



RESISTANCE WELDING PRODUCTS

- ELECTRODES • HOLDERS • BAR STOCK • SEAM WELDING WHEELS • RINGS
- SPECIAL DIES • SHAFTS • BUSHINGS • CASTINGS
- FORGINGS • ELECTRODE MATERIALS

**Special electrodes, holders and dies for
resistance welding applications**

Continuously serving the resistance Welding Industry since 1929, CMW Inc. is an industry leader in the development, engineering and manufacturing of a variety of products. In addition, CMW offers a diversity of special metals for resistance welding applications. CMW's resistance welding products are engineered to provide the most effective materials commercially available to help achieve top quality welds. Experienced CMW engineers will aid you in the design and production of standard or special parts for your application to insure maximum efficiency from CMW's resistance welding products.

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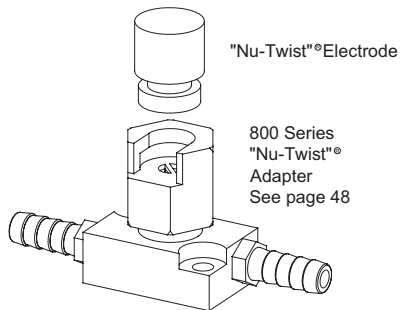


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"NU-TWIST"[®] ELECTRODES

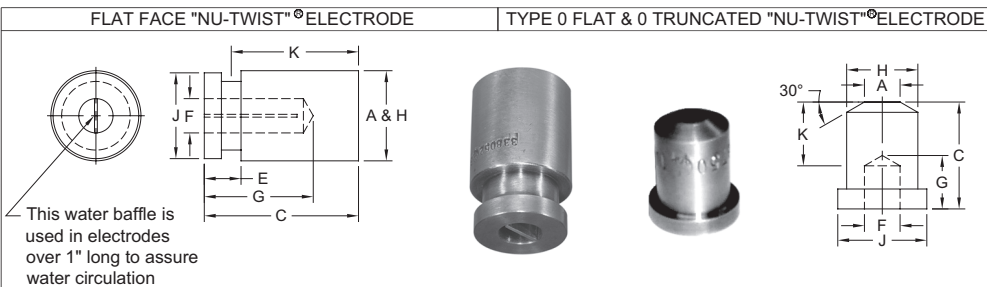


"Nu-Twist"[®] Electrode

800 Series "Nu-Twist"[®] Adapter See page 48

Size	Type	Electrode Part No.		Body Dia. H	Weld Face Dia. A	Overall Length C	Adapter Clearance E	Water Hole Dia. F	Water Hole Depth G	Electrode Seat Dia. J	Elect. Ext. From Adapt. K
		CMW [®] 3	CMW [®] 100								
1	0 Flat	338750	538750	1/2	1/2	3/4	--	1/4	3/8	.625	1/2
		338030	538030	1/2	1/2	1-1/2	--	1/4	1-1/8	.625	1-1/4
1	0 Trunc.	378750	578750	1/2	1/4	3/4	--	1/4	3/8	.625	1/2
		378030	578030	1/2	1/4	1-1/2	--	1/4	1-1/8	.625	1-1/4
1	Flat	338751	538751	5/8	5/8	3/4	5/16	1/4	3/8	.625	1/2
		338031	538031	5/8	5/8	1-1/2	5/16	1/4	1-1/8	.625	1-1/4
2	Flat	338012	538012	1-1/4	1-1/4	1	5/8	1/2	1/2	1.125	1/2
		338052	538052	1-1/4	1-1/4	2	5/8	1/2	1-1/2	1.125	1-1/2
4	Flat	338014	538014	1-3/4	1-3/4	1	5/8	3/4	1/2	1.625	1/2
		338054	538054	1-3/4	1-3/4	2	5/8	3/4	1-1/2	1.625	1-1/2

- No tapers or threads
- Can be extracted with a simple turn of hexagon locking nut
- Any contour in electrode face can be located or relocated in a given position
- Water circulated to end of electrode for maximum cooling
- Silver plated contact surfaces on electrode and base for maximum conductivity
- Provides a simple, low-cost electrode for most applications
- Electrodes shown can be modified with contours to provide faces required for most resistance welding applications



This water baffle is used in electrodes over 1" long to assure water circulation

Special face contours, lengths and diameters available on special order

THREADED SOCKET (OR BUTTON) ELECTRODES

(USE WITH 900 AND 950 SERIES HOLDERS ON PAGE 51)

ALL DIMENSIONS WITH AN (*) ARE COMMON TO EACH CAP IN A HORIZONTAL LINE.

FLAT FACE	TRUNCATED FACE	RADIUS FACE	OFFSET FACE	30° OFFSET FACE
<p>CMW[®]28 18-970 CMW[®]3 18-980 CMW[®]100 18-990</p>	<p>CMW[®]28 18-971 CMW[®]3 18-981 CMW[®]100 18-991</p>	<p>CMW[®]28 18-972 CMW[®]3 18-982 CMW[®]100 18-992</p>	<p>CMW[®]28 18-973 CMW[®]3 18-983 CMW[®]100 18-993</p>	<p>CMW[®]28 18-974 CMW[®]3 18-984 CMW[®]100 18-994</p>

MALE THREADED BUTTON ELECTRODES

CMW shall supply a variety of nose configurations (examples shown below) made to your specifications. These electrodes are available in CMW[®]100, CMW[®]28 and CMW[®]3 materials to meet your various applications. Threads in both Unified (inch) or metric sizes can be supplied.

