5500			5-1/2	5.265		50.00								
0625-6000			6	5.765		52.50								
0750-2000			2	1.765		28.75								
0750-2500		746	2-1/2	2.265		35.00								
0750-2750	3/4	1/.7	2-3/4	2.515		38.13				BP-211				
0750-3000		741/.746	3	2.765		42.00								
-0750-3500			3-1/2	3.265		47.50								









**CLEVIS PINS** 

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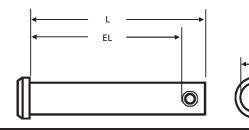




## CORNPICKER

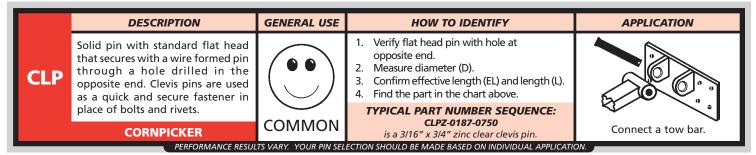
MANUFACTURER CROSS-REFERENCE

ITW/Bee-Leitzke See also 11 MS20392 Pivot Point CP



**FOR NONFERROUS, SEE PAGE 12.** 

	_									
	Nomina	a/	Length	Effectiv	re	WEIGHT		MATERIAL		
CLP	(D)		(L)	Length (EL)	)	Lbs. per 100 Pieces	Plain	Zinc Clear	Zinc Yellow	
	DIAMET	ER	LENGTH				"CLP-"	"CLPZ-"	"CLPY-"	~
-0750-3750			3-3/4	3.515		50.63				
-0750-4000		ပ	4	3.765		53.75				1
-0750-4500	2/4	741/.746	4-1/2	4.265		60.00				1
-0750-5000	3/4	11/.	5	4.765		65.25				BP-211
-0750-5500		.74	5-1/2	5.265		72.65				
-0750-6000			6	5.765		78.80				1
-0750-6500			6-1/2	6.265		85.00				
-0875-2000			2	1.703	-	38.13				1
-0875-2500			2-1/2	2.203	-	47.50				1
-0875-2750		_	2-3/4	2.453		52.50				1
-0875-3000	7/0	.87	3	2.703		55.25				
-0875-3500	7/8	866/.871	3-1/2 4	3.203		65.63				BP-210
-0875-4000 -0875-4500		∞.	4 4-1/2	3.703 4.203	-	73.75 82.13				1
-0875-4500				4.203	-	90.50				1
-0875-6000			5 6	5.703	1	105.25				1
-1000-2000			2	1.703	1	53.00				
-1000-2000			2-1/4	1.953	9	58.75				
-1000-2500			2-1/2	2.203	8	63.00				
-1000-2500			2-5/8	2.312	6	67.50				
-1000-2750			2-3/4	2.453	+.020/000	70.00				
-1000-3000			3	2.703	+	75.63				1
-1000-3250		9	3-1/4	2.953	1	81.00				
-1000-3500		991/.996	3-1/2	3.203		86.88				
-1000-4000	Ĭ.	91/	4	3.703	1	97.50				BP-210
-1000-4500		9.	4-1/2	4.203	1	108.12				1
-1000-5000			5	4.703	1	119.69				1
-1000-5500			5-1/2	5.203		130.78				1
-1000-6000			6	5.703		141.88				1
-1000-7000			7	6.703		165.35				1
-1000-8000			8	7.703		188.82				1
-1000-9000			9	8.703		212.31				
-1125-3000		-6	3	2.375		100.00				
-1125-4000		05/1.125	4	3.375		130.00				1
-1125-5000	1-1/8	1.	5	4.375		160.00				BP-208
-1125-6000	1- 1/0	05,	6	5.375		190.00				DF-208
-1125-8000		1.1	8	7.375		250.00				1
-1125-9000		,	9	8.375		280.00				1

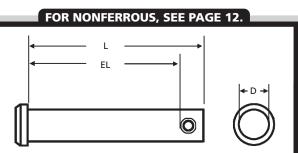












## CORNPICKER

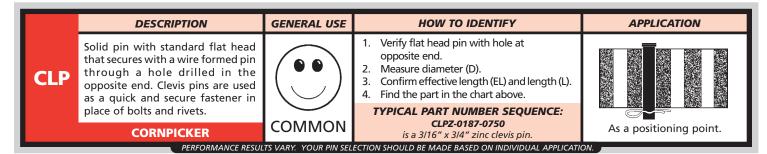
MANUFACTURER CROSS-REFERENCE

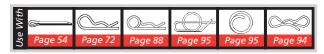
ITW/Bee-Leitzke 11
See also MS20392

Pivot Point
0392

СР

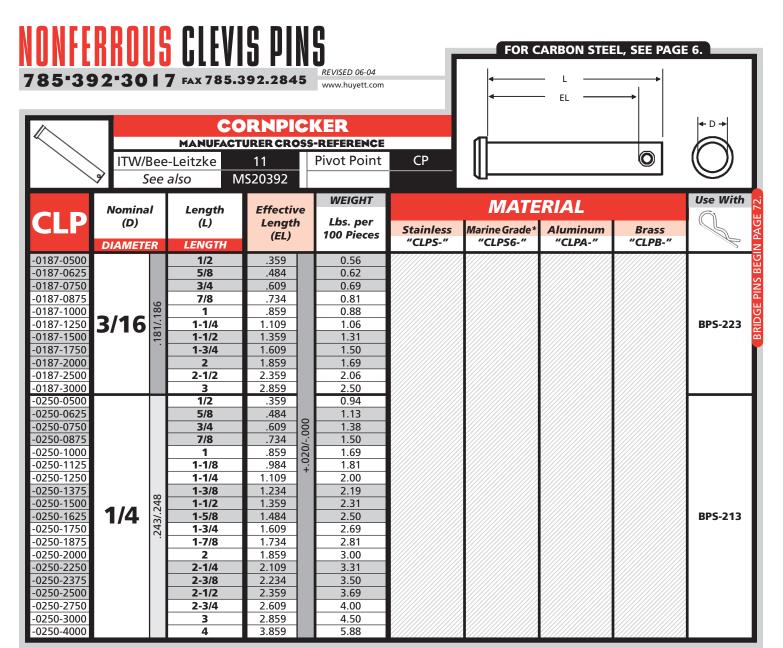
						Jee also	101320332			•
CLP	Nominal (D)			Effectiv Length		WEIGHT Lbs. per		MATERIA		Use With
CLP	(-)		(-/	(EL)	•	100 Pieces	Plain	Zinc Clear	Zinc Yellow	
	DIAMETE	R	LENGTH	. ,			"CLP-"	"CLPZ-"	"CLPY-"	100
-1250-3000		0	3	2.375		118.00				
-1250-4000		250	4	3.375		158.00				
-1250-5000	1-1/4	•	5	4.375		198.00				BP-208
-1250-6000	• - •/	30/1	6	5.375		238.00				D. 200
-1250-8000		1.2	8	7.375		318.00				
-1250-9000			9	8.375		358.00				
-1375-3000		75	3	2.375		175.00				1
-1375-4000		1.37	4	3.375		225.00				
-1375-5000	1-3/8	5/1	5	4.375		275.00				BP-235
-1375-6000		.35	6	5.375		325.00				
-1375-9000		<del>-</del>	9	8.375		450.00				
-1500-3000		500	3	2.375		200.00				
-1500-4000			4	3.375		250.00				
-1500-5000	1-1/2	480/1	5	4.375	1	300.00				BP-235
-1500-6000		8	6	5.375		350.00				
-1500-9000		_	9	8.375		500.00				
-1625-3000		625	3	2.375	+.020/000	240.00				
-1625-4000			4	3.375	-	300.00				
-1625-5000	1-5/8	605/1	5	4.375	)20	360.00				CP-0250-2250
-1625-6000	- 0,0	9.	6	5.375	+	420.00				
-1625-9000		_	9	8.375		600.00				
-1750-3000		50	3	2.375		285.00				
-1750-4000	4 3/4	1.7	4	3.375		365.00				
-1750-5000	1-3/4	30/1	5	4.375		435.00				CP-0250-2500
-1750-6000		.73	6	5.375		505.00				
-1750-9000		_	9	8.375		715.00				
-1875-3000		875	3	2.375		280.00				
-1875-4000			4	3.375		360.00				
-1875-5000	1-7/8	22/1	5	4.375		430.00				CP-0250-2500
-1875-6000		1.85	6	5.375		500.00				
-1875-9000		_	9	8.375		710.00				
-2000-3000		00	3	2.375		360.00				
-2000-4000	_	2.0	4	3.375		460.00				
-2000-5000	2	980/2.000	5	4.375		550.00				CP-0250-3000
-2000-6000		98	6	5.375		640.00				1
-2000-9000		—	9	8.375		910.00				



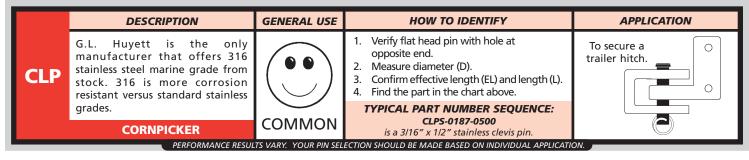


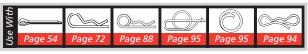






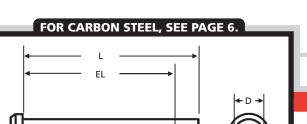
\* 316 Stainless Steel











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BOX 232 • MINNEAPOLIS, KS • 67467



## CORNPICKER

MANUFACTURER CROSS-REFERENCE

ITW/Bee-Leitzke 11

Pivot Point

СР



_										
CLP	Nominal (D) DIAMETER	Length (L) LENGTH	Effective Length (EL)	•	WEIGHT Lbs. per 100 Pieces	Stainless "CLPS-"	Marine Grade* "CLPS6-"	RIAL Aluminum "CLPA-"	Brass "CLPB-"	Use With
-0312-0500 -0312-0750 -0312-0875 -0312-1000 -0312-1125 -0312-1250 -0312-1500 -0312-1625 -0312-1750 -0312-1812 -0312-1875 -0312-2000 -0312-2250 -0312-2250 -0312-2500 -0312-2500 -0312-2500	311	1/2 3/4 7/8 1 1-1/8 1-1/4 1-3/8 1-1/2 1-5/8 1-3/4 1-13/16 1-7/8 2 2-1/8 2-1/4 2-3/8 2-1/2 2-5/8	2.281	+.020/000	1.38 1.94 2.13 2.44 2.69 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.80 5.00 5.25 5.50 5.75 6.00		CLISC			BPS-213
-0312-2750 -0312-2875 -0312-3000 -0312-3125 -0312-3250 -0312-3500 -0312-4000 -0375-0750 -0375-1000 -0375-1125 -0375-1250 -0375-1312	3/8	2-3/4 2-7/8 3 3-1/8 3-1/4 3-1/2 4 3/4 1 1-1/8 1-1/4 1-5/16	2.531 2.656 2.781 2.906 3.031 3.281 3.781 .515 .765 .890 1.015 1.078		6.29 6.58 6.88 7.17 7.45 7.75 8.75 2.88 3.70 4.06 4.25 4.50					BPS-213

\* 316 Stainless Steel

CLP ss

G.L. Huyett is the only manufacturer that offers 316 stainless steel marine grade from stock. 316 is more corrosion resistant versus standard stainless grades.

**DESCRIPTION** 

COMMON

**GENERAL USE** 

1. Verify flat head pin with hole at opposite end.

- Measure diameter (D).
- 3. Confirm effective length (EL) and length (L).

**HOW TO IDENTIFY** 

4. Find the part in the chart above.

TYPICAL PART NUMBER SEQUENCE: CLPS6-0312-0500 To fasten a lid.

**APPLICATION** 

CORNPICKER

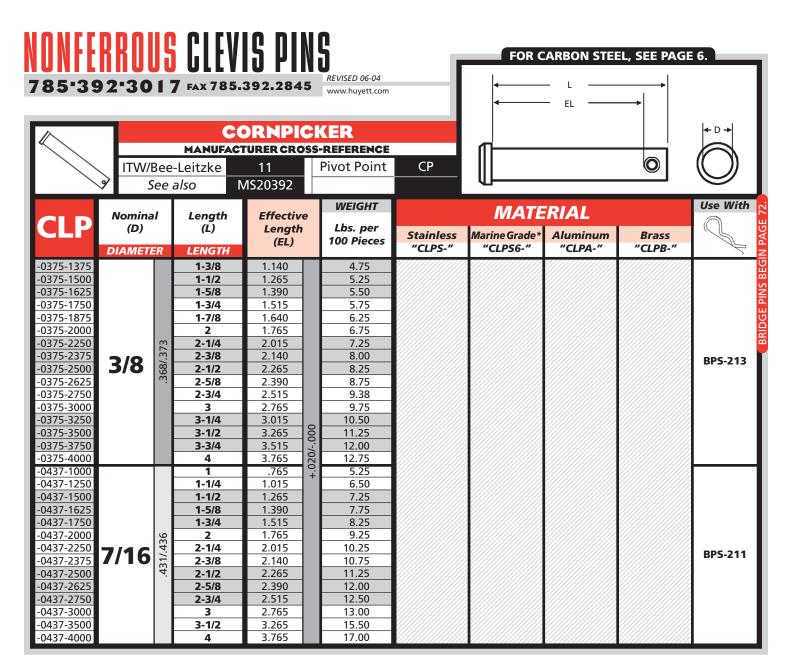
is a 5/16" x 3/4" marine grade 316 stainless clevis pin.

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

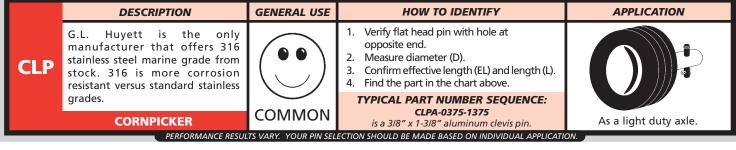








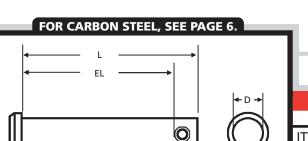
\* 316 Stainless Steel











BOX 232 • MINNEAPOLIS, KS • 67467



## CORNPICKER

MANUFACTURER CROSS-REFERENCE

11

ITW/Bee-Leitzke

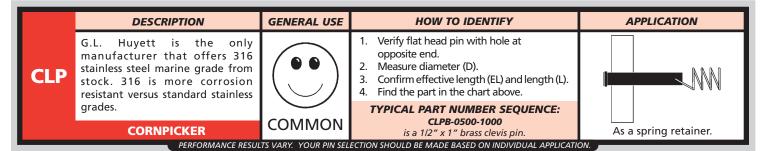
Pivot Point

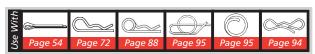
СР



										•
CLP	Nomina (D)		Length (L)	Effective Length (EL)	_	WEIGHT Lbs. per 100 Pieces	Stainless "CLPS-"	Marine Grade*	Brass "CLPB-"	Use With
-0500-1000			1	.765		6.75				
-0500-1250			1-1/4	1.015		8.00				L
-0500-1375			1-3/8	1.140		8.70				9
-0500-1500			1-1/2	1.265		9.50				
-0500-1750			1-3/4	1.515		10.75				L
-0500-2000		96	2	1.765		12.00				9
-0500-2250	1/2	491/.496	2-1/4	2.015		13.25				BPS-211
-0500-2500	1/2	91/	2-1/2	2.265		14.75				DF 3-2 1 1
-0500-2750		4.	2-3/4	2.515		16.00				
-0500-3000			3	2.765		17.25				
-0500-3500			3-1/2	3.265		20.00				
-0500-4000			4	3.765		22.50				
-0500-4500			4-1/2	4.265		25.25				
-0500-5000			5	4.765	000	28.00				
-0625-1500			1-1/2	1.265		16.00				
-0625-1750		_	1-3/4	1.515	.020/	18.13				
-0625-2000	- 10	616/.621	2	1.765	+	20.00				
-0625-2250	5/8	9/.	2-1/4	2.015		23.75				BPS-211
-0625-2500		.61	2-1/2	2.265		24.38				
-0625-3000			3	2.765		28.13				
-0625-3500		_	3-1/2	3.265		32.50				
-0750-2000			2	1.765		28.75				
-0750-2500			2-1/2	2.265		35.00				
-0750-2750		بو	2-3/4	2.515		38.13				
-0750-3000	2/4	.74	3 1/2	2.765		42.00				<sub>BDC 244</sub>
-0750-3500	3/4	741/.746	3-1/2	3.265		47.50				BPS-211
-0750-3750 -0750-4000		7.	3-3/4 4	3.515 3.765		50.63 53.75				
-0750-4000			4-1/2	4.265		60.00				
-0750-4500			4-1/2 5	4.265 4.765		65.25				
-0/50-5000			5	4./65		05.25			///////////////////////////////////////	

\* 316 Stainless Steel





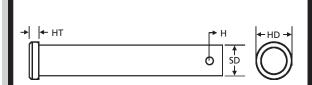




#### **ADDITIONAL TECHNICAL DATA**

BOX 232 • MINNEAPOLIS, KS • 67467





### **CORNPICKER PINS**

MANUFACTURER CROSS-REFERENCE

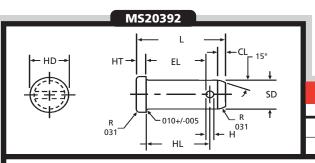
ITW/Bee-Leitzke 11 Pivot Point CP



Nominal Diameter	Hole Size* (H)	Head Diameter (HD)	Head Thickness (HT)	Shank Diameter (SD)
3/16"	3/32"	.320/.302	.070/.052	.186/.181
1/4"	3/32"	.380/.365	.100/.084	.248/.243
5/16"**	9/64"	.440/.428	.100/.084	.311/.306
3/8"	5/32"	.510/.490	.130/.115	.373/.368
7/16"	5/32"	.570/.552	.160/.146	.436/.431
1/2"	5/32"	.630/.615	.160/.146	.496/.491
9/16"	5/32"	.820/.802	.210/.193	.558/.553
5/8"	5/32"	.820/.802	.210/.193	.621/.616
3/4"	5/32"	.940/.928	.260/.240	.746/.741
7/8"	13/64"	1.040/1.020	.320/.302	.871/.866
1"	13/64"	1.190/1.178	.350/.334	.996/.991
1-1/8"	1/4"	1.395/1.355	.402/.320	1.125/1.105
1-1/4"	1/4"	1.500/1.355	.402/.320	1.250/1.230
1-3/8"	1/4"	1.770/1.730	.527/.437	1.375/1.355
1-1/2"	1/4"	2.020/1.980	.590/.500	1.500/1.480
1-5/8″	1/4"	2.020/1.980	.590/.500	1.625/1.605
1-3/4"	1/4"	2.270/2.230	.590/.500	1.750/1.730
1-7/8″	1/4"	2.270/2.230	.590/.500	1.875/1.855
2"	1/4"	2.395/2.355	.590/.500	2.000/1.980

<sup>\*</sup> Holes chamfered or burr free

<sup>\*\*</sup> New hole size



## **KEY HIGHLIGHTS OF MS20392**

#### MANUFACTURER CROSS-REFERENCE

**Pivot Point** 



#### MATERIAL (Please Specify)

STEEL ALLOY: UNS G40370 (ANSI 4037) per AMS6300 or UNSG41300 (ANSI 4130) per MIL-S-6758 or UNS 86300 (ANSI 8630) per

MIL-S-6050 or UNS G87400 (ANSI 8740) per MIL-S-6049

CORROSION RESISTANT STEEL: (CRES) (PH13-BMO) - UNS S13800 9AISI 13800 per AMS 5629

TITANIUM ALLOY: (TI-6A1-4V) - UNS R56400 per MIL-T-9047

#### **FINISH**

STEEL ALLOY: Cadmium plated in accordance with QQ-P-416, TYPE II, CLASS 2

CORROSION RESISTANT STEEL: Chrome plated in accordance with QQ-C-320, CLASS 2 (002-004) or cleaned, descaled and passivated in accordance with QQ-P-35

TITANIUM ALLOY: Aluminum coated in accordance with MIL-C-83488, CLASS 3, and lubricated with solid film lubricant in accordance with MIL-L-46010 TYPE I, or no finish.

#### MATERIAL AND FINISH CODE

C= Steel alloy,4037 4130 8630 or 8740 cadmium plated • S= Steel alloy 8740 cadmium plated • R= Corrosion resistant steel PH13 8Mo chrome plated • P= Corrosion resistant steelPH13 8Mo chrome plated cleaned descaled and passivated • A= Titanium alloy Ti-681-4V, aluminum coated and lubricated with solid film lubricant • T=Titanium alloy, Ti-681-4V, no finish.

MINIMUM DOUBLE SHEAR STRENGTH IS ALSO CALLED OUT. IF YOU DON'T LIKE IT, CALL YOUR CONGRESSMAN.

CALL FOR PRICING AND AVAILABILITY.