

# PART NUMBER EXPLANATION



## STICK ELECTRODE

(1) Product Part Number: **S129444-035**

### S129444-035

S and the first four digits represent a formula or folio number for a product or specific chemistry.

### S129444-035

The last two digits in the six-digit part number refer to the product diameter/electrode length.

LAST TWO DIGITS	DIAMETER (IN)	DIAMETER (MM)	LENGTH (IN)
30	3/32	2.4	10
31	3/32	2.4	12
32	3/32	2.4	14
44	1/8	3.2	14
51	5/32	4.0	14
58	3/16	4.8	14
59	3/16	4.8	18
70	7/32	5.6	18
81	1/4	6.4	18

### S129444-035

The last three digits after the dash reference the specific package.

LAST THREE DIGITS	
031	50-lb carton
035	50-lb hermetically-sealed can
045	5-lb plastic P-Pak
089	10-lb plastic P-Pak
033	10-lb hermetically-sealed can
032	6-lb hermetically-sealed can
036	5-lb hermetically-sealed can
039	8-lb hermetically-sealed can

For:

**S129444-035**

**S1294** = Hobart 610, **44** = 1/8 diameter, **035**=50-lb HSC

## SOLID WIRE

(1) Product Part Number: **S307608-033**

### S307608-033

S and the first four digits represent a formula or folio number for a product or specific chemistry.

### S307608-033

The last two digits in the six-digit part number refer to the product diameter.

LAST TWO DIGITS	DIAMETER (IN)	DIAMETER (MM)
01	0.024	0.6
06	0.03	0.8
08	0.035	0.9
10	0.04	1.0
12	0.045	1.2
15	0.052	1.4
18	0.062	1.6

### S307608-033

The last three digits after the dash reference the specific package.

LAST THREE DIGITS	
019	2-lb spool
022	10-lb spool
026	30-lb fiber spool
033	33-lb (could be wire basket, fiber, or plastic)
045	45-lb (could be wire or plastic)
085	45-lb fiber spool
028	60-lb spool
011	600-lb drum
074	600-lb recyclable drum
070	950-lb recyclable drum

For:

**S307608-033**

**S3076** = Quantum Arc 6, **08** = 0.035 diameter, **033**=33-lb package

## TUBULAR

(1) Product Part Number: **S294719-029**

### S294719-029

S and the first four digits represent a formula or folio number for a product or specific chemistry.

### S294719-029

The last two digits in the six-digit part number refer to the product diameter.

LAST TWO DIGITS	DIAMETER (IN)	DIAMETER (MM)	LAST TWO DIGITS	DIAMETER (IN)	DIAMETER (MM)
06	0.030	0.8	24	0.072	1.8
08	0.035	0.9	25	5/64	2.0
10	0.039	1.0	29	3/32	2.4
12	0.045	1.2	39	7/64	2.8
15	0.052	1.4	43	1/8	3.2
19	1/16	1.6	50	5/32	4.0
23	0.068	1.7			

### S294719-029

The last three digits after the dash reference the specific package.

LAST THREE DIGITS		LAST THREE DIGITS	
019	2-lb spool	097	100-lb auto-pak
022	10-lb spool	061	250-lb exacto-pak
032	10-lb vacuum pkpd spool	065	250-lb auto-pak
070	12-lb vacuum pkpd spool	064	400-lb exacto-pak
079	12-lb vacuum pkpd spool	050	500-lb exacto-pak
001	14-lb coil	015	500-lb reel
023	15-lb spool	008	600-lb drum
025	15-lb vacuum pkpd spool	018	600-lb drum
082	20-lb vacuum pkpd spool	056	600-lb exacto-pak
029	33-lb spool	084	600-lb auto-pak
028	33-lb vacuum pkpd wire basket	075	750-lb exacto-pak
053	33-lb vacuum pkpd spool	076	750-lb Octagonal drum
044	44-lb spool	017	800-lb recyclable exacto-pak
027	50-lb spool	069	800-lb flat reel
014	50-lb coil	090	900-lb recyclable exacto-pak
002	60-lb coil	096	950-lb flat reel
		058	1000-lb recyclable exacto-pak

For:

**S294719-029**

**S2947** = Element 71M, **19** = 1/16 diameter, **29**=33-lb spool

## ALUMINUM

(1) Product Part Number: **535604712P22**

### 535604712P22

The first four digits refer to the alloy designation.

### 535604712P22

The next three digits are the diameter.

NEXT THREE DIGITS	DIAMETER (IN)	DIAMETER (MM)
035	0.035	0.9
047	3/64	1.2
062	1/16	1.6
084	3/32	2.4
125	1/8	3.2
156	5/32	4

### 535604712P22

The remaining digits following the diameter are the packaging code.

REMAINING DIGITS	
04	4" 1-lb spool
12	12" 16-lb basket
12P	12" 16-lb plastic spool
12P22	12" 22-lb plastic spool
14P	14" 32-lb plastic spool
23E	50-lb drum
23L	100-lb drum
23	300-lb drum
70	36" 40-lb TIG
70B	36" 10lb bulk TIG
73B	43" 10lb Bulk TIG

For:

**535604712P22**

**5356** = MaxalMig 5356, **047** = 3/64 diameter, **12P22**= 12" 22-lb plastic spool



# LOT NUMBER EXPLANATION



(1)  
(2)  
(3)  
(4)

(2)

(5)



(1)  
(2)  
(3)

(4)



(1)  
(2)  
(3)

(4)

(5)



(1)

(3)

(5)

## STICK ELECTRODE

- (1) Product Name
- (2) Product Part number
- (3) Product Classifications
- (4) Lot Number: **23J281 001**

A Lot Number is assigned to a specific run of consecutive electrodes during manufacturing. Hobart technical support can provide context to the specific meaning of the various designators used.

- **23**: Designates the month the specific lot was created. To calculate the correct month, subtract 20. 23-20 = 3<sup>rd</sup> month or March.
- **J**: Designates the year the specific lot was created. For example, "J" designates 2025, "K" designates 2026. Note that some letters may be skipped, such as I, O, Q, U and Y.
- **281**: These numbers are a running count for the month, starting at 200. For example, "281" designates the 81st lot of the month.
- **001**: The final three digits refer to the mix number. In this example, the 001 refers to the first mix made.

(5) UPC Number: **783507125871**

- The 12-digit UPC number is used for internal warehouse operations.

## SOLID WIRE

- (1) Product Name
- (2) Product Part number
- (3) Product Classifications
- (4) Heat Number: **C61452**
- (5) Serial Number: **936122-1325-6**

A Heat Number is assigned to the raw steel by the supplier. These refer to the specific heat and chemistry of the green rod used to manufacture the product.

The serial number provides information that can be used to identify when finished product was manufactured and on what equipment.

- **936122**: Designates the specific "reel" or "stand" product was placed onto for intermediate processing and packaging. This identifier may be either 6 or 7 numerical digits, and is assigned sequentially at the time of label generation.
- **13**: Designates product manufacture occurred on the 13th day of the year (Julian date calendar)
- **25**: Designates product manufacture occurred in the year 2025 (i.e. the 25th year of the 21st century)
- **6**: Designates that the serial number was assigned to the 6th package created from "reel" or "stand" number 936122.

## TUBULAR

- (1) Product Name
- (2) Product Part number
- (3) Product Classifications
- (4) Mix Number: **K00889**
- (5) Serial Number: **965427-8425-18**

A Mix Number is assigned to the specific batch flux powder used to manufacture the product. Hobart technical support can provide context to the specific meaning of the various designators used.

- **K**: Designates the year the specific mix was created. For example, "K" designates 2025.
- **0**: Designates the facility in which the specific mix was created. For example, "0" designates Troy Tubular.
  - "6" designates Piqua Tubular
  - "9" designates KC Tubular
- **0889**: Designates the specific mix that was created. 4-Digit numbers are assigned sequentially at each mix location.

(5) Serial Number: **965427-8425-18**

The serial number provides information that can be used to identify when finished product was manufactured and on what equipment.

- **965427**: Designates the specific "reel" or "stand" product was placed onto for intermediate processing and packaging. This identifier may be either 6 or 7 numerical digits, and is assigned sequentially at the time of label generation.
- **84**: Designates product manufacture occurred on the 84th day of the year (Julian date calendar).
- **25**: Designates product manufacture occurred in the year 2025 (i.e. the 25th year of the 21st century).
- **18**: Designates that the serial number was assigned to the 18<sup>th</sup> package created from "reel" or "stand" number 965427.

## ALUMINUM

- (1) Product Name
- (2) Product Part number
- (3) Product Classifications
- (4) Lot Number: **55JA21**
- (5) Serial Number: **961962-7325-7**

A Lot Number is assigned to a specific run of consecutive electrodes during manufacturing. Hobart technical support can provide context to the specific meaning of the various designators used.

- **5**: Designates the product's alloy classification. 0 = 5554, 3 = 4943, 4 = 4043, 5 = 5356, 7 = 4047, 8 = 5183/5556
- **23-20 = 3<sup>rd</sup> month or March.**
- **5**: Designates product manufacture occurred in the year 2025 (i.e. the 25th year of the 21st century).
- **JA**: Designates product receipt of purchase occurred in the month of January. For example, January = JA, February = FB, March = MR and so on.
- **21**: Designates product receipt of purchase occurred on the 21<sup>st</sup> day of the year (Julian date calendar).

(5) Serial Number: **961962-7325-7**

The serial number provides information that can be used to identify when finished product was manufactured and on what equipment.

- **961962**: Designates the specific "reel" product was placed onto for intermediate processing and packaging. This identifier may be either 6 or 7 numerical digits, and is assigned sequentially at the time of label generation.
- **73**: Designates product manufacture occurred on the 73rd day of the year (Julian date calendar).
- **25**: Designates product manufacture occurred in the year 2025 (i.e. the 25th year of the 21st century).
- **7**: Designates that the serial number was assigned to the 7<sup>th</sup> package created from "reel" number 961962.

