

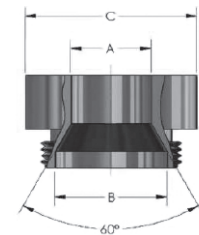
METRIC NUT ELECTRODES

TUFFALOY now stocks the head/pin style welding system components that adds to your selection for stud and nut welding needs. From our standard style to our Arctic, that produces higher quality welds and longer life, you can select the product that best meets your needs.

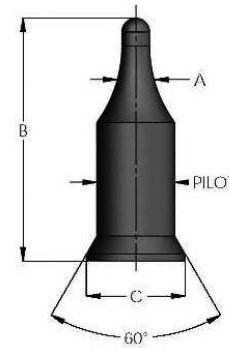
Heads are made from RWMA class 2 material that are an optimal cost consumable. Class 3 and 10W are available for longer life. With a concave seat the pin locates in the center of assembly when air is applied to the system. This gives you a repeatable location for automated nut feeders to introduce the nut to the environment.

Pins have a nonconductive surface on a steel matrix that gives longer life in a repetitive motion environment. With the threaded head securing the pin in place it makes it easy to replace the pin to meet your requirements. TUFFALOY can design pins for special applications.

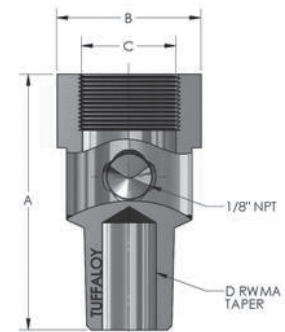
HEADS					
Part Number	Hole Dia.	A Pin Size	B Thread	C Dia.	Copper-Tungsten Faced Heads
175-8004	.197	4mm	M18	1.0	175-8004-10W
175-8005	.236	5mm			175-8005-10W
175-8006	.276	6mm			175-8006-10W
175-8007	.315	7mm			175-8007-10W
175-8008	.354	8mm			175-8008-10W
175-8009	.394	9mm			175-8009-10W
175-8010	.432	10mm	M22	1.125"	175-8010-10W
175-8011	.472	11mm			175-8011-10W
175-8012	.512	12mm			175-8012-10W
175-8013	.551	13mm			175-8013-10W
175-8014	.588	14mm			M26



PINS				
Part Number	A Nut	B OAL	C Base	Pilot Dia.
195-3004	4mm	1.12"	12mm	.185
195-3005	5mm	1.17"		.224
195-3006	6mm	1.23"		.264
195-3007	7mm	1.24"		.303
195-3008	8mm	1.25"		.340
195-3009	9mm	1.19"		.380
195-3010	10mm	1.37"	16mm	.422
195-3011	11mm	1.38"		.458
195-3012	12mm	1.40"		.500
195-3013	13mm	1.37"		.539
195-3014	14mm	1.50"		.815
195-3015	15mm	1.52"	.815	.620



BODIES					
Description	Part Number	A OAL	B Dia.	C Thread	D Taper/Thread
TDH-25A	301-0004	1.77"	1"	18mm	#4
TDH-25C	301-0005	1.97"	1"	18mm	#5
TDH-25C-THD	301-0006	2.13"	1"	18mm	5/8-11
TDH-30A	301-0015	1.97"	1.125"	22mm	#5
TDH-35A	301-0020	1.97"	1.125"	26mm	#5



UPPER ELECTRODE						
Description	Part Number	A ID	B OAL	C Dia.	D Taper	10W
TNFD 16-M5-16-3	186-0101	5mm	2.36"	.625"	5RW	186-0101-10W
TNFD 20-M6-16-3	186-0102	6mm		.75"		186-0102-10W
TNFD 20-M8-16-3	186-0103	7.5mm		.75"		186-0103-10W
TNFD 20-M10-16-3	186-0104	10mm		.75"		186-0104-10W
TNFD 20-M12-16-3	186-0105	12mm		.75"		186-0105-10W

