

GOLDCROWN® EJECTOR HOLDERS with self-adjusting water tubes

TUFFALOY Goldcrown® premium ejector holders are made of Class 2 (C18200) alloy and are ground and polished to yield greatest conductivity. These straight tip-ejecting holders deliver dependable, first class performance and are designed with maximum simplicity to require minimum maintenance. All TUFFALOY straight holders feature exclusive spring-loaded self-adjusting water tubes to ensure the proper flow of coolant through resistance welding electrodes. The larger ejector holders incorporate bigger fittings for higher coolant flow rates.

REPLACEMENT ADAPTERS FOR THREADED BARRELS

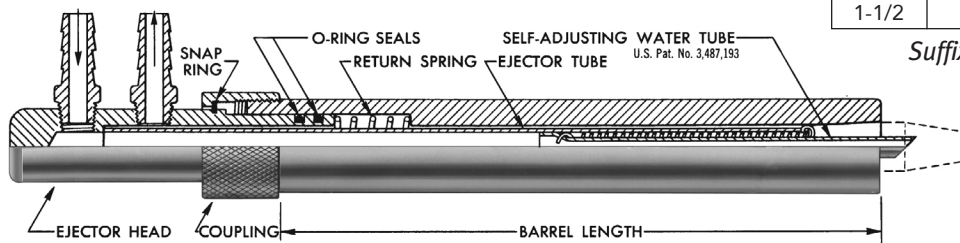
Part No.	Description	Taper	THD
195-8550	8550	4RW	5/8-14 NPT
195-8551	8551	5RW	5/8-14 NPT
190-3615	AD-346-1.5	6RW	3/4-14 NPT

These adapters are supplied with -A suffix holder

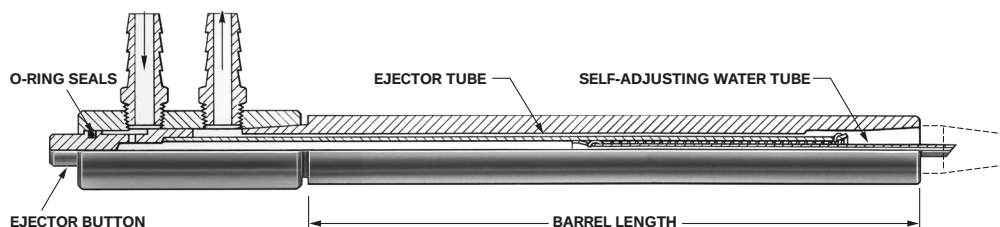
GOLDCROWN

Barrel Dia.	Tip Socket RW	Barrel Length	Description	Part No.
5/8	4	8	E-05084	320-0100
5/8	4	12	E-05124	320-0120
3/4	4	8	E-06084	320-0140
3/4	5	8	E-06085	320-0150
3/4	4	12	E-06124	320-0160
3/4	5	12	E-06125	320-0170
7/8	4	8	E-07084	320-0180
7/8	5	8	E-07085	320-0190
7/8	4	12	E-07124	320-0200
7/8	5	12	E-07125	320-0210
1	4	8	E-08084	320-0220
1	4	8	E-08084-A	320-0225
1	5	8	E-08085	320-0230
1	5	8	E-08085-A	320-0235
1	6	8	E-08086	320-0240
1	4	12	E-08124	320-0250
1	4	12	E-08124-A	320-0255
1	5	12	E-08125	320-0260
1	5	12	E-08125-A	320-0265
1	6	12	E-08126	320-0270
1-1/4	4	8	E-10084	320-0280
1-1/4	4	8	E-10084-A	320-0285
1-1/4	5	8	E-10085	320-0290
1-1/4	5	8	E-10085-A	320-0295
1-1/4	6	8	E-10086	320-0300
1-1/4	7	8	E-10087	320-0310
1-1/4	4	12	E-10124	320-0320
1-1/4	4	12	E-10124-A	320-0325
1-1/4	5	12	E-10125	320-0330
1-1/4	5	12	E-10125-A	320-0335
1-1/4	6	12	E-10126	320-0340
1-1/4	7	12	E-10127	320-0350
1-1/2	4	8	E-12084	320-0360
1-1/2	4	8	E-12084-A	320-0365
1-1/2	5	8	E-12085	320-0370
1-1/2	5	8	E-12085-A	320-0375
1-1/2	6	8	E-12086	320-0380
1-1/2	6	8	E-12086-A	320-0385
1-1/2	7	8	E-12087	320-0390
1-1/2	4	12	E-12124	320-0410
1-1/2	4	12	E-12124-A	320-0415
1-1/2	5	12	E-12125	320-0420
1-1/2	5	12	E-12125-A	320-0425
1-1/2	6	12	E-12126	320-0440
1-1/2	7	12	E-12127	320-0450

Suffix "-A" in holder description denotes a threaded tip adapter is supplied



Cross-section of holders with barrels 1 inch or more in diameter.

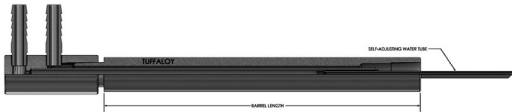


Cross-section of holders with barrels 7/8 inch or less in diameter.



GOLDSPOT® NON-EJECTOR HOLDERS with self-adjusting water tubes

TUFFALOY Goldcrown® premium non-ejector holders have barrels of Class 2 (C18200) alloy, ground and polished for best conductivity. These straight non-ejector holders are now equipped with the same spring-loaded self-adjusting water tubes as the Goldcrown ejector unit, so electrode cooling is facilitated and improved. They are low in initial cost and inexpensive to maintain. Simple design and few parts contribute to low maintenance cost and excellent performance. Holders are heavy-duty and built to withstand very high welding rates.



Cross-section view of holders with barrels less than 1 inch diameter.

REPLACEMENT ADAPTERS FOR THREADED BARRELS

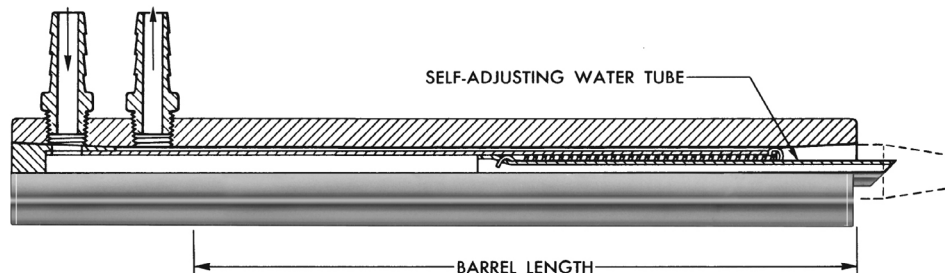
Part No.	Description	Taper	THD
195-8550	8550	4RW	5/8-14 NPT
195-8551	8551	5RW	5/8-14 NPT
190-3615	AD-346-1.5	6RW	3/4-14 NPT
190-3715	AD-347-1.5	7RW	3/4-14 NPT

These adapters are supplied with -A suffix holder

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Barrel Dia.	Tip Socket RW	Barrel Length	Description	Part No.
5/8	4	8	N-05084	325-0100
5/8	4	12	N-05124	325-0120
3/4	4	8	N-06084	325-0140
3/4	5	8	N-06085	325-0150
3/4	4	12	N-06124	325-0160
3/4	5	12	N-06125	325-0170
7/8	4	8	N-07084	325-0180
7/8	5	8	N-07085	325-0190
7/8	4	12	N-07124	325-0200
7/8	5	12	N-07125	325-0210
1	4	8	N-08084	325-0220
1	4	8	N-08084-A	325-0225
1	5	8	N-08085	325-0230
1	5	8	N-08085-A	325-0235
1	6	8	N-08086	325-0240
1	4	12	N-08124	325-0250
1	4	12	N-08124-A	325-0255
1	5	12	N-08125	325-0260
1	5	12	N-08125-A	325-0265
1	6	12	N-08126	325-0270
1-1/4	4	8	N-10084	325-0280
1-1/4	4	8	N-10084-A	325-0285
1-1/4	5	8	N-10085	325-0290
1-1/4	5	8	N-10085-A	325-0295
1-1/4	6	8	N-10086	325-0300
1-1/4	7	8	N-10087	325-0310
1-1/4	7	8	N-10087-A HOLD	325-0315
1-1/4	4	12	N-10124	325-0320
1-1/4	4	12	N-10124-A	325-0325
1-1/4	5	12	N-10125	325-0330
1-1/4	5	12	N-10125-A	325-0335
1-1/4	6	12	N-10126	325-0340
1-1/4	7	12	N-10127	325-0350
1-1/2	4	8	N-12084	325-0360
1-1/2	4	8	N-12084-A	325-0365
1-1/2	5	8	N-12085	325-0370
1-1/2	5	8	N-12085-A	325-0375
1-1/2	6	8	N-12086	325-0380
1-1/2	6	8	N-12086-A HOLD	325-0385
1-1/2	7	8	N-12087	325-0390
1-1/2	4	12	N-12124	325-0410
1-1/2	5	12	N-12125	325-0420
1-1/2	5	12	N-12125-A	325-0425
1-1/2	6	12	N-12126	325-0440
1-1/2	7	12	N-12127	325-0450

Suffix "-A" in holder description denotes a threaded tip adapter is supplied



Cross-section view of holders with barrels 1 inch or more in diameter.

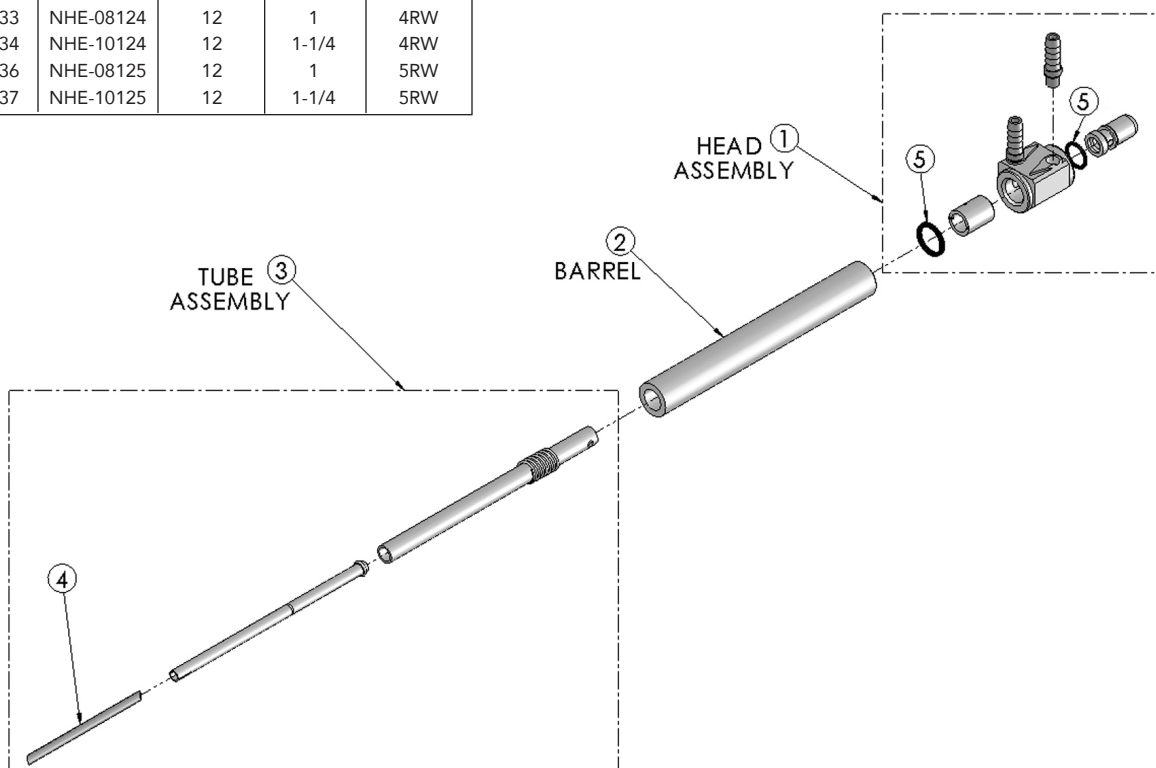




Part Number	Description	Barrel Length (in)	Barrel Dia. (in)	Tip Socket Taper
319-0206	NHE-08035	3	1	5RW
319-0207	NHE-10035	3	1-1/4	5RW
319-2011	NHE-06084	8	3/4	4RW
319-0212	NHE-07084	8	7/8	4RW
319-0213	NHE-08084	8	1	4RW
319-0214	NHE-10084	8	1-1/4	4RW
319-0216	NHE-08085	8	1	5RW
319-0217	NHE-10085	8	1-1/4	5RW
319-0231	NHE-06124	12	3/4	4RW
319-0232	NHE-07124	12	7/8	4RW
319-0233	NHE-08124	12	1	4RW
319-0234	NHE-10124	12	1-1/4	4RW
319-0236	NHE-08125	12	1	5RW
319-0237	NHE-10125	12	1-1/4	5RW

TUFFALOY NICKEL PLATED EJECTOR HOLDERS

TUFFALOY nickel plated ejector holders feature high conductivity copper with nickel plated surfaces for corrosion resistance and super conductivity. These holders also feature adjustable water tubes to insure proper water flow for all electrodes.



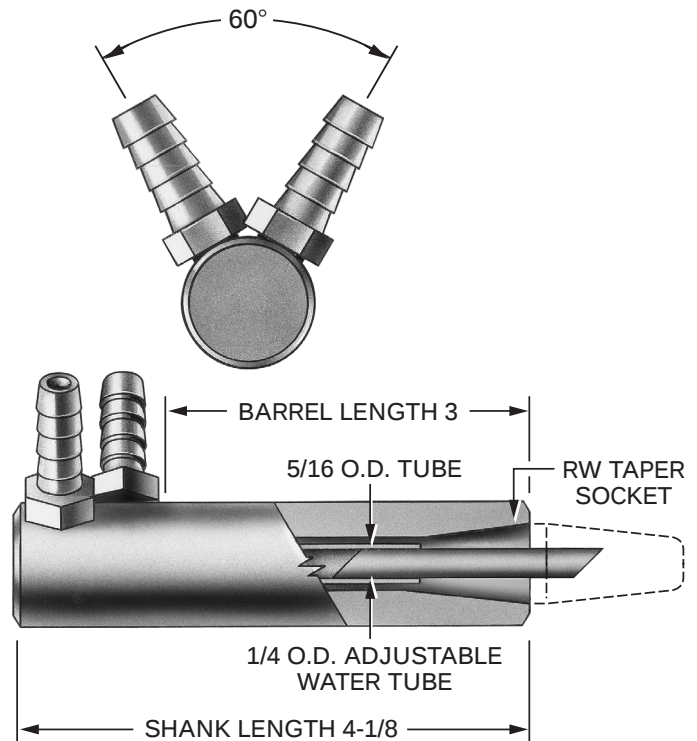
Description	Holder Assy.	1 Head Assy.	2 Barrel	3 Tube Assy.	4 Water Tube	5 Hose O-Ring Kit
NHE-08084	319-0213	195-0101	001-213B	195-0210	195-0017	037-0105
NHE-10084	319-0214	195-0101	001-214B	195-0210	195-0017	037-0105
NHE-08085	319-0216	195-0100	001-216B	195-0208	195-0015	037-0106
NHE-10085	319-0217	195-0100	001-217B	195-0208	195-0015	037-0106
NHE-08124	319-0233	195-0101	001-233B	195-0211	195-0017	037-0105
NHE-10124	319-0234	195-0101	001-234B	195-0211	195-0017	037-0105
NHE-08125	319-0236	195-0100	001-236B	195-0212	195-0015	037-0106
NHE-10125	319-0237	195-0100	001-237B	195-0212	195-0015	037-0106



CLOSED-COUPLED HOLDERS

For use where welding space is limited. Standard body length is 3 inches. Other lengths are made on request; minimum length 2 inches.

Body Dia.	Tip Socket	Description	Part No.
3/4	4RW	N-06034	330-0140
7/8	4RW	N-07034	330-0180
7/8	5RW	N-07035	330-0190
1	4RW	N-08034	330-0220
1	5RW	N-08035	330-0230
1-1/4	4RW	N-10034	330-0280
1-1/4	5RW	N-10035	330-0290
1-1/2	4RW	N-12034	330-0360
1-1/2	5RW	N-12035	330-0370

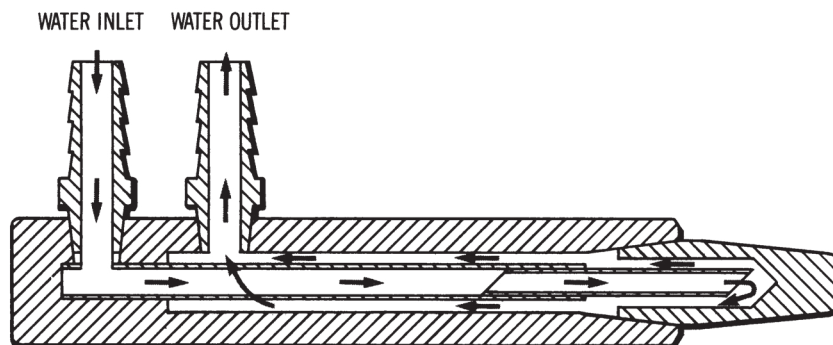


ADJUSTABLE WATER TUBE USE

It is very important that resistance welding electrodes be kept as cool as possible; excessive heat softens them, allowing the nose to mushroom and weld quality to drop.

Adjustable water tubes are used to deflect incoming coolant water to the full extent of the water hole in the electrode. Before installing a tip, check that there is an adjustable coolant tube in place and that it is pulled out far enough so that it will contact the end of the water hole in the tip.

The drawing shows a typical straight holder, but the principle is the same for all types of holders.



Adjustable water tube correctly positioned in tip. Cold water will strike the hottest part of the tip first.

