

MIDWEST FASTENERS GENERAL SPECIFICATIONS

<i>CAPACITOR DISCHARGE</i>	<i>ARC</i>										
<i>MATERIAL:</i> Standard in low carbon steel, 302/304/305 stainless, and 1100, 6061, and 5000 series aluminum. Brass and other grades of stainless steel are also available.	Standard in low carbon steel and 302/304/305 stainless. Aluminum, monel, inconel, and other grades of stainless steel are available.										
<i>PLATING:</i> Copper plating is standard. Cadmium, nickel, zinc, and other platings are available.	Cadmium to ASTM-A 165 type TS, zinc to ASTM-B 633 (formerly A 164) and other platings are available. Non-weldable plating is removed from the weld end to avoid contamination of the weld.										
<i>ANNEALING:</i> All low carbon steel and stainless steel studs are annealed where required.	Low carbon steel can be annealed to a maximum of 75 Rockwell B and stainless steel to a maximum of 90 Rockwell B.										
<i>THREADS:</i> UNC-2A is standard for external threads prior to plating and UNC-2B for internal threads. For metric and other thread sizes contact the MIDWEST FASTENERS Customer Service Department.											
<i>WELD BASE:</i> Flanged, small-flanged, and non-flanges are available.	1/4" dia. and over have solid flux. Diameters under 1/4" are standard pointed, and flux is optional.										
<i>STUD LENGTH:</i> CD studs have no appreciable length reduction after welding.	MIDWEST FASTENERS arc stud length designations are BEFORE WELD; AFTERWELD lengths are shown in the table below.										
	<table border="1"> <thead> <tr> <th style="text-align: center;"><i>STUD DIAMETER</i></th> <th style="text-align: center;"><i>APPROX. REDUCTION</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3/16" thru 1/2"</td> <td style="text-align: center;">1/8"</td> </tr> <tr> <td style="text-align: center;">5/8" thru 7/8"</td> <td style="text-align: center;">3/16"</td> </tr> <tr> <td style="text-align: center;">7/8" and over</td> <td style="text-align: center;">1/4"</td> </tr> <tr> <td style="text-align: center;">1/8" wide rectangulars</td> <td style="text-align: center;">1/8"</td> </tr> </tbody> </table>	<i>STUD DIAMETER</i>	<i>APPROX. REDUCTION</i>	3/16" thru 1/2"	1/8"	5/8" thru 7/8"	3/16"	7/8" and over	1/4"	1/8" wide rectangulars	1/8"
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FERRULES: Does not apply to CD

All orders include ferrules when they are required.



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