

# PRODUCTION TAPPING SOLUTIONS

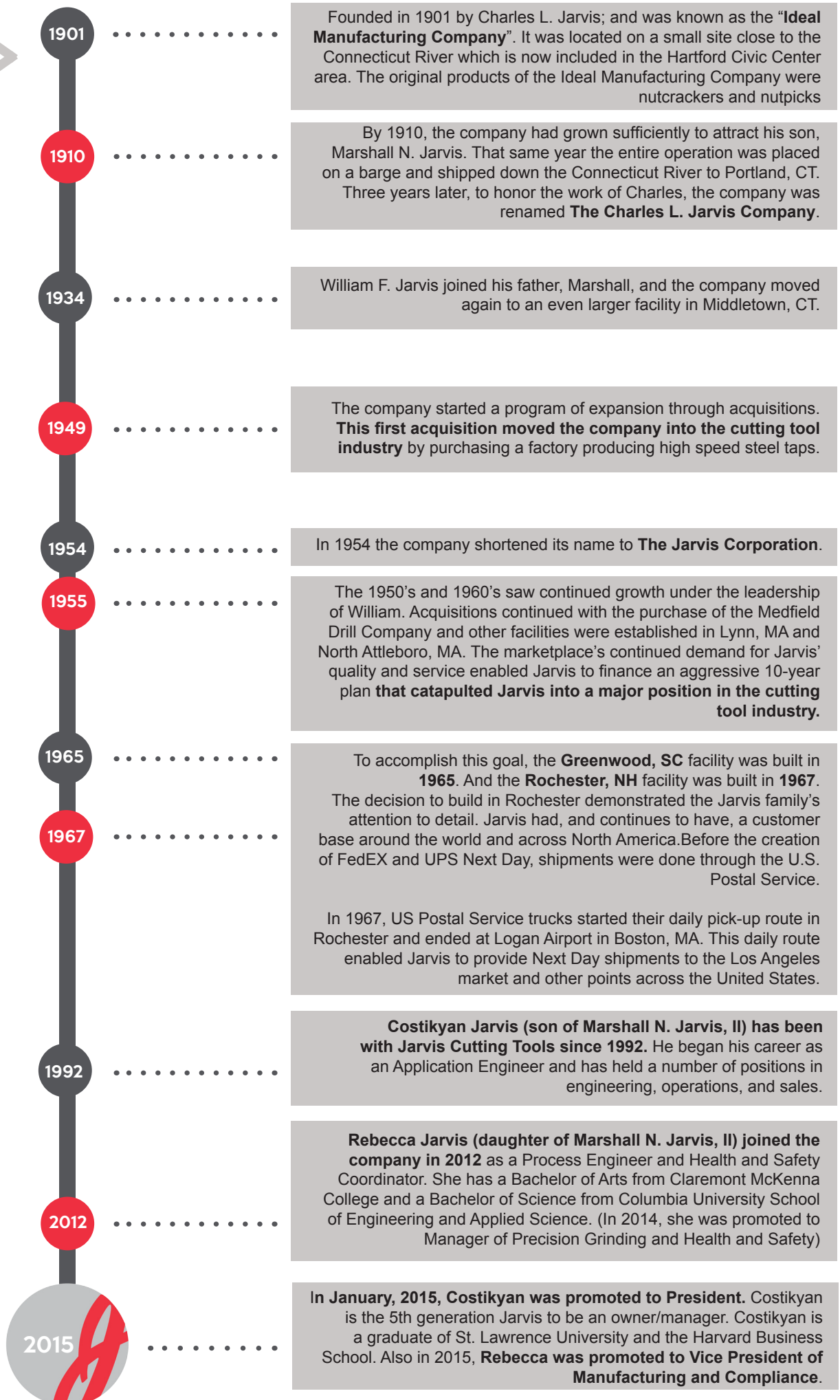
*Foolproof results developed over five generations.*

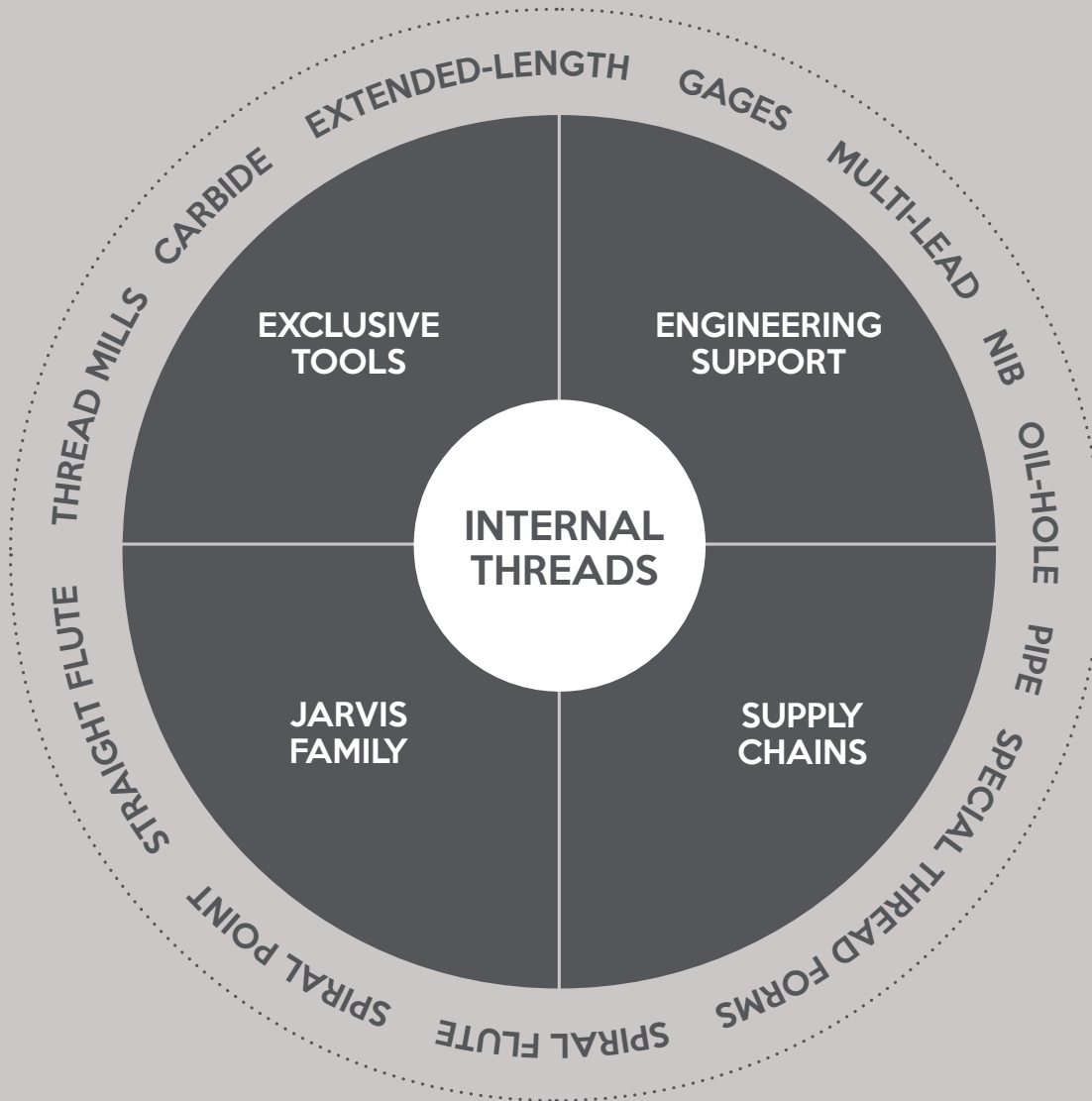
## API TAPS FOR SUCKER ROD COUPLINGS



**Farvis** CUTTING TOOLS

# ABOUT JARVIS





## INTERNAL THREADS ARE OUR PASSION.

**Engineering support** provided directly from our factory engineers.

**Supply chains** customized to provide you tools when you need them.

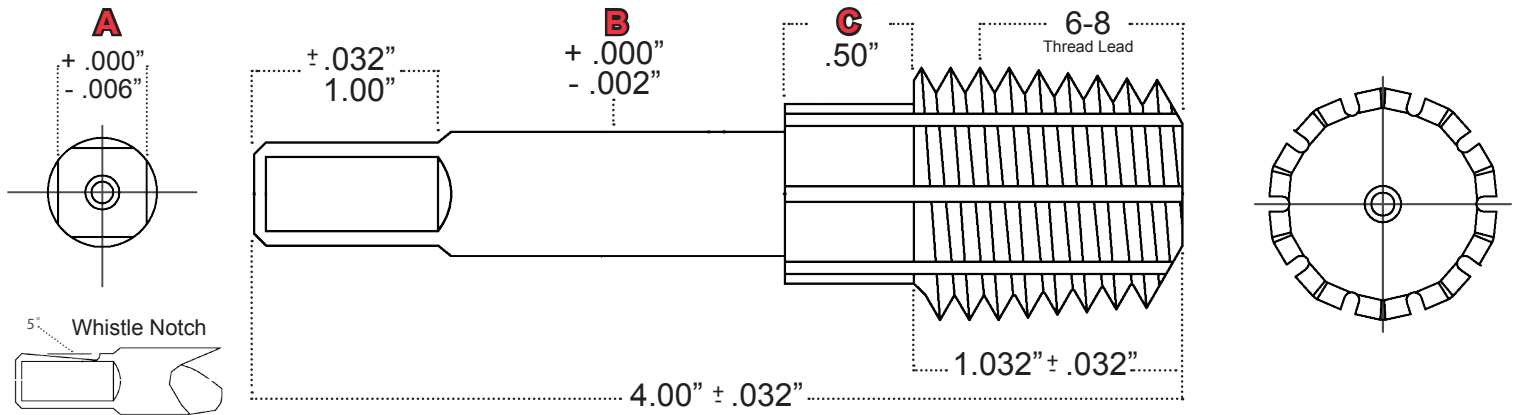
**Tools** designed and manufactured exclusively for you and your application.

Become a part of the **Jarvis family**, we have been partnering with customers for 115 years and counting.

- Carbide
- Extended Length
- Gages
- Multi-Lead
- Nib
- Oil-Hole
- Pipe
- Special Thread Form
- Spiral Flute
- Spiral Point
- Straight Flute
- Thread Mills

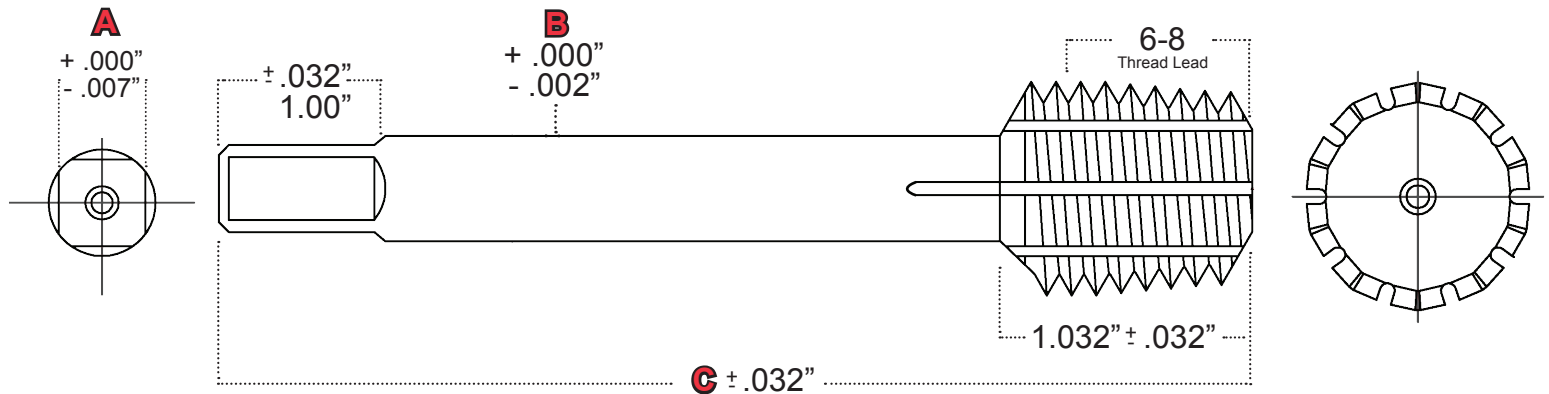
# API JARFLO TAPS

## NORTH & SOUTH AMERICAN API TAP



Tap Size	A	B	C	Pitch Diameter	Part Numbers	
					With Notch	Without Notch
5/8-10	.370	.500	.748	.8800	R841795T	R841798T
3/4-10	.464	.625	.824	1.0055	R843487T	R858450T
7/8-10	.557	.750	.994	1.1305	R843488T	R840700T
1" - 10	.600	.875	1.186	1.3185	R841813T	R841115T
1-1/18-10	.750	1.000	1.354	1.5061	R841814T	R841828T

## ASIAN API TAP

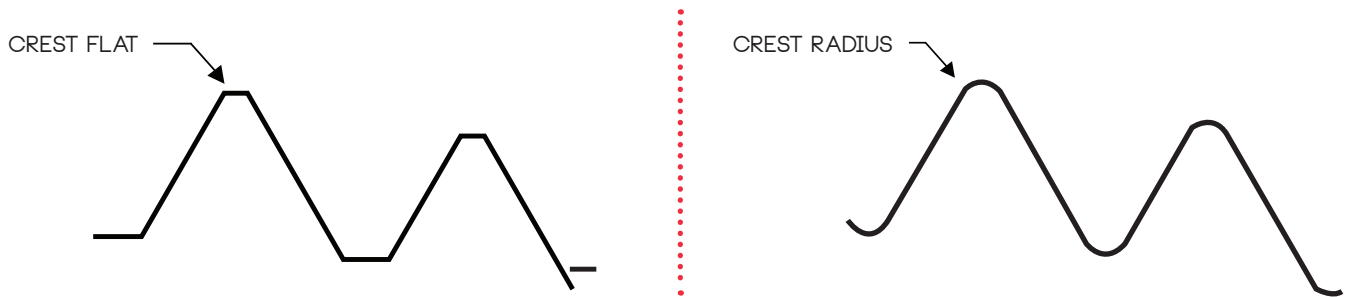


Tap Size	A	B	C	Pitch Diameter	Part Numbers
5/8-10	.696	.710	6.693	.8800	R864148T
3/4-10	.696	.926	6.772	1.0055	R864826T
7/8-10	.696	.926	6.772	1.1305	R868411T
1" - 10	.696	.946	6.772	1.3185	R864827T
1-1/18-10	.853	1.104	7.300	1.5061	R864828T

# FEATURES

## OPTIMAL CREST DESIGN

Jarvis Cutting Tools grinds a crest radius on the major diameter of the tap. Traditionally, taps are produced with Crest Flats. This truncated thread form works well in some applications, but Jarvis ground Crest Radius has **significant advantages in a wide variety of applications, especially API threads**. The Crest Radius provides an “Edge Prep” for forming taps. The rounded shoulders can dramatically increase tap life and create much stronger threads. In fact, there are many applications which now specify Jarvis' Crest Radius because of **the extra strength and performance they provide!**



Sucker rods and sucker rod couplings used for the **Oil and Gas Industry** must be capable of withstanding massive loads. Sucker rods are approximately 30ft in length, attached to a 4" long sucker rod coupling. They are coupled together in depths down to 10,000ft. These connections between the sucker rod and sucker rod coupling are required to withstand high pressure levels during the pumping process; they also bear the entire weight of the sucker rods, which are sometimes several miles deep.

**Jarvis Form Taps are made with a crest radius;** this gives the sucker rod coupling a radius in the root of the thread, which **eliminates fatal stress cracks in the coupling**. Even a minor defect in the coupling or rod assembly in the field may render an oil well useless.

Jarvis Cutting Tools, is the **world leader for form tapping sucker rod couplings**. As a technological and international market leader, Jarvis Cutting Tools has **over 30 years of experience** in the Oil and Gas Industry in this segment of the market. Our thread rolling taps produce high quality threads that meet the demanding API standard.

## JARVIS API TAPS PRODUCE 1800 TO 3800 HOLES





# WE ARE MEMBERS OF THESE TRADE ASSOCIATIONS:



## Other products available from Jarvis Cutting Tools:

We can mail you these brochures / flyers directly, or you can access them on our website. Go to, [www.jarviscuttingtools.com](http://www.jarviscuttingtools.com) and all will be under the "Literature" tab.

PRODUCTION TAPPING SOLUTIONS  
Footprint results developed over five generations.

### AEROSPACE TAPS

Jarvis CUTTING TOOLS

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### JARFLO FORM TAPS

Jarvis CUTTING TOOLS

PRODUCTION TAPPING SOLUTIONS  
Footprint results developed over five generations.

### JARLOCK

GUARANTEED TO SATISFY  
PRECISION CUTTING

THREAD FORMS OFFERED:  
FRONT RAMP  
REAR RAMP

MATERIAL SPECIFIC  
TAPPING, INCLUDING:  
Ductile Iron  
Stainless  
PSS10  
Steel Alloy  
Titanium

INDUSTRIES:  
Automotive  
Aerospace  
Defense and Applications  
Oil Wells  
Oil Wells

OTHER FEATURES:  
Combination Tap Drill  
Controlled Flare  
Cut or Form Taps  
High Speed  
Precision Thread  
Specialized Chamfer Lengths  
Specialized Coatings  
Single Flute, Double Flute, or  
Special Purpose Design

JARLOCK INCREASED  
PRODUCTION IN INCO-718  
FROM 2 HOLES TO 34 HOLES

JARLOCK PRESENTATION

Jarvis CUTTING TOOLS

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### IN-DIE TAPPING

Jarvis CUTTING TOOLS

PRODUCTION TAPPING SOLUTIONS  
Footprint results developed over five generations.

### NUCON 77 MD 31 - HSS

2.54" Overall Length - 100° Tapered Point  
Engineered especially for close tolerance drilling

Size	Material	Length	Price	Size	Material	Length	Price
1/8"	303	1.125	\$1.75	1/2"	303	1.125	\$1.75
1/4"	303	1.125	\$1.75	3/4"	303	1.125	\$1.75
3/8"	303	1.125	\$1.75	1"	303	1.125	\$1.75
1/2"	303	1.125	\$1.75	1 1/4"	303	1.125	\$1.75
3/4"	303	1.125	\$1.75	1 3/4"	303	1.125	\$1.75
1"	303	1.125	\$1.75	2"	303	1.125	\$1.75
1 1/4"	303	1.125	\$1.75	2 1/2"	303	1.125	\$1.75
1 3/4"	303	1.125	\$1.75	3"	303	1.125	\$1.75
2"	303	1.125	\$1.75	3 1/2"	303	1.125	\$1.75
2 1/4"	303	1.125	\$1.75	4"	303	1.125	\$1.75
2 3/4"	303	1.125	\$1.75	4 1/2"	303	1.125	\$1.75
3"	303	1.125	\$1.75	5"	303	1.125	\$1.75
3 1/4"	303	1.125	\$1.75	5 1/2"	303	1.125	\$1.75
3 3/4"	303	1.125	\$1.75	6"	303	1.125	\$1.75
4"	303	1.125	\$1.75	6 1/2"	303	1.125	\$1.75
4 1/4"	303	1.125	\$1.75	7"	303	1.125	\$1.75
4 3/4"	303	1.125	\$1.75	7 1/2"	303	1.125	\$1.75
5"	303	1.125	\$1.75	8"	303	1.125	\$1.75
5 1/4"	303	1.125	\$1.75	8 1/2"	303	1.125	\$1.75
5 3/4"	303	1.125	\$1.75	9"	303	1.125	\$1.75
6"	303	1.125	\$1.75	9 1/2"	303	1.125	\$1.75
6 1/4"	303	1.125	\$1.75	10"	303	1.125	\$1.75
6 3/4"	303	1.125	\$1.75	10 1/2"	303	1.125	\$1.75
7"	303	1.125	\$1.75	11"	303	1.125	\$1.75
7 1/4"	303	1.125	\$1.75	11 1/2"	303	1.125	\$1.75
7 3/4"	303	1.125	\$1.75	12"	303	1.125	\$1.75
8"	303	1.125	\$1.75	12 1/2"	303	1.125	\$1.75
8 1/4"	303	1.125	\$1.75	13"	303	1.125	\$1.75
8 3/4"	303	1.125	\$1.75	13 1/2"	303	1.125	\$1.75
9"	303	1.125	\$1.75	14"	303	1.125	\$1.75
9 1/4"	303	1.125	\$1.75	14 1/2"	303	1.125	\$1.75
9 3/4"	303	1.125	\$1.75	15"	303	1.125	\$1.75
10"	303	1.125	\$1.75	15 1/2"	303	1.125	\$1.75
10 1/4"	303	1.125	\$1.75	16"	303	1.125	\$1.75
10 3/4"	303	1.125	\$1.75	16 1/2"	303	1.125	\$1.75
11"	303	1.125	\$1.75	17"	303	1.125	\$1.75
11 1/4"	303	1.125	\$1.75	17 1/2"	303	1.125	\$1.75
11 3/4"	303	1.125	\$1.75	18"	303	1.125	\$1.75
12"	303	1.125	\$1.75	18 1/2"	303	1.125	\$1.75
12 1/4"	303	1.125	\$1.75	19"	303	1.125	\$1.75
12 3/4"	303	1.125	\$1.75	19 1/2"	303	1.125	\$1.75
13"	303	1.125	\$1.75	20"	303	1.125	\$1.75
13 1/4"	303	1.125	\$1.75	20 1/2"	303	1.125	\$1.75
13 3/4"	303	1.125	\$1.75	21"	303	1.125	\$1.75
14"	303	1.125	\$1.75	21 1/2"	303	1.125	\$1.75
14 1/4"	303	1.125	\$1.75	22"	303	1.125	\$1.75
14 3/4"	303	1.125	\$1.75	22 1/2"	303	1.125	\$1.75
15"	303	1.125	\$1.75	23"	303	1.125	\$1.75
15 1/4"	303	1.125	\$1.75	23 1/2"	303	1.125	\$1.75
15 3/4"	303	1.125	\$1.75	24"	303	1.125	\$1.75
16"	303	1.125	\$1.75	24 1/2"	303	1.125	\$1.75
16 1/4"	303	1.125	\$1.75	25"	303	1.125	\$1.75
16 3/4"	303	1.125	\$1.75	25 1/2"	303	1.125	\$1.75
17"	303	1.125	\$1.75	26"	303	1.125	\$1.75
17 1/4"	303	1.125	\$1.75	26 1/2"	303	1.125	\$1.75
17 3/4"	303	1.125	\$1.75	27"	303	1.125	\$1.75
18"	303	1.125	\$1.75	27 1/2"	303	1.125	\$1.75
18 1/4"	303	1.125	\$1.75	28"	303	1.125	\$1.75
18 3/4"	303	1.125	\$1.75	28 1/2"	303	1.125	\$1.75
19"	303	1.125	\$1.75	29"	303	1.125	\$1.75
19 1/4"	303	1.125	\$1.75	29 1/2"	303	1.125	\$1.75
19 3/4"	303	1.125	\$1.75	30"	303	1.125	\$1.75
20"	303	1.125	\$1.75	30 1/2"	303	1.125	\$1.75
20 1/4"	303	1.125	\$1.75	31"	303	1.125	\$1.75
20 3/4"	303	1.125	\$1.75	31 1/2"	303	1.125	\$1.75
21"	303	1.125	\$1.75	32"	303	1.125	\$1.75
21 1/4"	303	1.125	\$1.75	32 1/2"	303	1.125	\$1.75
21 3/4"	303	1.125	\$1.75	33"	303	1.125	\$1.75
22"	303	1.125	\$1.75	33 1/2"	303	1.125	\$1.75
22 1/4"	303	1.125	\$1.75	34"	303	1.125	\$1.75
22 3/4"	303	1.125	\$1.75	34 1/2"	303	1.125	\$1.75
23"	303	1.125	\$1.75	35"	303	1.125	\$1.75
23 1/4"	303	1.125	\$1.75	35 1/2"	303	1.125	\$1.75
23 3/4"	303	1.125	\$1.75	36"	303	1.125	\$1.75
24"	303	1.125	\$1.75	36 1/2"	303	1.125	\$1.75
24 1/4"	303	1.125	\$1.75	37"	303	1.125	\$1.75
24 3/4"	303	1.125	\$1.75	37 1/2"	303	1.125	\$1.75
25"	303	1.125	\$1.75	38"	303	1.125	\$1.75
25 1/4"	303	1.125	\$1.75	38 1/2"	303	1.125	\$1.75
25 3/4"	303	1.125	\$1.75	39"	303	1.125	\$1.75
26"	303	1.125	\$1.75	39 1/2"	303	1.125	\$1.75
26 1/4"	303	1.125	\$1.75	40"	303	1.125	\$1.75
26 3/4"	303	1.125	\$1.75	40 1/2"	303	1.125	\$1.75
27"	303	1.125	\$1.75	41"	303	1.125	\$1.75
27 1/4"	303	1.125	\$1.75	41 1/2"	303	1.125	\$1.75
27 3/4"	303	1.125	\$1.75	42"	303	1.125	\$1.75
28"	303	1.125	\$1.75	42 1/2"	303	1.125	\$1.75
28 1/4"	303	1.125	\$1.75	43"	303	1.125	\$1.75
28 3/4"	303	1.125	\$1.75	43 1/2"	303	1.125	\$1.75
29"	303	1.125	\$1.75	44"	303	1.125	\$1.75
29 1/4"	303	1.125	\$1.75	44 1/2"	303	1.125	\$1.75
29 3/4"	303	1.125	\$1.75	45"	303	1.125	\$1.75
30"	303	1.125	\$1.75	45 1/2"	303	1.125	\$1.75
30 1/4"	303	1.125	\$1.75	46"	303	1.125	\$1.75
30 3/4"	303	1.125	\$1.75	46 1/2"	303	1.125	\$1.75
31"	303	1.125	\$1.75	47"	303	1.125	\$1.75
31 1/4"	303	1.125	\$1.75	47 1/2"	303	1.125	\$1.75
31 3/4"	303	1.125	\$1.75	48"	303	1.125	\$1.75
32"	303	1.125	\$1.75	48 1/2"	303	1.125	\$1.75
32 1/4"	303	1.125	\$1.75	49"	303	1.125	\$1.75
32 3/4"	303	1.125	\$1.75	49 1/2"	303	1.125	\$1.75
33"	303	1.125	\$1.75	50"	303	1.125	\$1.75
33 1/4"	303	1.125	\$1.75	50 1/2"	303	1.125	\$1.75
33 3/4"	303	1.125	\$1.75	51"	303	1.125	\$1.75
34"	303	1.125	\$1.75	51 1/2"	303	1.125	\$1.75
34 1/4"	303	1.125	\$1.75	52"	303	1.125	\$1.75
34 3/4"	303	1.125	\$1.75	52 1/2"	303	1.125	\$1.75
35"	303	1.125	\$1.75	53"	303	1.125	\$1.75
35 1/4"	303	1.125	\$1.75	53 1/2"	303	1.125	\$1.75
35 3/4"	303	1.125	\$1.75	54"	303	1.125	\$1.75
36"	303	1.125	\$1.75	54 1/2"	303	1.125	\$1.75
36 1/4"	303	1.125	\$1.75	55"	303	1.125	\$1.75
36 3/4"	303	1.125	\$1.75	55 1/2"	303	1.125	\$1.75
37"	303	1.125	\$1.75	56"	303	1.125	\$1.75
37 1/4"	303	1.125	\$1.75	56 1/2"	303	1.125	\$1.75
37 3/4"	303	1.125	\$1.75	57"	303	1.125	\$1.75
38"	303	1.125	\$1.75	57 1/2"	303	1.125	\$1.75
38 1/4"	303	1.125	\$1.75	58"	303	1.125	\$1.75
38 3/4"	303	1.125	\$1.75	58 1/2"	303	1.125	\$1.75
39"	303	1.125	\$1.75	59"	303	1.125	\$1.75
39 1/4"	303	1.125	\$1.75	59 1/2"	303	1.125	\$1.75
39 3/4"	303	1.125	\$1.75	60"	303	1.125	\$1.75
40"	303	1.125	\$1.75	60 1/2"	303	1.125	\$1.75
40 1/4"	303	1.125	\$1.75	61"	303	1.125	\$1.75
40 3/4"	303	1.125	\$1.75	61 1/2"	303	1.125	\$1.75
41"	303	1.125	\$1.75	62"	303	1.125	\$1.75
41 1/4"	303	1.125	\$1.75	62 1/2"	303	1.125	\$1.75
41 3/4"	303	1.125	\$1.75	63"	303	1.125	\$1.75
42"	303	1.125	\$1.75	63 1/2"	303	1.125	\$1.75
42 1/4"	303	1.125	\$1.75	64"	303	1.125	\$1.75
42 3/4"	303	1.125	\$1.75	64 1/2"	303	1.125	\$1.75
43"	303	1.125	\$1.75	65"	303	1.125	\$1.75
43 1/4"	303	1.125	\$1.75	65 1/2"	303	1.125	\$1.75
43 3/4"	303	1.125	\$1.75	66"	303	1.125	\$1.75
44"	303	1.125	\$1.75	66 1/2"	303	1.125	\$1.75
44 1/4"	303	1.125	\$1.75	67"	303	1.125	\$1.75
44 3/4"	303	1.125	\$1.75	67 1/2"	303	1.125	\$1.75
45"	303	1.125	\$1.75	68"	303	1.125	\$1.75
45 1/4"	303	1.125	\$1.75	68 1/2"	303	1.125	\$1.75
45 3/4"	303	1.125	\$1.75	69"	303	1.125	\$1.75
46"	303	1.125	\$1.75	69 1/2"	303	1.125	\$1.75
46 1/4"	303	1.125	\$1.75	70"	303	1.125	\$1.75
46 3/4"	303	1.125	\$1.75	70 1/2"	303	1.125	\$1.75
47"	303	1.125	\$1.75	71"	303	1.125	\$1.75
47 1/4"	303	1.125	\$1.75	71 1/2"	303	1.125	\$1.75