



**DOUBLE BEND ELECTRODES,  
DOME NOSE, "B" NOSE**

**FEATURES AND SPECIFICATIONS**

**Features and Benefits**

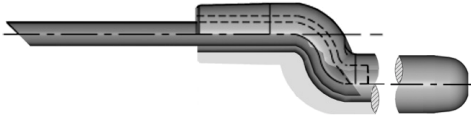
- Bent electrodes are for hard to reach locations
- "Dome" Nose good for most applications
- Available in CMW®28, CMW®3, or CMW®100 material
- Long lasting, heavy duty electrode
- Can be used in many job shop applications
- Works with all industry standard holders
- Can be redressed many times
- Option without water tube

**Use With**

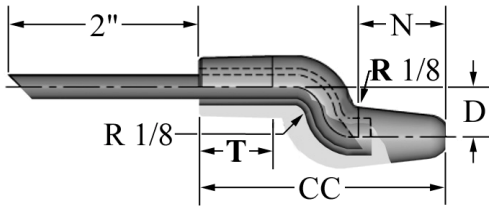
- Fits 4RW or 5RW CMW standard holders

**Mechanical**

- Electrical conductivity up to 90% IACS
- Rockwell hardness up to 100 HRB



ELECTRODES  
BENT



REPLACEMENT CODES					
"CC"		"N"		"T"	
OVERALL LENGTH	CODE	NOSE LENGTH	CODE	TAPER LENGTH	CODE
2"	32	3/4"	2	3/4"	2
2 1/4"	36	7/8"	3	7/8"	3
2 1/2"	40	1"	4	1"	4
2 3/4"	44	1 1/8"	5	1 1/8"	5
3"	48	1 1/4"	6	1 1/4"	6
3 1/4"	52	1 1/2"	7	1 1/2"	7
3 1/2"	56	1 3/4"	8	1 3/4"	8
3 3/4"	60	2"	9	2"	9

**ORDERING INFORMATION AND DIMENSIONS**

TAPER	OFFSET	WATER TUBE	PART NO. (REPLACE CC, N, & T FROM TABLE ABOVE)		
			MATERIAL		
			CMW®28	CMW®3	CMW®100
RWMA 4	1/2	YES	111-08CC-NT	311-08CC-NT	511-08CC-NT
		NO	111-08CC-NTZ	311-08CC-NTZ	511-08CC-NTZ
	3/4	YES	111-12CC-NT	311-12CC-NT	511-12CC-NT
		NO	111-12CC-NTZ	311-12CC-NTZ	511-12CC-NTZ
	1	YES	111-16CC-NT	311-16CC-NT	511-16CC-NT
		NO	111-16CC-NTZ	311-16CC-NTZ	511-16CC-NTZ
	1 1/4	YES	111-20CC-NT	311-20CC-NT	511-20CC-NT
		NO	111-20CC-NTZ	311-20CC-NTZ	511-20CC-NTZ
	1 1/2	YES	111-24CC-NT	311-24CC-NT	511-24CC-NT
		NO	111-24CC-NTZ	311-24CC-NTZ	511-24CC-NTZ
	1 3/4	YES	111-28CC-NT	311-28CC-NT	511-28CC-NT
		NO	111-28CC-NTZ	311-28CC-NTZ	511-28CC-NTZ

TAPER	OFFSET	WATER TUBE	PART NO. (REPLACE CC, N, & T FROM TABLE ABOVE)		
			MATERIAL		
			CMW®28	CMW®3	CMW®100
RWMA 5	1/2	YES	112-08CC-NT	312-08CC-NT	512-08CC-NT
		NO	112-08CC-NTZ	312-08CC-NTZ	512-08CC-NTZ
	3/4	YES	112-12CC-NT	312-12CC-NT	512-12CC-NT
		NO	112-12CC-NTZ	312-12CC-NTZ	512-12CC-NTZ
	1	YES	112-16CC-NT	312-16CC-NT	512-16CC-NT
		NO	112-16CC-NTZ	312-16CC-NTZ	512-16CC-NTZ
	1 1/4	YES	112-20CC-NT	312-20CC-NT	512-20CC-NT
		NO	112-20CC-NTZ	312-20CC-NTZ	512-20CC-NTZ
	1 1/2	YES	112-24CC-NT	312-24CC-NT	512-24CC-NT
		NO	112-24CC-NTZ	312-24CC-NTZ	512-24CC-NTZ
	1 3/4	YES	112-28CC-NT	312-28CC-NT	512-28CC-NT
		NO	112-28CC-NTZ	312-28CC-NTZ	512-28CC-NTZ

**HOW TO USE REPLACEMENT CODES:**

TO ORDER AN RWMA 4, 1/2" OFFSET, WITH WATER TUBE, USING CMW 28 MATERIAL REFER TO PART #111-08-CC-NT

CC = OVERALL LENGTH.  
N = NOSE LENGTH.  
T = TAPER LENGTH.

LENGTH NEEDED IS 2", REPLACE "CC" WITH "32"  
LENGTH NEEDED IS 3/4", REPLACE "N" WITH "2"  
LENGTH NEEDED IS 7/8", REPLACE "T" WITH "3"

PART NUMBER TO ORDER IS #111-0832-23