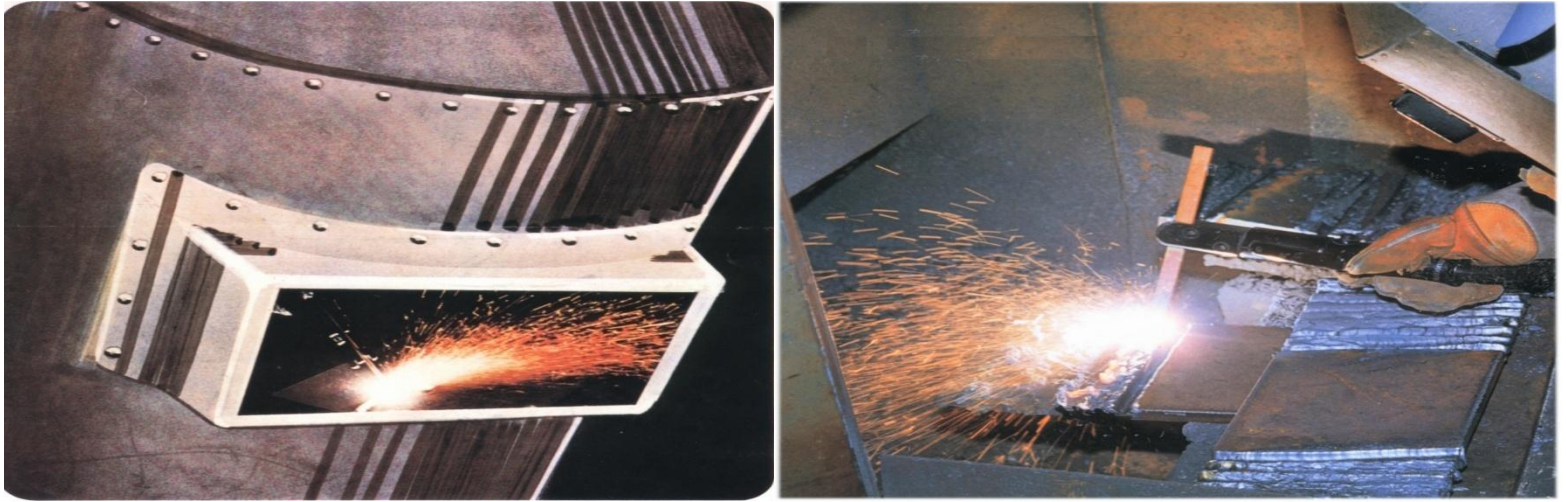
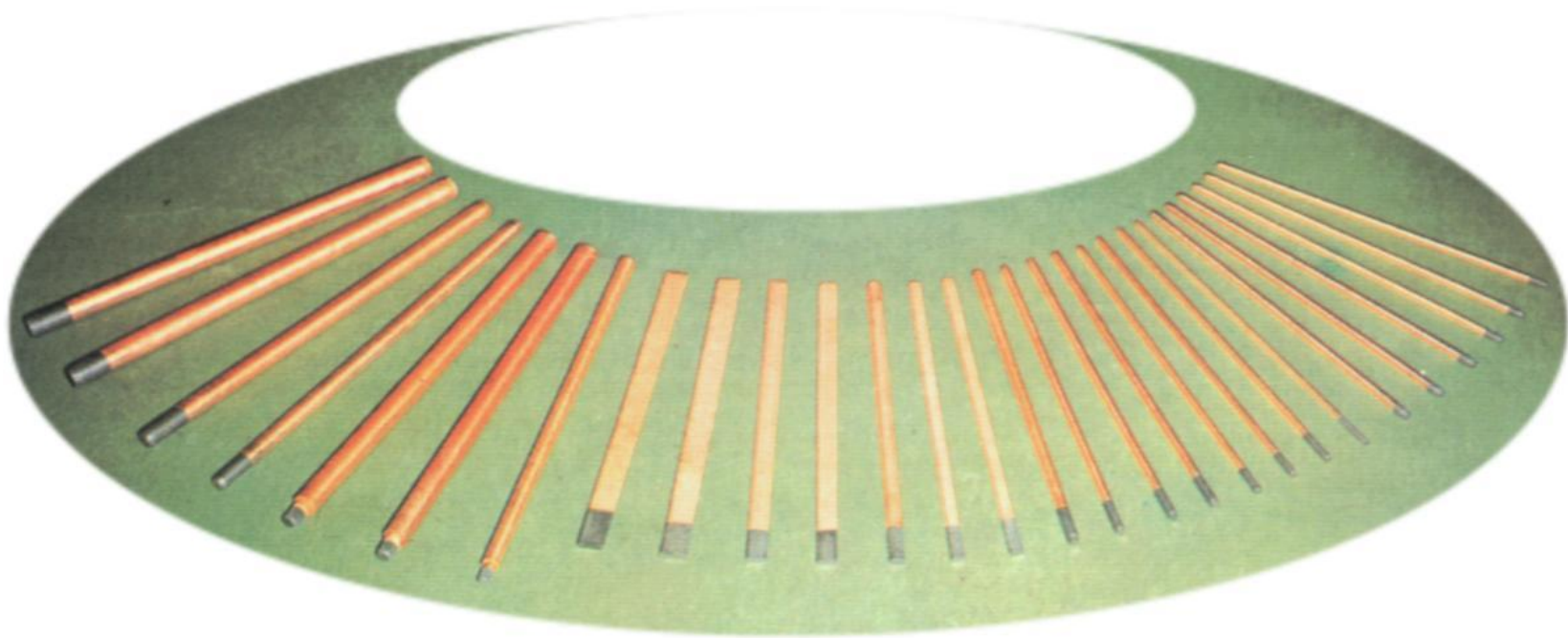


TAIMATSU



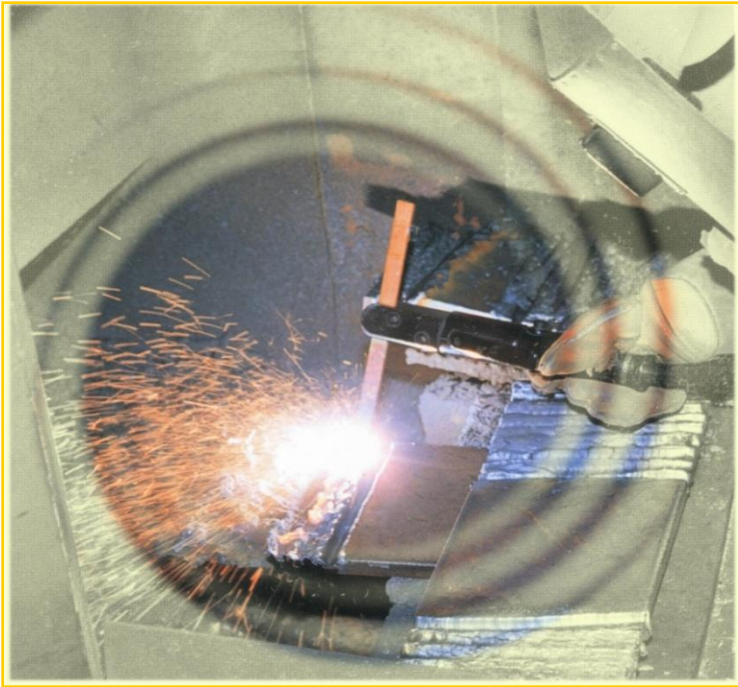
TAIMATSU Gouging Carbons



Taimatsu Tech. Co., Ltd.

台松科技股份有限公司

✦ Gouging Carbon principle



In the electric arc gouging method an electric arc is generated between the gouging carbon and the metal to be removed, causing the unwanted metal to melt.

Meanwhile high-speed air is blown along the gouging carbon removing the melted metal. This gouging method is used comprehensively in industries worldwide.

✦ Uses of gouging carbon :



Highway Construction



Shipbuilding



Bulldozer Manufacturing



Bridge Construction

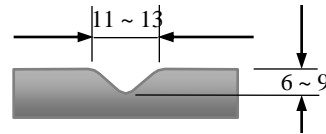
TAIMATSU . . . The Reliable Brand In Gouging

TAIMATSU gouging carbons are manufactured by Taimatsu Tech. Co.,Ltd. TAIMATSU gouging carbons are manufactured with the best selected materials under the strict quality control system. Every user of TAIMATSU are assured of the most economical and efficient carbon arc gouging operation. "TAIMATSU" has been rendering satisfactory service to prominent manufacturers of the world. In addition, our TAIMATSU gouging carbon have been produced for a serial and completed models, in order to provide and satisfy customers varied , specific needs for working.

Specifications

1. GOUGING CARBONS [DC] (For gouging, cutting and boring)

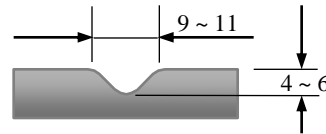
Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Groove		Cutting Width(m/m)	Boring Dia.(m/m)
	(m/m)	(inch)			Width(m/m)	Depth(m/m)		
40G	4.0 x 305	5/32 x 12	150 ~ 200	Approx. 10	6 ~ 8	3 ~ 4	Approx. 7	Approx. 8
50G	5.0 x 305	3/16 x 12	150 ~ 200	" 12	7 ~ 9	3 ~ 5	" 8	" 8
65G	6.5 x 305	1/4 x 12	200 ~ 250	" 18	9 ~ 11	4 ~ 6	" 9	" 10
80G	8.0 x 305	5/16 x 12	250 ~ 350	" 33	11 ~ 13	6 ~ 9	" 11	" 12
95G	9.5 x 305	3/8 x 12	350 ~ 450	" 49	13 ~ 15	8 ~ 12	" 13	" 14
110G	11.0 x 305	7/16 x 12	450 ~ 600	" 65	14 ~ 16	10 ~ 13	" 14	" 15



80G
250 ~ 350A

2. HOLLOW GOUGING CARBONS [DC] (For gouging, cutting and boring)

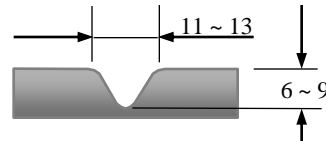
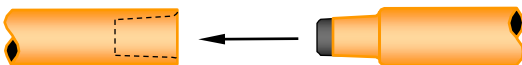
Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Groove		Cutting Width(m/m)	Boring Dia.(m/m)
	(m/m)	(inch)			Width(m/m)	Depth(m/m)		
65GN	6.5 x 305	1/4 x 12	200 ~ 250	約 15	9 ~ 11	4 ~ 6	Approx. 9	Approx. 10
80GN	8.0 x 305	5/16 x 12	250 ~ 350	" 24	10 ~ 12	6 ~ 9	" 11	" 12
95GN	9.5 x 305	3/8 x 12	350 ~ 450	" 32	12 ~ 14	8 ~ 12	" 13	" 14
110GN	11.0 x 305	7/16 x 12	450 ~ 600	" 46	14 ~ 16	10 ~ 13	" 14	" 15



65GN
250 ~ 350A


3. JOINT-TYPE GOUGING CARBONS [DC] (For gouging, cutting and boring)

Model No.	Size		Current Range (amp)	Metal Removal (g/cm)
	(m/m)	(inch)		
80J	8.0 x 355	5/16 x 14	250 ~ 350	Approx. 33
95J	9.5 x 355	3/8 x 14	350 ~ 450	" 49
110J	11.0 x 355	7/16 x 14	450 ~ 600	" 65



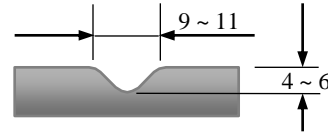
80J
250 ~ 350A

4. BLASTING CARBONS [DC] (For cleaning surface of casting)

Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Shape
	(m/m)	(inch)			
130B	13.0 x 355	1/2 x 14	700 ~ 900	Approx. 90	
160B	16.0 x 355	5/8 x 14	1,000 ~ 1,200	" 140	
190B	19.0 x 355	3/4 x 14	1,200 ~ 1,400	" 190	

5. A.C. GOUGING CARBONS (For gouging, cutting and boring)

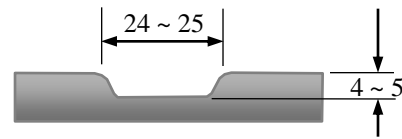
Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Groove		Cutting Width (m/m)	Boring Dia.(m/m)
	(m/m)	(inch)			Width(m/m)	Depth(m/m)		
40AG	4.0 x 305	5/32 x 12	100 ~ 250	Approx. 6	6 ~ 8	3 ~ 4	Approx. 6	Approx. 7
50AG	5.0 x 305	3/16 x 12	200 ~ 300	" 10	7 ~ 9	3 ~ 5	" 7	" 8
65AG	6.5 x 305	1/4 x 12	250 ~ 350	" 15	9 ~ 11	4 ~ 6	" 9	" 10
80AG	8.0 x 305	5/16 x 12	300 ~ 450	" 24	10 ~ 12	5 ~ 7	" 10	" 11
95AG	9.5 x 305	3/8 x 12	350 ~ 500	" 32	12 ~ 14	6 ~ 8	" 12	" 13



65AG
250 ~ 350A

6. BEAD BLASTING CARBONS [DC] (For elimination of welded beads, cutting and removal of flaws in the welded)

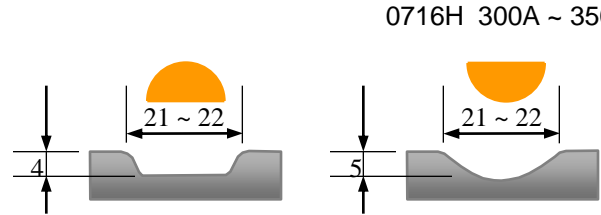
Model No.	Size		Current Range (amp)	Metal Removal (g/cm)
	(m/m)	(inch)		
0510S	10 x 5 x 305	3/8 x 3/16 x 12	250 ~ 350	Approx. 30
0515S	15 x 5 x 305	9/16 x 3/16 x 12	350 ~ 450	" 45
0520S	20 x 5 x 305	3/4 x 3/16 x 12	450 ~ 600	" 67



450A ~ 500A
0520S

7. SEMI-CIRCLE CARBONS [DC] (For removing welded beads, and elimination of flaws such as cracks and wrapping slag.)

Model No.	Size		Current Range (amp)	Metal Removal (g/cm)
	(m/m)	(inch)		
0713H	W H 13 x 7 x 305	1/2 x 9/32 x 12	300 ~ 400	Approx. 50
0716H	16 x 7 x 305	3/8 x 9/32 x 12	350 ~ 450	" 60



0716H 300A ~ 350A

8. JOINT-TYPE CARBONS [DC] (For uses of cleaning surface of casting)

Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Shape
	(m/m)	(inch)			
130J	13.0 x 355	1/2 x 14	700 ~ 900	Approx. 90	
130JL	13.0 x 430	1/2 x 17	700 ~ 900	" 90	
160J	16.0 x 355	5/8 x 14	1,000 ~ 1,200	" 140	
160JL	16.0 x 430	5/8 x 17	1,000 ~ 1,200	" 140	
190J	19.0 x 355	3/4 x 14	1,200 ~ 1,400	" 190	
190JL	19.0 x 430	3/4 x 17	1,200 ~ 1,400	" 190	

Excellent Quality Features :

- (1) High efficiency and low material consumption.
- (2) Finely-shaped finish without bad effect on the base metal.
- (3) Flaws in the welded part easily found.
- (4) Available for both steel plate and for non-oxidized metal.
- (5) Stable arc and noiseless workability guaranteed.
- (6) Uniform quality, and simple operation ... for training of operators.

★ Quality Assurance & Environmental Protection



ISO 9001

ISO 14001

Our **TAIMATSU** gouging carbons have the best quality in the world and have been exported to worldwide market such as: USA, Canada, Central & Southern America, Europe, Africa, Japan, Asia and Oceania. And have gained excellent reputations and confidences from all of our esteemed customers in the world.



Taimatsu Tech. Co., Ltd. 台松科技股份有限公司

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