

JEONG EUN
TUNGSTEN CARBIDE
FOR CONCRETE PUMP CAR





We are equipped with high quality technology and solid production base through long time accumulated research and know-how.

Reliable corporate partner with customer
We are building trust as a company that grows together.

Dear,

JEONG EUN TUNGSTEN CARBIDE CO., LTD is a specialist that manufactures pump car wear plate, wearing and tungsten carbide for wear-resistant, shock-resistant semiconductor, and cold forging mold tool with high precision and high quality. We hold the technology that can produce the best quality product with continuous technology development and quality management. Currently we are exporting our products to Southeast Asia and Japan etc.

We try to do the best effort in the strict process management and quality control from mixing to completion for the high quality tungsten carbide through continuous development and research in concrete pump car and mining product, we will try to be a company that contributes to the development of tungsten carbide and mold technology through the introduction of new facility and constant R&D.

Thank you.

- Employees and executives
of JEONG EUN TUNGSTEN CARBIDE CO.,LTD

Company name	JEONG EUN TUNGSTEN CARBIDE CO.,LTD
Representative	Park Su Heung
Foundation year	November 1992
Major production items	Pump car wear plate and ware ring Abrasion resistant, shock resistant, tungsten carbide for semiconductor High precision, high quality cold forging mold tool professional production
Headquarter factory	544-12, Jaan-ri, Bibong-myeon, Hwaseong, Gyeonggi-do
Tel	+82-31-355-6101~3
Fax	+82-31-355-6100
Web	www.jehardmetal.com
E-mail	je6101@hanmail.net



Molding facilities

- Hwacheon MCT
- Hwacheon wide use shelf
- Tool grinder
- Discharger
- Tongil wide use milling
- Tongil cylinder type grinder
- Tongil CNC
- OKAMOTO small size plate grinding machine
- OKAMOTO plate grinding machine x2
- TIC cylinder type grinder
- WIA C.N.C

Sintering facilities

- Blazing furnace x2
- Vacuum sintering machine No.1 100kg
- Vacuum sintering machine No.2 100kg
- Vacuum sintering machine No.3 50kg

Test equipment

- 4pim measuring instrument
- Density measurer
- Projector
- H.C measuring instrument
- Hardness measuring instrument
- Electron microscope

Press facilities

- 50T press
- 130T press
- 250T press
- Auto press x2

Mixing, dry facilities

- 100kg dryer
- 300kg dryer
- 300kg Ball Mill
- Test ball Mill
- 100kg Ball Mill

Concrete pump car products by JEONG EUN TUNGSTEN CARBIDE

The abrasion surface of Concrete pump car wear plate & ring parts of JEONG EUN TUNGSTEN CARBIDE is composed of tungsten tungsten carbide which guarantees excellent abrasion resistance and long life span.

Cost effectiveness compared to other company, excellent function, continuous effort for quality enhancement through periodical test and experiment.



JWP 230



JWP 280



KKT-8"



KKT-9"



	JWP 230		JWP 280	
Name	Concrete Pump car Wear Plate	Concrete Pump car Wear Ring	Concrete Pump car Big Mouth Wear Plate	Concrete Pump car Big Mouth Wear Ring
Standard	Ram Piston ø200		Ram Piston ø230	
Size	570 x 320 x 35T	ø250 x 187 x 38T	570 x 340 x 25T	ø280 x 218 x 55T
Type	Friction Surfaces – Tungsten carbide Inner Ring – Cr-Mo-Mn Hardened steel		Friction Surfaces – Tungsten carbide, Inner Ring – Cr-Mo-Mn Hardened steel	
Lifespan	100,000 CBM	4~50,000 CBM	100,000 CBM	4~50,000 CBM

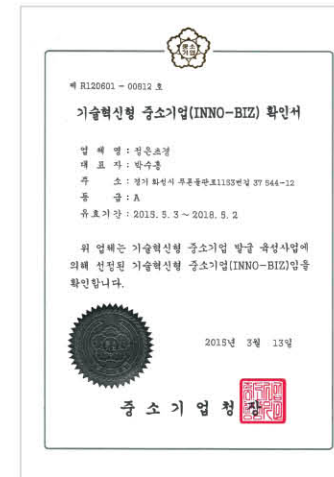
	KKT-8"		KKT-9"	
Name	Concrete Pump car Kyokuto Wear Plate 8in	Concrete Pump car Kyokuto Wear Ring 8in	Concrete Pump car Kyokuto Wear Plate 9in	Concrete Pump car Kyokuto Wear Ring 9in
Standard	Ram Piston ø260		Ram Piston ø264.5	
Size	580 x 335 x 29T	ø260 x 204 x 35T	580 x 335 x 29T	ø264.5 x 218 x 35T
Type	Friction Surfaces – Tungsten carbide Inner Ring – Tungsten carbide		Friction Surfaces – Tungsten carbide Inner Ring – Tungsten carbide	
Lifespan	100,000 CBM	4~50,000 CBM	100,000 CBM	4~50,000 CBM

JEONG EUN TUNGSTEN CARBIDE CO.,LTD
is producing more various tungsten
carbide products.

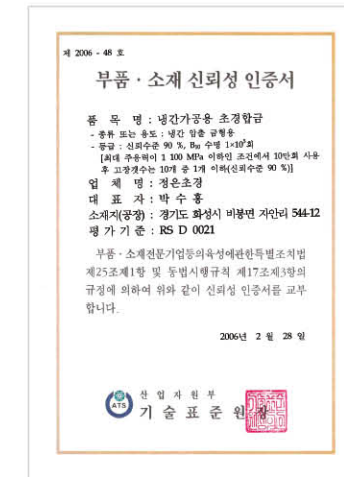
- Cold forging (D60~D80)
- Blanking mold material (D60~D80)
- Semiconductor material (JE10,JE12)
- Powder mold material (D30~D50)
- Mine tool material (D55)
- * Refer to kinds table at the back of the catalog.



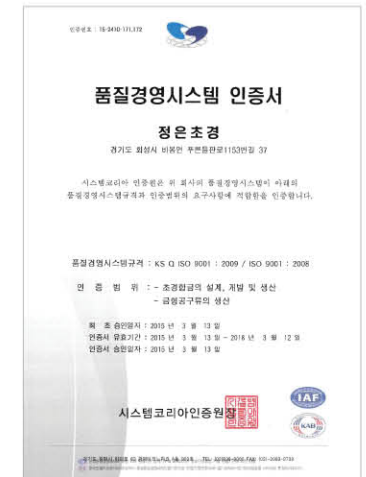
Certificates and patents



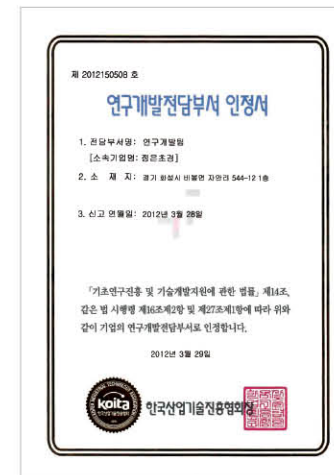
INNOBIZ Certification



Component Material
Reliability Certificate



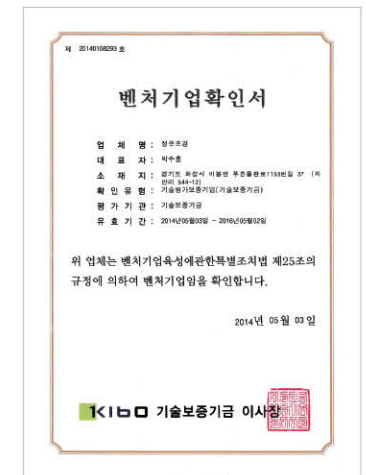
ISO9001 Certificate



Research Dedicated Development
Department Certificate



Clean Workplace Certificate



Venture Business Confirmation



Concrete Pump Car Nondestructive Inspection Test Result Report



Patent Certificate

JEONG EUN Tungsten carbide list table

Kind name	Density	Hardness	Remark	Comparison with domestic companies		
	g/cc	Hra (+/-0.5)		SS	KJ	TCY
JE10	14.3	92	(Die & Punch) motor core molding for electronic materials and semiconductor		UF10	
JE12	14.18	91.5		KF12	JF12	SC
D30	14.66	91.2	Drawing dies, plug, nozzle power dies Cutter Cold forming	G2	KG3	D3
D40	14.25	89.7	Mold material drawing dies	G4	KG5	D4
D50	14.06	89.1		G5	KG6	D5
D55	14.14	87	For mine	G5	KG6	KE50
D60	13.89	86.4	HD, forging dies Blanking punch Ball die Guide roll	G6	KG6	D6
D70	13.46	85.3		G7	KM7	Z8
D75	13.34	84.3	HD, forging dies Blanking punch Sara bolt Shock dies Nail	M8	KM8	M8
D80	13.19	82.6				
FL	13.11	81.2				
Remark	Available sizes by kinds include ø 8- ø 150. Length: Maximum 60mm in case of less than ø 50, Maximum 150mm in case of more than ø 50. Accurate work size is subject of consultation.					



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