

METRIC NUT ELECTRODES

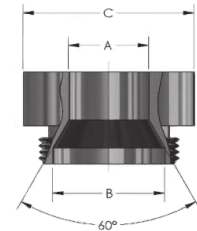
TUFFALOY now stocks the head/pin style welding system components that adds to your selection for stud and nut welding needs. For a complete and updated listing of electrodes that will best meet your needs visit tuffaloy.com/products/nut-and-stud-welding.

Heads are made from RWMA Class 2 (C18200) alloy that are an optimal performance consumable. Class 2 (C18200) with 10W (copper tungsten) face 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.

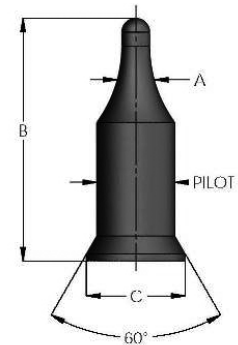
HEADS

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	1.250"	175-8014-10W
175-8015	.625"	15mm			175-8015-10W



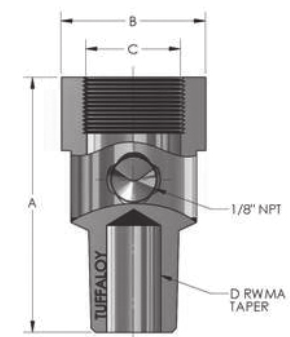
PINS

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"	16mm	.380"
195-3010	10mm	1.37"		.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"	.580"
195-3015	15mm	1.52"		.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"	1.25"	26mm	#5



UPPER ELECTRODE

Description	Part Number	A ID	B OAL	C Dia.	D Taper	Copper-Tungsten Faced Heads
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

