

GMI

HARDOX® WEAR PLATE **WELDOX®** HIGH STRENGTH STEEL **TOOLOX®** ENGINEERING & TOOL STEEL

HARDOX®

WEAR PLATE

WEARPARTS

HARDOX 전문가공 파트너

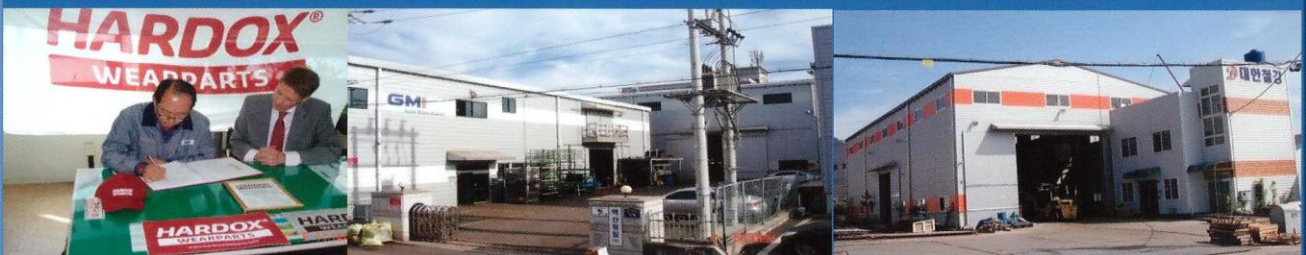


HARDOX 600 , Shear Blades

HARDOX 450/500 , Cutting Edge

Plastic / Rubber / Waste Tire Shear Blades

Shredder Blades



Global Motors Industry Co., Ltd

HARDOX 600 절단 날

· HARDOX WEARPARTS

- ➔ Hardox가공전문 파트너
- ➔ Hardox를 활용한 비용절감방안제시

· 제공서비스

- 1) Gas cutting
 - 2) Plasma cutting
 - 3) Laser cutting
 - 4) Water Jet cutting
 - 5) Roll & Press bending
 - 6) Hole drilling & facing
 - 7) Counter boring/Sinking
 - 8) Fabrication & Welding
- 등의 Total Solution 제공



절단 콘크리트 절단용 칼날 (Shear Blades) ●
일본 콘크리트 절단용 Shear Blades(DW series) ●

Part Number	Picture	Material	Size (mm)			Hole & TAP		Use	Remarks
			T	W	L	Division	Size		
DW-001		Hardox 600	24	120	80	TAP	M 16	Shear blade for shear cutter	Korean shear cutter
DW-002		Hardox 500	60	93	67			Tooth for Pulverizer	Korean Multi-Processor
DW-003		Hardox 600	25	142	120	TAP	M 16	Shear blade for shear cutter	Korean shear cutter
DW-004		Hardox 600	25 (30T)	120	75	TAP	M 20	Shear blade for shear cutter	Korean shear cutter & Pulverizer
DW-005		Hardox 600	30	200	70	TAP	M 20	Shear blade for shear cutter	Korean shear cutter & Pulverizer
DW-006		Hardox 600	24.5	200	65	TAP	M 16	Shear blade for shear cutter	Korean shear cutter & Pulverizer
DW-007		Hardox 600	30	140	120	TAP	M 16	Shear blade for shear cutter	Korean shear cutter & Pulverizer
DW-008		Hardox 600	25+0.1 (30T)	120	80	TAP	M 16	Shear blade for shear cutter	Korean shear cutter & Pulverizer
DW-009		Hardox 600	29	131.5	80	TAP	M 20	Shear blade for shear cutter	Korean shear cutter & Pulverizer

절단 콘크리트 절단용 칼날 (Shear Blades) ●

일본 콘크리트 절단용 Shear Blades(GW series) ●

Part Number	Picture	Material	Size (mm)			Hole & TAP		Use	Remarks
			T	W	L	Division	Size		
GB-001		Hardox 600	40	275	120	TAP	M 20	Shear blade for shear cutter	Japan shear cutter Blade (OKADA)
GB-002		Hardox 600	40	275	80	TAP	M 20	Shear blade for shear cutter	Japan shear cutter Blade (OKADA)
GB-003		Hardox 600	24.5	200	65	Hole	M 20 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-004		Hardox 600	28.8	267.6	47.6	Hole	M 16 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-005		Hardox 600	38.2	76.2	76.2	Hole	M 16 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-006		Hardox 600	38.2	251	76.2	Hole	M 16 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-007		Hardox 600	38.2	212.8	76.2	Hole	M 16 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-008		Hardox 600	38.2	114.3	76.2	Hole	M 16 C/B	Shear blade for shear cutter	Japan shear cutter Blade (Common)
GB-009		Hardox 550	39	270	114	C/B		Shear blade for shear cutter	Stanley cutter Blade
GB-010		TOOLGX 44	71	480	140	C/B		Shear blade for shear cutter	Stanley cutter Blade

- ▶ 소재 : HARDOX 600 (HB600, Hrc 58)
- ▶ 더 긴 수명 : SCM440 (Cr-Mo 강재) 대비 1.5배
- ▶ 절단 날 마모 시 수정 및 용접 후 재사용 가능
- ▶ 고장력 및 고인성을 지니면서 매우 질감

경도	HARDOX × × ×					SM 490
	400	450	500	550	600	
	인장강도(N/mm)	1,250	1,400	1,550	1,700	
(HB)	400	450	500	550	600	
	(Hrc)	43	46	51	53	57
충격 인성	45J	40J	30J	30J	20J	27J
- 40 ° C 기준						



HARDOX 450/500 , Cutting Edge
Plastic / Waste tire Shear Bladess
Shredders
Bobbin /
Wear Ring & Plate

전철기계 Cutting Edge 부품 ●

Part Name	Picture	Material	Size (mm)			Hole & TAP		Use	Remarks
			T	W	L	Hole	TAP		
Loader cutting Edge		HARDOX 450/500	25 30 35	W	L	C'S C'B □ hole	M16 M20 M24	Loader bucket	Customer's size
Motor Graders cutting Edge		HARDOX 450/500	25 30 35	W	L	C'S C'B □ hole	M16 M20 M24	Round bent blades for graders	Customer's size
Excavator bucket cutting edge		HARDOX 450/500	25 30 35	W	L	C'S C'B		Bucket blades	Customer's size
Dozer cutting edge		HARDOX 450/500	25 30 35	W	L	C'S C'B □ hole	M16 M20 M24	Cutting blades	Customer's size

워셔드 Blades (Shredder) ●

Part Name	Picture	Material	Size (mm)			Spec.	Use	Remarks
			T	W(OD)	LED)			
Shredder 4 edges		HARDOX 50 SKD11	48 38	customer's si		55 61	waste tire, plastic,wood, steel scrap,etc	폐타이어 플라스틱,목재, 철 스크랩 파쇄
Shredder 2 edges		HARDOX 50 SKD11	16 50	customer's si		55 61	waste tire, plastic,wood, steel scrap,etc	폐타이어 플라스틱,목재, 철 스크랩 파쇄
Shredder cutting edge		HARDOX 50 SKD11 DCS3	16 50	customer's si		55 61	waste tire, plastic,wood, steel scrap,etc	폐타이어 플라스틱,목재, 철 스크랩 파쇄
Shredder grooved edges		HARDOX 50 SKD11	16 50	customer's si		55 61	waste tire, plastic,wood, steel scrap,etc	폐타이어 플라스틱,목재, 철 스크랩 파쇄

플라스틱/폐타이어/고무 극대기 칼날 ●

Type	Picture	Material	Size (mm)			Spec.		Use	Remarks
			T	W	L	cutting	Hole		
Plastic& rubber chipping blades		Hardox600 DCS3 15Co85W	20 25 30	60 80 70	60 120 200	W/jet or Forging	C'B TAP	폐타이어 플라스틱 절단 /파쇄	15Co85W : 플라스틱 절단 /파쇄
Copper cutting blades		DCS3 15Co85W	18	80	85	W/jet	C'B	정통 파이프 절단	DCS3 : Hrc 62~63 CoW : Hrc 68
Plastic cutting blades		Hardox600 DCS3	20 24 30	w w w	L L L	W/jet	Slot hole	폐타이어 플라스틱 절단 /파쇄	Hx600Hx57 DCS3Hx62
Plastic cutting blades		Hardox 500/600	30 40	60 80	60 120	W/jet	Slot hole	폐타이어 플라스틱 절단 /파쇄 스프링터	Hx600Hx57 Hx500Hx50
Plastic& rubber chipping blades		Hardox600	38	158	80	W/jet		폐타이어 플라스틱 절단 /파쇄	Hx600Hx57
Copper cutting blades		Hardox600 DCS3 15Co85W	12 16			Laser W/jet	C'B TAP	정통 파이프 절단	15Co85W : 플라스틱 절단 /파쇄

산업용 내마모용 부품 ●

Part Name	Picture	Material	Size (mm)			Spec.	Hole&Tap	Use	Remarks
			T	W	L				
BOBBIN		HARDOX 500	16T	OD Ø915	ID Ø453	271Kg		Solid welding with BOBBIN	솔리드 용접 용 보빈 BOBBIN
Wear Ring		HARDOX 600	39	OD Ø248	ID Ø180	6Kg		Concrete pump car	콘크리트 펌프카
Wear Plate		HARDOX 600	30			38Kg			
Plastic fillet molding		HARDOX 600	50					Plastic fillet moulding	플라스틱 필렛 몰딩

■ HARDOX 적용사례

▶ 재활용 산업

- 1) 스크린
- 2) 해머/ 쉬레더
- 3) 스크류 블레이드

▶ 건설 장비 부품

- 1) 덤프 적재함
- 2) 건설 장비 어태치먼트
(버켓, 클램프, 그랩, 쉬어 나이프, 등)

▶ 광산

- 1) 크라샤 슈트, 호퍼 슈트
- 2) 스톤 그리퍼(Stone gripper), 로더 버킷 엡지판

▶ 제철설비

- 1) 슈트 라이너 / 가이드 플레이트

▶ 산업기계/ 절단 장비

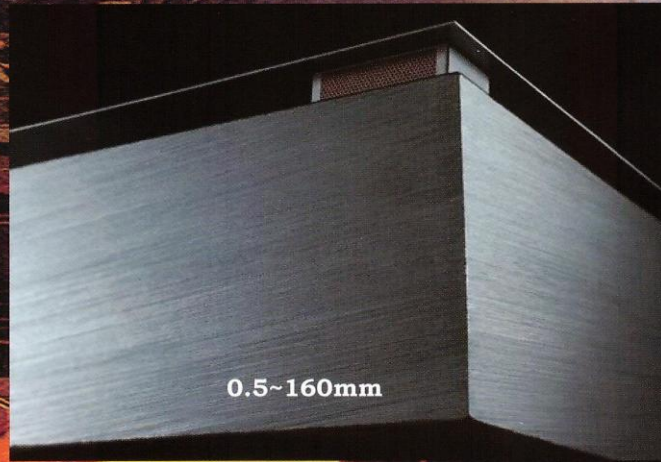
- 1) 레일(Rails)

▶ 산업용 절단날(Hardox 600 Knives)

(철판 / 목재 / 플라스틱 / 스크랩 절단용 칼날)

GMI

HARDOX[®] WEAR PLATE **WELDOX[®]** HIGH STRENGTH STEEL **TOOLOX[®]** ENGINEERING & TOOL STEEL



0.5~160mm

SSAB



본사 및 창원 공장

경남 창원시 성산구 연덕로 9번길 14(응남동)

전화: 055-264-4211 , Fax: +055-264-0262

Web page : www.gmisteel.co.kr

www.hardoxwearparts.com/ko

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