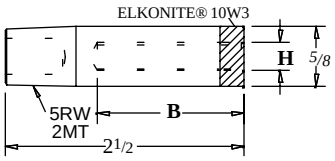
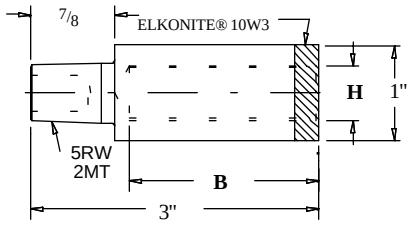
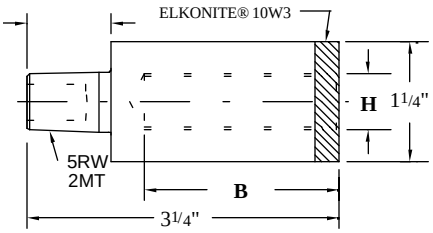
STUD WELDING ELECTRODES

T.J. Snow Co. (423) 894-6234; FAX: (423) 490-2417 (authorized distributor CMW Inc.)

CONTACTS METALS WELDING

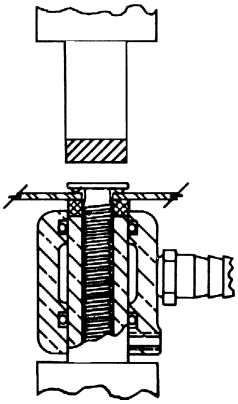
Stud Welding Electrode facings are Elkonite® 10W3. The shank is CMW® 3.
Note: insulation sleeves are made of specially treated aluminum having a surface hardness of approximately 55 Rockwell C on both I.D. and O.D.

ASSEMBLED ELECTRODE	*Screw Thread Size	Insulation I.D. H.	Part No. Assembled Electrode		
See page 6 for Metric conversions **See page 7 for Taper dimensions**		Depth **B**	**.375**	**.750**	**1.125**
	#4	.116	**16-3724-1161**	**16-3724-1162**	**16-3724-1163**
	#5	.132	**16-3724-1321**	**16-3724-1322**	**16-3724-1323**
 16-3724-XXXX		Depth **B**	**.500**	**1.00**	**1.500**
	#6	.140	**16-3724-1401**	**16-3724-1402**	**16-3724-1403**
	—	.150	**16-3724-1501**	**16-3724-1502**	**16-3724-1503**
	—	.157	**16-3724-1571**	**16-3724-1572**	**16-3724-1573**
	#8	.169	**16-3724-1691**	**16-3724-1692**	**16-3724-1693**
		Depth **B**	**.750**		**1.500**
	#10	.191	**16-3724-1911**		**16-3724-1912**
	#12	.220	**16-3724-2201**		**16-3724-2202**
	.250	.254	**16-3724-2541**		**16-3724-2542**
 16-3725-XXXX		Depth **B**	**.750**		**1.500**
	.250	.254	**16-3725-2541**		**16-3725-2542**
		Depth **B**	**1.00**		**2.00**
	—	.277	**16-3725-2771**		**16-3725-2772**
	.312	.317	**16-3725-3171**		**16-3725-3172**
	—	.339	**16-3725-3391**		**16-3725-3392**
	—	.365	**16-3725-3651**		**16-3725-3652**
	.375	.380	**16-3725-3801**		**16-3725-3802**
 16-3726-XXXX		Depth **B**	**1.00**		**2.00**
	—	.401	**16-3726-4011**		**16-3726-4012**
	—	.427	**16-3726-4271**		**16-3726-4272**
	.437	.444	**16-3726-4441**		**16-3726-4442**
	.500	.502	**16-3726-5021**		**16-3726-5022**
		Depth **B**	**1.00**		**2.00**
	—	.552	**16-3726-5521**		**16-3726-5522**
	.625	.630	**16-3726-6301**		**16-3726-6302**
	—	.676	**16-3726-6761**		**16-3726-6762**
	—	.801	**16-3726-8011**		**16-3726-8012**

For upper electrode use standard electrode:

5/8 Dia.	**632050**	page 14
1 Dia.	**16-1392**	page 25
1 1/4 Dia.	**16-1394**	page 25

For Stud Electrode	Use Cooling Chamber
16-3724-XXXX	**18-1340**
16-3725-XXXX	**18-1342**
16-3726-XXXX	**18-1343**
See Above	See Above

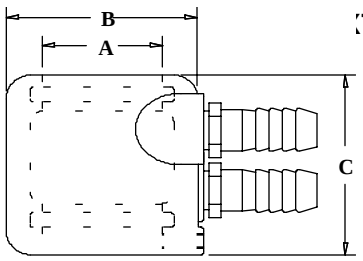


CMW External Water Cooling Chambers are designed to provide supplementary cooling in special, hard-to-cool applications. These cast aluminum jackets are securely sealed and locked in position over the external surface of 5/8", 7/8", 1", or 1 1/4" diameter electrodes. Standard water nipples connect to the regular water inlet and outlet hoses of these external cooling chambers.

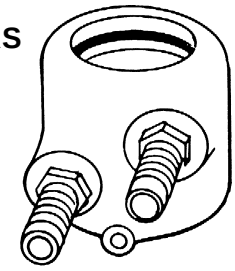
CMW External Water Cooling Chambers are also recommended for *additional* cooling capacity on internally cooled applications operating at elevated temperatures.

One Piece Aluminum Castings—Rubber "O" Ring Seals—Standard Water Nipples—Allen Head Set-Screw Lock-On.

TERNAL ELECTRODE COOLING CHAMBERS



PART NO.	To Fit **A** Dia. Electrode	O.D. **B**	Overall Length **C**
18-1340	5/8	1 1/4	1 1/2
18-1341	7/8	1 1/2	1 1/2
18-1342	1	1 3/4	1 1/2
18-1343	1 1/4	2	1 7/8



ORDER BY CMW PART NUMBER ONLY