

Components that make your products work

## Configurable Leg Levelers

Simply select your specs for both cap and stud dimensions and you're all set. We'll manufacture top level components to fit your requirements.

### CAP DIMENSIONS

Cap Part #	Shape	Width	Height	Material Thickness
CAP-25-A	hex	0.937	0.187	0.039
CAP-1W-A	hex	1.062	0.180	0.039
CAP-30-A	hex	1.250	0.250	0.044
CAP-41-A	hex	1.250	0.280	0.091
CAP-9-A	round	1.288	0.179	0.044
CAP-20-A	hex	1.375	0.265	0.044
CAP-22-A	hex	1.375	0.312	0.044
CAP-28-A	hex	1.375	0.312	0.058
CAP-35-A	hex	1.375	0.165	0.078

Material: CRS 1008-1010, Finish: To be defined by customer application

### STUD DIMENSIONS

Stud Part #	THREAD Diameter and Length SIZE	Length After Assembly with Cap
W11139-00	1/4-20	1.290
W11389-00	1/4-20	1.500
W11639-00	1/4-20	1.760
W20512-03	5/16-18	0.512
W21375-00	5/16-18	1.461
W21462-11TH (hex end)	5/16-18	1.570
W21639-00	5/16-18	1.765
W21750-10 (hex end)	5/16-18	1.841
W22020-04H (type 23 slotted)	5/16-18	2.096
W22139-00	5/16-18	2.260
W22540-10 (hex end)	5/16-18	2.540
W31889-00	3/8-16	2.029
W32014-10 (hex end)	3/8-16	2.125
W32139-00	3/8-16	2.290
W32750-00 (hex end)	3/8-16	2.870
W71644-00	1/2-13	1.784
W72144-00	1/2-13	2.270
W72644-00	1/2-13	2.874
W73144-00	1/2-13	3.284

Material: CRS 1010-1022, Finish: To be defined by customer application



Consisting of a Threaded Stud and a Base Cap, there are four elements that come into play when selecting any leg leveler:

1) Stud Length 2) Stud Thread Size & Strength [approx.] 3) Base Cap Size 4) Finish

- 1/4-20 THREAD: 1,750 LBS.
- 5/16-18 THREAD: 2,900 LBS.
- 3/8-16 THREAD: 4,250 LBS.
- 1/2-13 THREAD: 7,800 LBS.







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## Custom Leg Levelers

If the configurable specs don't match your requirements, WCS Industries will help design and manufacture a custom leg leveler for your application.

**WHEN CONSIDERING A CUSTOM DESIGN, YOU'LL NEED TO ANSWER THE FOLLOWING 5 QUESTIONS:**

<p><b>QUESTION #1</b> HEAD STYLE HEX OR ROUND</p> 	<p><b>QUESTION #2</b> HEAD SIZE</p>  <p><b>QUESTION #3</b> THREAD SIZE</p>  <p><b>QUESTION #4</b> OVERALL PART LENGTH</p> 	<p><b>QUESTION #5</b> ADDITIONAL CONSIDERATIONS</p> <ul style="list-style-type: none"> <li>→ MATERIAL</li> <li>→ HEAT TREAT</li> <li>→ PLATING</li> </ul> <p>Standard material is LOW CARBON STEEL Standard plating is ZINC with CLEAR CHROMATE Ask about other available MATERIALS and PLATINGS</p>
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Based on your application requirements we can incorporate a number of features and options, including:

- SINGLE PIECE CONSIDERATION
- ASSEMBLY COMPONENTS
- ADDITIONAL MACHINING

### STUD THREAD SIZE & STRENGTH [APPROX.]

- 1/4-20 THREAD: 1,750 LBS.
- 3/8-16 THREAD: 4,250 LBS.
- 5/16-18 THREAD: 2,900 LBS.
- 1/2-13 THREAD: 7,800 LBS.

### SUPERIOR ENGINEERING AND COLLABORATION

NEW DESIGN DEVELOPMENT • EXISTING DESIGN ENHANCEMENT • EVALUATION AND ANALYSIS

**ENGINEERING:** Our engineers will work with you to determine the best design for your application - before, during, and after production - with validation and APQP review.

Any engineering initiative at WCS Industries is always done with a single purpose in mind:  
**To make your component:**



SMARTER



FASTER



STRONGER



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