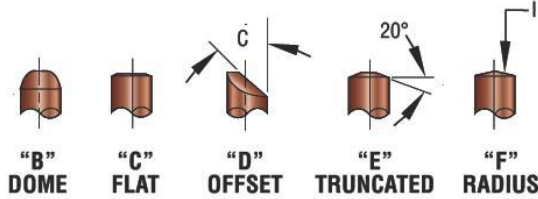
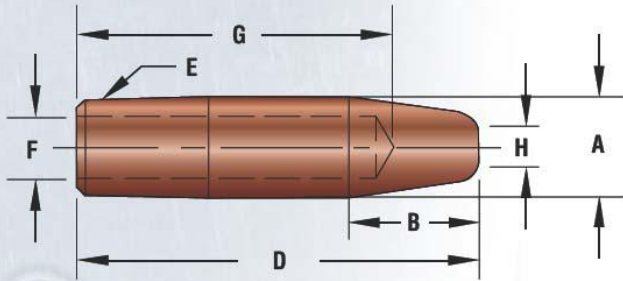




**RESISTANCE WELDING ELECTRODES**

Tips With Tapered Shanks  
Nose Types A, B, C, D, E & F



• Dimensions Shown Are: inches (mm).

**"A" POINTED**  
**FIGURE 4-1 (Material RWMA Class 2 & 3)**

**EXAMPLE EXPLANATION CODING**

<p><b>CENTERLINE SPECIALS</b></p> <p><b>NOSE TYPE</b></p> <p><b>MATERIAL</b></p> <p><b>RW TAPER</b></p> <p><b>OVERALL LENGTH</b> (IN .25 (6.35) INCREMENTS)</p>	<p>USE <b>W</b> FOR TIPS WITH TAPERED SHANKS</p> <p>USE <b>A</b> FOR POINTED NOSE USE <b>B</b> FOR DOME NOSE USE <b>C</b> FOR FLAT NOSE USE <b>D</b> FOR OFFSET NOSE USE <b>E</b> FOR TRUNCATED NOSE USE <b>F</b> FOR RADIUS NOSE</p> <p>USE <b>2</b> FOR CLASS 2 RWMA ALLOY USE <b>3</b> FOR CLASS 3 RWMA ALLOY USE <b>Z</b> FOR ZIRCONIUM</p> <p>USE <b>4</b> FOR 4 RW TAPER USE <b>5</b> FOR 5 RW TAPER USE <b>6</b> FOR 6 RW TAPER USE <b>7</b> FOR 7 RW TAPER</p> <p>USE <b>05</b> FOR 1.25 (31.75) MINIMUM LENGTH USE <b>06</b> FOR 1.50 (38.10) LENGTH USE <b>07</b> FOR 1.75 (44.45) LENGTH USE <b>08</b> FOR 2.00 (50.80) LENGTH USE <b>09</b> FOR 2.25 (57.15) LENGTH ETC.</p>
---	--

**W A - 2 4 05**

**SAMPLE TYPICAL TIP WITH TAPERED SHANK CODING**

- TIP OVERALL LENGTH WILL BE 1.25 (31.75)
- TIP WILL HAVE #4 RWMA TAPER
- TIP WILL BE MADE OF CLASS 2 RWMA
- TIP WILL HAVE TYPE A NOSE

**EXAMPLE:**

• **WA-2405**

• Dimensions Shown Are: inches (mm).

**RESISTANCE WELDING ELECTRODES**

Tips With Tapered Shanks  
Nose Types A, B, C, D, E & F

**KEY TO ITEM NUMBERS**

- W - Standard Prefix
- \* - Nose Designation (see pg. 4-1 for nose types)
- 2, 3 or Z - RWMA Alloy Class
- 4 thru 7 - RW Taper
- 05 thru 16 - Overall Length – in .25 (6.35) Increments

• Dimensions Shown Are: inches (mm).

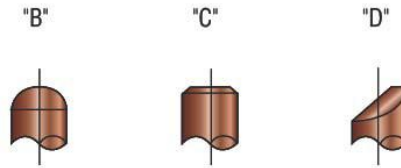
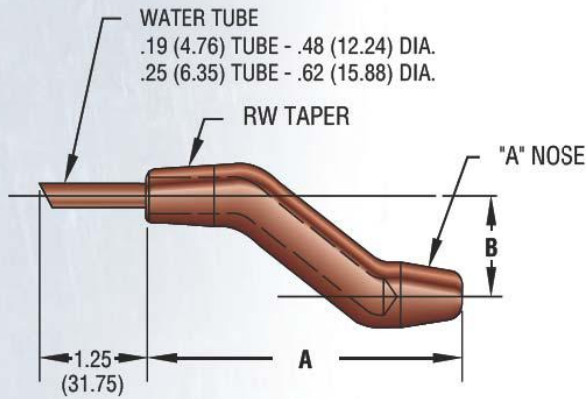
ITEM NO.	DIMENSIONS									
	CLASS 2	A Major Diameter	B Nose Length	C Angle Offset	D Overall Length	E RW Taper	F Water Hole Diameter	G Water Hole Depth	H Weld Face Diameter	I Nose Sphere Radius
W*-2405		.482 (12.24)	.38 (9.53)	30°	1.25 (31.75)	4	.28 (7.14)	.75 (19.05)	.19 (4.76)	2
W*-2406		.482 (12.24)	.63 (15.88)	30°	1.50 (38.10)	4	.28 (7.14)	1.00 (25.40)	.19 (4.76)	2
W*-2407		.482 (12.24)	.75 (19.05)	30°	1.75 (44.45)	4	.28 (7.14)	1.25 (31.75)	.19 (4.76)	2
W*-2408		.482 (12.24)	.75 (19.05)	30°	2.00 (50.80)	4	.28 (7.14)	1.50 (38.10)	.19 (4.76)	2
W*-2409		.482 (12.24)	.75 (19.05)	30°	2.25 (57.15)	4	.28 (7.14)	1.75 (44.45)	.19 (4.76)	2
W*-2410		.482 (12.24)	.75 (19.05)	30°	2.50 (63.50)	4	.28 (7.14)	2.00 (50.80)	.19 (4.76)	2
W*-2411		.482 (12.24)	.75 (19.05)	30°	2.75 (69.85)	4	.28 (7.14)	2.25 (57.15)	.19 (4.76)	2
W*-2412		.482 (12.24)	.75 (19.05)	30°	3.00 (76.20)	4	.28 (7.14)	2.50 (63.50)	.19 (4.76)	2
W*-2413		.482 (12.24)	.75 (19.05)	30°	3.25 (82.55)	4	.28 (7.14)	2.75 (69.85)	.19 (4.76)	2
W*-2414		.482 (12.24)	.75 (19.05)	30°	3.50 (88.90)	4	.28 (7.14)	3.00 (76.20)	.19 (4.76)	2
W*-2415		.482 (12.24)	.75 (19.05)	30°	3.75 (92.25)	4	.28 (7.14)	3.25 (82.55)	.19 (4.76)	2
W*-2416		.482 (12.24)	.75 (19.05)	30°	4.00 (101.60)	4	.28 (7.14)	3.50 (88.90)	.19 (4.76)	2
W*-2505		.625 (15.88)	.75 (19.05)	40°	1.25 (31.75)	5	.38 (9.53)	.50 (12.70)	.25 (6.35)	2
W*-2506		.625 (15.88)	.75 (19.05)	40°	1.50 (38.10)	5	.38 (9.53)	.75 (19.05)	.25 (6.35)	2
W*-2507		.625 (15.88)	.75 (19.05)	30°	1.75 (44.45)	5	.38 (9.53)	1.00 (25.40)	.25 (6.35)	2
W*-2508		.625 (15.88)	1.13 (28.58)	30°	2.00 (50.80)	5	.38 (9.53)	1.25 (31.75)	.25 (6.35)	2
W*-2509		.625 (15.88)	1.13 (28.58)	30°	2.25 (57.15)	5	.38 (9.53)	1.50 (38.10)	.25 (6.35)	2
W*-2510		.625 (15.88)	1.13 (28.58)	30°	2.50 (63.50)	5	.38 (9.53)	1.75 (44.45)	.25 (6.35)	2
W*-2511		.625 (15.88)	1.13 (28.58)	30°	2.75 (69.85)	5	.38 (9.53)	2.00 (50.80)	.25 (6.35)	2
W*-2512		.625 (15.88)	1.13 (28.58)	30°	3.00 (76.20)	5	.38 (9.53)	2.25 (57.15)	.25 (6.35)	2
W*-2513		.625 (15.88)	1.13 (28.58)	30°	3.25 (82.55)	5	.38 (9.53)	2.50 (63.50)	.25 (6.35)	2
W*-2514		.625 (15.88)	1.13 (28.58)	30°	3.50 (88.90)	5	.38 (9.53)	2.75 (69.85)	.25 (6.35)	2
W*-2515		.625 (15.88)	1.13 (28.58)	30°	3.75 (95.25)	5	.38 (9.53)	3.00 (76.20)	.25 (6.35)	2
W*-2516		.625 (15.88)	1.13 (28.58)	30°	4.00 (101.60)	5	.38 (9.53)	3.25 (82.55)	.25 (6.35)	2
W*-2608		.750 (19.05)	1.00 (25.40)	30°	2.00 (50.80)	6	.44 (11.11)	1.25 (31.75)	.28 (7.14)	4
W*-2610		.750 (19.05)	1.00 (25.40)	30°	2.50 (63.50)	6	.44 (11.11)	1.75 (44.45)	.28 (7.14)	4
W*-2612		.750 (19.05)	1.00 (25.40)	30°	3.00 (76.20)	6	.44 (11.11)	2.25 (57.15)	.28 (7.14)	4
W*-2614		.750 (19.05)	1.00 (25.40)	30°	3.50 (88.90)	6	.44 (11.11)	2.75 (69.85)	.28 (7.14)	4
W*-2616		.750 (19.05)	1.00 (25.40)	30°	4.00 (101.60)	6	.44 (11.11)	3.25 (82.55)	.28 (7.14)	4
W*-2708		.875 (22.23)	.75(19.05)	40°	2.00 (50.80)	7	.50 (12.70)	1.25 (31.75)	.31 (7.94)	6
W*-2710		.875 (22.23)	1.13 (28.58)	30°	2.50 (63.50)	7	.50 (12.70)	1.75 (44.45)	.31 (7.94)	6
W*-2712		.875 (22.23)	1.13 (28.58)	30°	3.00 (76.20)	7	.50 (12.70)	2.25 (57.15)	.31 (7.94)	6
W*-2714		.875 (22.23)	1.13 (28.58)	30°	3.50 (88.90)	7	.50 (12.70)	2.75 (69.85)	.31 (7.94)	6
W*-2716		.875 (22.23)	1.13 (28.58)	30°	4.00 (101.60)	7	.50 (12.70)	3.25 (82.55)	.31 (7.94)	6

REPLACE \* WITH NOSE TYPE A, B, C, D, E OR F.



**RESISTANCE WELDING ELECTRODES**

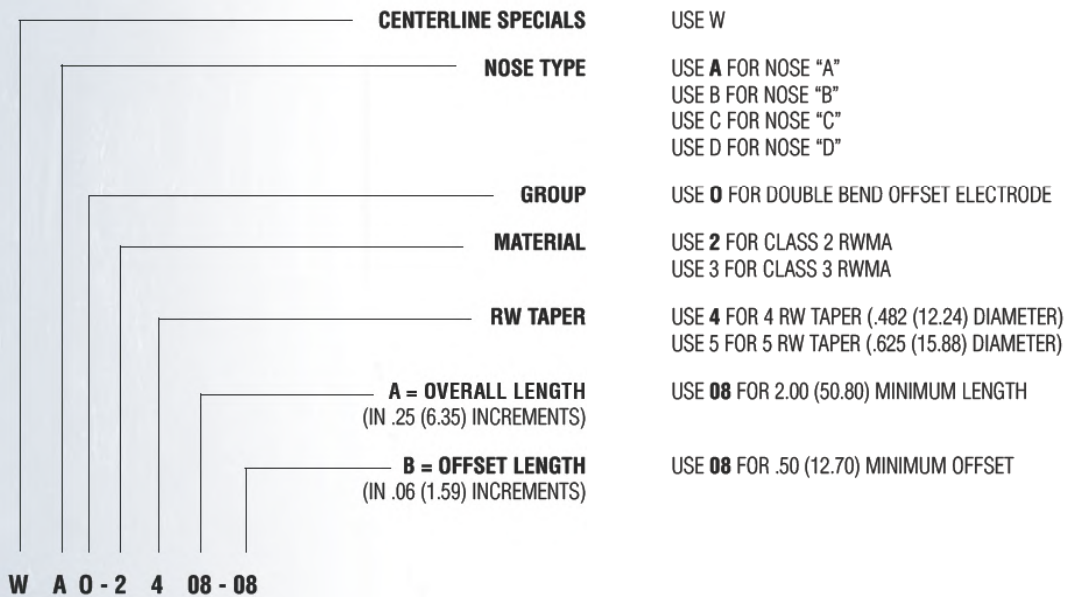
Double Bend Offset Electrodes



Example: • **WAO-2408-08**

FIGURE 4-2 (Material RWMA Class 2 & 3)

**EXAMPLE EXPLANATION CODING**



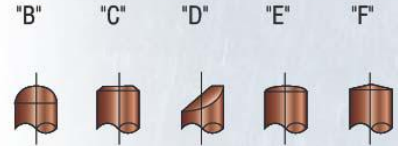
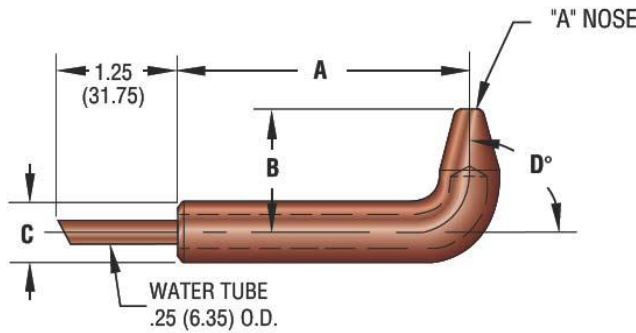
**SAMPLE  
TYPICAL DOUBLE BEND OFFSET CODING**

- ELECTRODE OFFSET WILL BE .50 (12.70)
- ELECTRODE WILL BE 2.00 (50.80) LONG
- ELECTRODE WILL HAVE 4 RW TAPER
- ELECTRODE WILL BE MADE OF CLASS 2 RWMA MATERIAL
- DOUBLE BEND OFFSET ELECTRODE
- ELECTRODE NOSE TYPE WILL BE "A" NOSE

• Dimensions Shown Are: inches (mm).

**RESISTANCE WELDING ELECTRODES**

Single Bend Electrodes



Example: • **CLLA-2510690**

**FIGURE 4-3 (Material RWMA Class 2, 3 & Zirconium)**

**EXAMPLE EXPLANATION CODING**

<b>CENTERLINE SPECIALS</b>	USE <b>CL</b>
<b>GROUP</b>	USE <b>L</b> FOR SINGLE BEND ELECTRODE
<b>NOSE TYPE</b>	USE <b>A</b> FOR NOSE "A" USE <b>B</b> FOR NOSE "B" USE <b>C</b> FOR NOSE "C" USE <b>D</b> FOR NOSE "D" USE <b>E</b> FOR NOSE "E" USE <b>F</b> FOR NOSE "F"
<b>MATERIAL</b>	USE <b>2</b> FOR CLASS 2 RWMA USE <b>3</b> FOR CLASS 3 RWMA USE <b>Z</b> FOR ZIRCONIUM
<b>C = ADAPTER DIAMETER</b> (IN .125 (3.18) INCREMENTS)	USE <b>5</b> FOR .62 (15.88) NOMINAL DIAMETER STRAIGHT SHANK USE <b>6</b> FOR .75 (19.05) NOMINAL DIAMETER STRAIGHT SHANK USE <b>7</b> FOR .88 (22.35) NOMINAL DIAMETER STRAIGHT SHANK USE <b>5E</b> FOR .62 (15.88) NOMINAL DIAMETER ELECTRODE TAPER SHANK USE <b>6E</b> FOR .75 (19.05) NOMINAL DIAMETER ELECTRODE TAPER SHANK USE <b>7E</b> FOR .88 (22.35) NOMINAL DIAMETER ELECTRODE TAPER SHANK
<b>A = OVERALL LENGTH</b> (IN .25 (6.35) INCREMENTS)	USE <b>10</b> FOR 2.5 (63.50) MINIMUM LENGTH
<b>B = OFFSET LENGTH</b> (IN .125 (3.18) INCREMENTS)	USE <b>6</b> FOR .75 (19.05) MINIMUM OFFSET
<b>D = OFFSET ANGLE</b>	USE <b>30</b> FOR 30° OFFSET USE <b>45</b> FOR 45° OFFSET USE <b>60</b> FOR 60° OFFSET USE <b>75</b> FOR 75° OFFSET USE <b>90</b> FOR 90° OFFSET

**CL L A - 2 5 10 6 90**

**SAMPLE  
TYPICAL ELECTRODE CODING**

ELECTRODE OFFSET ANGLE WILL BE 90°  
ELECTRODE OFFSET WILL BE .75 (19.05) LONG  
ELECTRODE WILL BE 2.50 (63.50) LONG  
ELECTRODE WILL HAVE .62 (15.88) DIAMETER  
ELECTRODE WILL BE MADE OF CLASS 2 RWMA MATERIAL  
ELECTRODE NOSE TYPE WILL BE TYPE "A"  
SINGLE BEND ELECTRODE

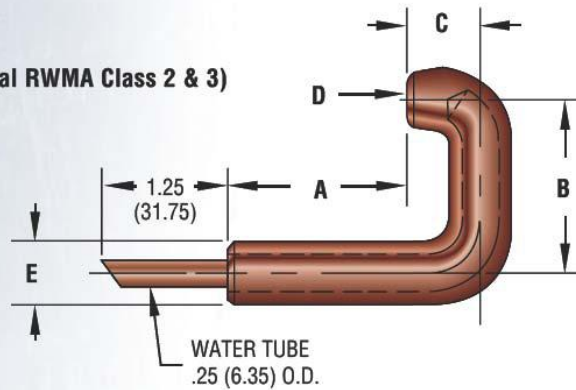
• Dimensions Shown Are: inches (mm).



**RESISTANCE WELDING ELECTRODES**

J Shape Electrodes

FIGURE 4-4 (Material RWMA Class 2 & 3)



Example: • CLJE1-25-10166

**EXAMPLE EXPLANATION CODING**

<b>CENTERLINE SPECIALS</b>	USE <b>CL</b>
<b>GROUP</b>	USE <b>JE</b> FOR "J" SHAPE ELECTRODE
<b>D = NOSE TYPE</b>	USE <b>1</b> FOR NOSE - .62 (15.88) DIAMETER "A" NOSE USE <b>2</b> FOR NOSE - .75 (19.05) DIAMETER "A" NOSE USE <b>3</b> FOR NOSE - .88 (22.23) DIAMETER "A" NOSE
<b>MATERIAL</b>	USE <b>2</b> FOR CLASS 2 RWMA USE <b>3</b> FOR CLASS 3 RWMA
<b>E = ADAPTER DIAMETER</b> (IN .125 (3.18) INCREMENTS)	USE <b>5</b> FOR .62 (15.88) NOMINAL DIAMETER USE <b>6</b> FOR .75 (19.05) NOMINAL DIAMETER USE <b>7</b> FOR .88 (22.23) NOMINAL DIAMETER
<b>A = OVERALL LENGTH</b> (IN .25 (6.35) INCREMENTS)	USE <b>10</b> FOR 2.50 (63.50) MINIMUM LENGTH
<b>B = OFFSET LENGTH</b> (IN .125 (3.18) INCREMENTS)	USE <b>16</b> FOR 2.00 (50.80) MINIMUM OFFSET
<b>C = NOSE HEIGHT</b> (IN .125 (3.18) INCREMENTS)	USE <b>6</b> FOR .75 (19.05) MINIMUM HEIGHT

CL JE 1 - 2 5 - 10 16 6

**SAMPLE  
TYPICAL J SHAPE ELECTRODE CODING**

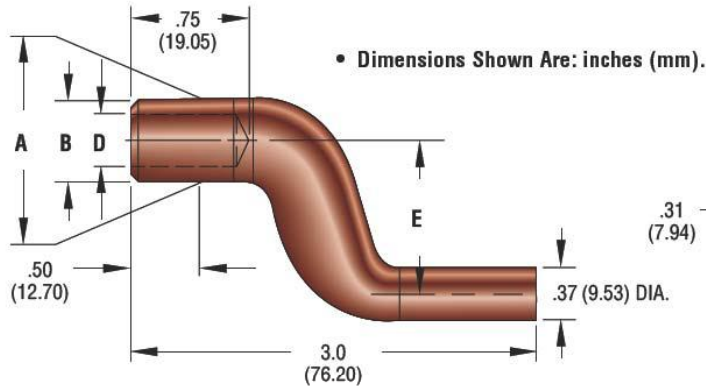
- ELECTRODE NOSE WILL BE .75 (19.05) HIGH
- ELECTRODE OFFSET WILL BE 2.00 (50.80) LONG
- ELECTRODE WILL BE 2.50 (63.50) LONG
- ELECTRODE WILL HAVE .62 (15.88) DIAMETER
- ELECTRODE WILL BE MADE OF CLASS 2 RWMA MATERIAL
- ELECTRODE NOSE TYPE WILL BE .62 (15.88) DIAMETER
- J SHAPE ELECTRODE

• Dimensions Shown Are: inches (mm).

**RESISTANCE WELDING ELECTRODES**



**Irregular-Offset Electrodes With Taper Shanks**



• WEF-SERIES FIGURE 4-5 (Material RWMA Class 2)

ITEM NO.	DIMENSIONS				
CLASS 2	A Major Diameter	B Minor Taper Diameter	C RW Taper	D Water Hole Diameter	E Offset Diameter
WEF-2412	.463 (11.76)	.438 (11.13)	4	.281 (7.14)	1.125 (28.58)
WEF-2512	.613 (15.57)	.588 (14.94)	5	.375 (9.53)	1.125 (28.58)

**Spade Electrodes**

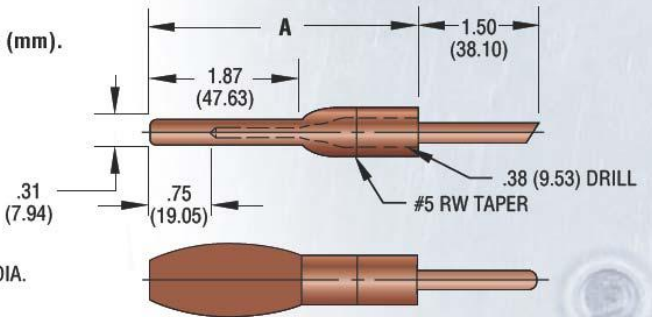


FIGURE 4-6 (Material RWMA Class 2)

ITEM NO.	"A" O.A.L.
WEM100-1	3.31 (84.14)
WEM100-2	3.56 (90.49)
WEM100-3	3.81 (96.84)
WEM100-4	4.06 (103.19)

• Dimensions Shown Are: inches (mm).

**1.25 (31.75) Irregular-Offset Electrodes With Taper Shanks**

• WFA-SERIES

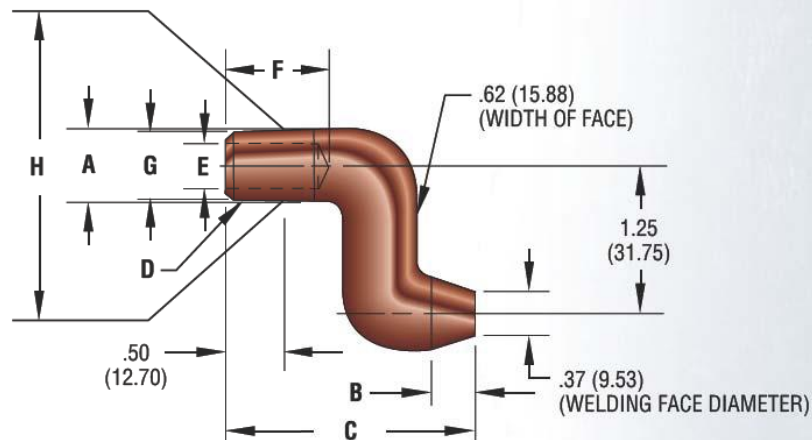


FIGURE 4-7 (Material RWMA Class 2)

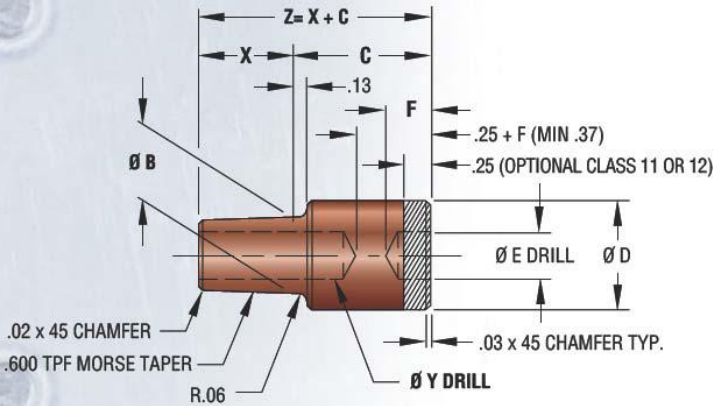
• Dimensions Shown Are: inches (mm).

ITEM NO.	DIMENSIONS							
CLASS 2	A Major Diameter	B Nose Length	C Overall Length	D RW Taper	E Water Hole Diameter	F Water Hole Depth	G Minor Taper Diameter	H Taper Diameter
WFA-2408	.50 (12.70)	.38 (9.53)	2.00 (50.80)	4	.281 (7.14)	.88 (22.23)	.438 (11.13)	.463 (11.76)
WFA-2409	.50 (12.70)	.75 (19.05)	2.38 (60.33)	4	.281 (7.14)	.88 (22.23)	.438 (11.13)	.463 (11.76)
WFA-2508	.62 (15.88)	.38 (9.53)	2.12 (53.98)	5	.375 (9.53)	.75 (19.05)	.588 (14.94)	.613 (15.58)
WFA-2509	.62 (15.88)	.75 (19.05)	2.50 (63.50)	5	.375 (9.53)	.75 (19.05)	.588 (14.94)	.613 (15.58)



**RESISTANCE WELDING ELECTRODES**

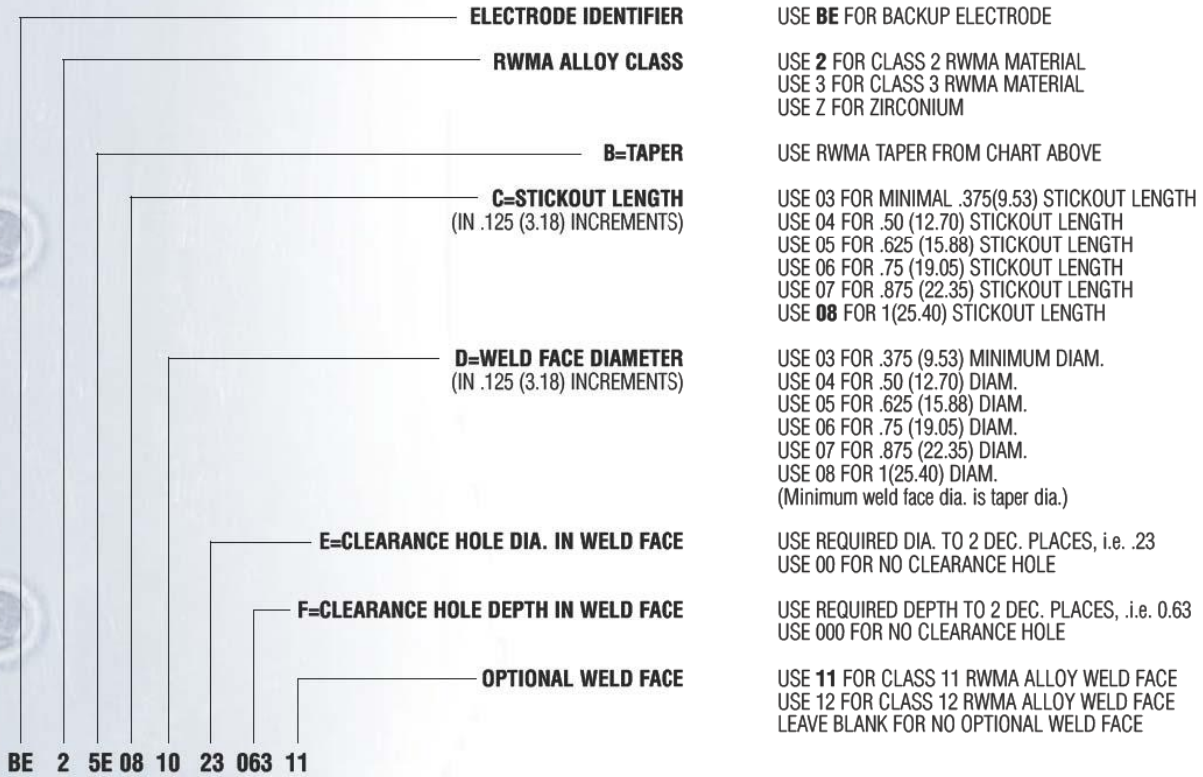
Backup Electrodes



RWMA TAPER	B	X	Y
3E	.375 (9.52)	.500 (12.70)	9/32
4E	.463 (11.76)	.500 (12.70)	9/32
5E	.625 (15.88)	.750 (19.05)	3/8
6E	.750 (19.05)	.875 (22.23)	7/16
7E	.875 (22.23)	1.125 (28.57)	1/2
4C	.375 (9.52)	.285 (2.86)	9/32
5C	.415 (10.52)	.390 (9.52)	5/16
6C	.501 (12.70)	.500 (12.70)	3/8
7C	.613 (15.57)	.500 (12.70)	1/2

FIGURE 4-8 (Material RWMA Class 2&3)

EXAMPLE EXPLANATION CODING



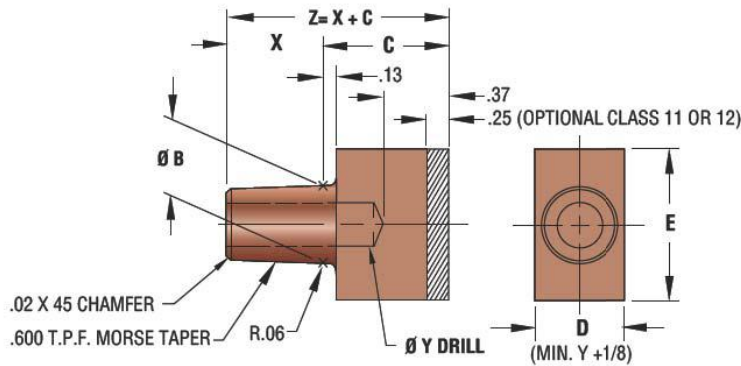
- ELECTRODE IDENTIFIER**  
USE **BE** FOR BACKUP ELECTRODE
- RWMA ALLOY CLASS**  
USE **2** FOR CLASS 2 RWMA MATERIAL  
USE **3** FOR CLASS 3 RWMA MATERIAL  
USE **Z** FOR ZIRCONIUM
- B=TAPER**  
USE RWMA TAPER FROM CHART ABOVE
- C=STICKOUT LENGTH**  
(IN .125 (3.18) INCREMENTS)  
USE **03** FOR MINIMAL .375(9.53) STICKOUT LENGTH  
USE **04** FOR .50 (12.70) STICKOUT LENGTH  
USE **05** FOR .625 (15.88) STICKOUT LENGTH  
USE **06** FOR .75 (19.05) STICKOUT LENGTH  
USE **07** FOR .875 (22.35) STICKOUT LENGTH  
USE **08** FOR 1(25.40) STICKOUT LENGTH
- D=WELD FACE DIAMETER**  
(IN .125 (3.18) INCREMENTS)  
USE **03** FOR .375 (9.53) MINIMUM DIAM.  
USE **04** FOR .50 (12.70) DIAM.  
USE **05** FOR .625 (15.88) DIAM.  
USE **06** FOR .75 (19.05) DIAM.  
USE **07** FOR .875 (22.35) DIAM.  
USE **08** FOR 1(25.40) DIAM.  
(Minimum weld face dia. is taper dia.)
- E=CLEARANCE HOLE DIA. IN WELD FACE**  
USE REQUIRED DIA. TO 2 DEC. PLACES, i.e. .23  
USE **00** FOR NO CLEARANCE HOLE
- F=CLEARANCE HOLE DEPTH IN WELD FACE**  
USE REQUIRED DEPTH TO 2 DEC. PLACES, i.e. 0.63  
USE **000** FOR NO CLEARANCE HOLE
- OPTIONAL WELD FACE**  
USE **11** FOR CLASS 11 RWMA ALLOY WELD FACE  
USE **12** FOR CLASS 12 RWMA ALLOY WELD FACE  
LEAVE BLANK FOR NO OPTIONAL WELD FACE

**SAMPLE TYPICAL CAP ADAPTER CODING**

ELECTRODE WELD FACE IS CLASS 11 RWMA ALLOY  
CLEARANCE HOLE IN WELD FACE IS 0.63  
CLEARANCE HOLE DIA. IN WELD FACE IS .23  
WELD FACE DIA. IS 1.25 (31.75)  
STICKOUT LENGTH IS 1.0 (25.4)  
ELECTRODE TAPER IS 5E  
CLASS 2 RWMA ALLOY  
BACK-UP ELECTRODE

**RESISTANCE WELDING ELECTRODES**

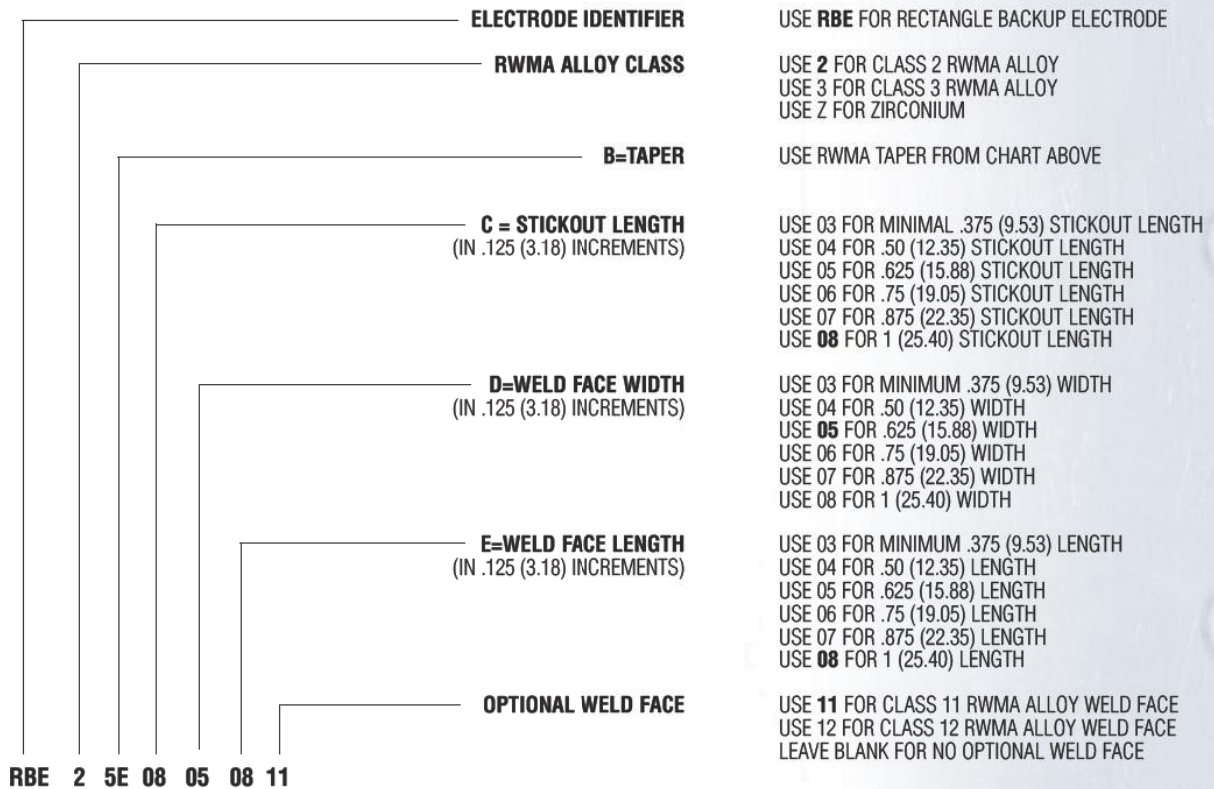
Block Type Electrodes



RWMA TAPER	B	X	Y
3E	.375 (9.52)	.500 (12.70)	9/32
4E	.463 (11.76)	.500 (12.70)	9/32
5E	.625 (15.88)	.750 (19.05)	3/8
6E	.750 (19.05)	.875 (22.23)	7/16
7E	.875 (22.23)	1.125 (28.57)	1/2
4C	.375 (9.52)	.285 (2.86)	9/32
5C	.415 (10.52)	.390 (9.52)	5/16
6C	.501 (12.70)	.500 (12.70)	3/8
7C	.613 (15.57)	.500 (12.70)	1/2

FIGURE 4-9 (Material RWMA Class 2&3)

EXAMPLE EXPLANATION CODING



USE **RBE** FOR RECTANGLE BACKUP ELECTRODE

USE **2** FOR CLASS 2 RWMA ALLOY  
USE **3** FOR CLASS 3 RWMA ALLOY  
USE **Z** FOR ZIRCONIUM

USE RWMA TAPER FROM CHART ABOVE

USE **03** FOR MINIMAL .375 (9.53) STICKOUT LENGTH  
USE **04** FOR .50 (12.35) STICKOUT LENGTH  
USE **05** FOR .625 (15.88) STICKOUT LENGTH  
USE **06** FOR .75 (19.05) STICKOUT LENGTH  
USE **07** FOR .875 (22.35) STICKOUT LENGTH  
USE **08** FOR 1 (25.40) STICKOUT LENGTH

USE **03** FOR MINIMUM .375 (9.53) WIDTH  
USE **04** FOR .50 (12.35) WIDTH  
USE **05** FOR .625 (15.88) WIDTH  
USE **06** FOR .75 (19.05) WIDTH  
USE **07** FOR .875 (22.35) WIDTH  
USE **08** FOR 1 (25.40) WIDTH

USE **03** FOR MINIMUM .375 (9.53) LENGTH  
USE **04** FOR .50 (12.35) LENGTH  
USE **05** FOR .625 (15.88) LENGTH  
USE **06** FOR .75 (19.05) LENGTH  
USE **07** FOR .875 (22.35) LENGTH  
USE **08** FOR 1 (25.40) LENGTH

USE **11** FOR CLASS 11 RWMA ALLOY WELD FACE  
USE **12** FOR CLASS 12 RWMA ALLOY WELD FACE  
LEAVE BLANK FOR NO OPTIONAL WELD FACE

**SAMPLE TYPICAL CAP ADAPTER CODING**

ELECTRODE WELD FACE IS CLASS 11 RWMA ALLOY  
WELD FACE LENGTH IS 1.0 (25.4)  
WELD FACE WIDTH IS 1.0 (25.4)  
STICKOUT LENGTH IS 1.0 (25.4)  
ELECTRODE TAPER IS 5E  
CLASS 2 RWMA ALLOY  
RECTANGLE BACK-UP ELECTRODE



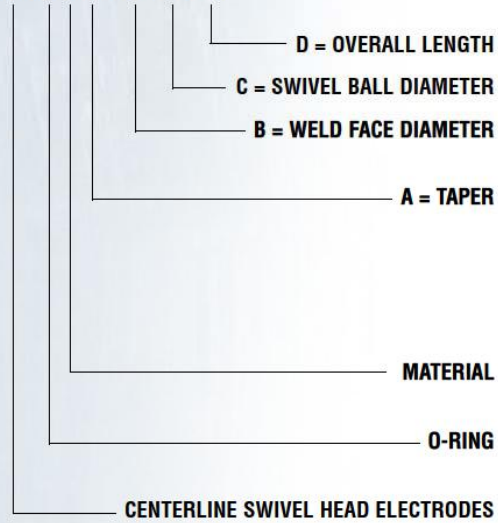


**RESISTANCE WELDING ELECTRODES**

Swivel Head Electrodes with Water-Cooled Shanks

**CODING EXAMPLE**

**SHEA 0 2 5E XXX ZZ YYY**



USE **SHEA** FOR FORMED ASSEMBLY

USE **0** IF O-RING REQUIRED ON FORMED ASSEMBLY  
OMIT 0 IF O-RING NOT REQUIRED

USE **2** FOR CLASS 2  
USE **3** FOR CLASS 3

USE **5E** FOR 5RW TAPER  
USE **6E** FOR 6RW TAPER  
USE **7E** FOR 7RW TAPER

USE **4E** FOR 4RW TAPER  
USE **5C** FOR #5 CAP TAPER  
USE **6C** FOR #6 CAP TAPER

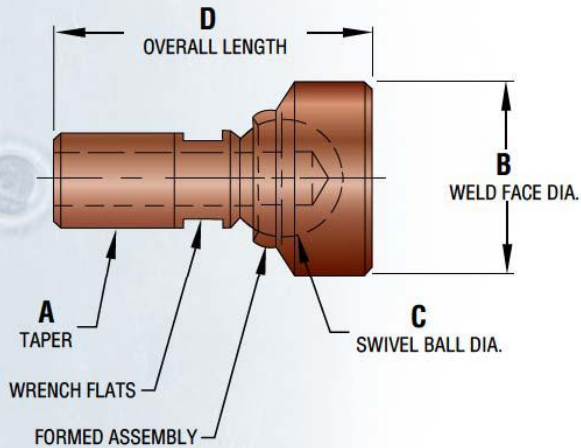
USE **100**  
SPECIFY REQUIRED DIAMETER, EX. FOR 1.00 (25.40) DIAMETER

SWIVEL BALL DIAMETER APPLICATION DEPENDANT

SPECIFY REQUIRED LENGTH, EX. FOR 2.00 (50.80) USE 200

**Blind Hole**

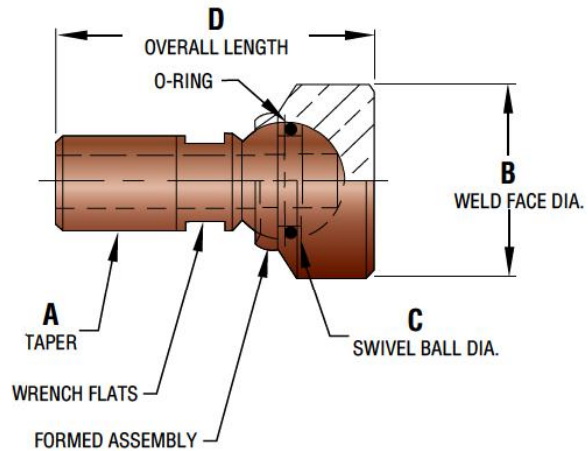
**EXAMPLE:**  
• SHEA25E10075200



**FIGURE 4-10 (Material RWMA Class 2&3)**

**Thru Hole with O-Ring**

**EXAMPLE:**  
• SHEA025E10075200  
└─ O-RING



**FIGURE 4-11 (Material RWMA Class 2&3)**

• Dimensions Shown Are: inches (mm).