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DOMITE
A VISIBLE DIFFERENCE

PRODUCT CATALOG

DOMITE WEAR TECHNOLOGY INC

COMPANY BACKGROUND

Domite® Wear Parts are unique products that combine a hardened Chrome-White-Iron ("CWI") wear face (700 BHN – 63 Rc) with a tough, ductile and weldable mild steel backing plate. Laminated together through a metallurgical diffusion bond, the result is a product that is exceptionally resistant to impact and severe abrasion while retaining ductile characteristics for easy attachment.

Domite® Wear Parts are only manufactured by Domite Wear Technology Inc. Domite® is a registered trademark and cannot be used without expressed authorization.

With a successful track record in solving severe wear impact problems, in many industries Domite has been treated as a generic name. Not all laminated wear plates are Domite as we maintain careful control over all phases of production, this ensures soundness, optimum micro-structure and a strong metallurgical bond are achieved.

For over 50 years Domite® has proven its durability and value to the mining and material handling industries throughout the world by supplying the premium wear resistant material.

100% of the product from pattern work, casting, machining, assembly, diffusion bonding, heat-treatment, inspection, fabrication and packaging is performed at our facility located in Paris, Ontario, Canada. By carefully controlling all phases of production it allows us to offer competitive pricing and excellent reaction times. From small one-off custom parts and prototyping to large scale projects, Domite® has the capacity and knowledge to work on any project big or small.

HISTORY

Domite® was developed in Hamilton, Ontario by Canron Industries (in conjunction with Syncrude) in the early 1960's. White Iron's were known for their superior abrasion resistant qualities, however brittle by nature. Through extensive lab and field testing they came up with the process of bonding the white iron castings to a piece of mild steel, should the white iron see impact this would now be transferred through the mild steel maintaining its integrity, this also allowed for easy weld, bolt or stud attachment. On successful implementation the product was patented in 1967. In 1985 Canron's foundry division was closed but they continued to produce Domite® by purchasing the CWI castings from Molten Metallurgy Inc, & doing the remainder of the work in house.

In 1989 the parent co of Canron divested from the division. The Domite name & trademark along with all production equipment (patterns, technologies, brazing ovens etc.) & IP were sold to Molten Metallurgy Inc. who formed a new company, Domite Wear Technology Inc. who continue to manufacture the product with the same fearlessness for innovation & high standards today.

CONTENTS

Don Wilding (the original inventor) in a Domite Lined Blast Furnace Skip, material handled Coke & Iron Ore. Photo c. 1970

SERVICES

- OFFER LONG LIFE WEAR SOLUTIONS, BASED ON EXISTING SUCCESSFUL APPLICATIONS
- EXPERT ADVISE ON HOW TO MAXIMIZE DOMITE'S® PROPERTIES
- ON-SITE PRODUCT TESTING AND EVALUATIONS
- WEAR PACKAGES, CUSTOM DESIGNS AND DRAWING LAYOUTS.
- 3D MODELING IN SOLIDWORKS
- COMPLETE FOUNDRY FOR CASTING OF PARTS
- FULL MACHINING CAPABILITIES OF DOMITE® INCLUDING CNC MILLING, CNC LATHING, SURFACE GRINDING
- CUTTING AND FITTING OF DOMITE® LINERS INCLUDING ABRASION, ARC, LASER, PLASMA, WATER-JET
- FULL HEAT TREATMENT
- STUD WELDING
- FABRICATION SERVICES
- AVAILABLE STOCK ON STANDARD PRODUCT'S
- IN HOUSE CONTROL FOR RUSH JOBS
- WORLD WIDE LOGISTICS

SPECIFICATIONS

Domite® Wear Parts are a distinctive material in that they combine a hardened face of proprietary cast white iron with very high wear resistant qualities (700 BHN – 63 Rc) with the workability of mild steel (44w) to create an exceptional product that is resistant to impact and abrasion while retaining ductile characteristics and easy attachment.

To overcome the brittle nature of hardened white irons and to allow for easy installation via welding, studding, bolting or other attachments, Domite® incorporates the latest diffusion bonding technology to metallurgically bond the white iron to a tough, ductile, easy to weld mild steel backing plate (pictured). This is the key to achieving outstanding combined abrasion and impact resistance along with easy installation. Shown (right) is the strong metallurgical bond expanded with a scanning electron micro-graph detailing the joined surfaces of the Domite CWI and the mild steel backing plate.
Superior to mechanical or bi-metallic jacket designs which have a tendency to fracture on impact, thanks to the metallurgical bond Domite® can withstand the toughest impact and abrasion environments. The diffusion bond has very high shear strength with a minimum 225 Mpa (33,000 psi) and will not separate.

Illustrating capillary action between the materials in the bond zone

300x ZOOM

METALLURGY

Domite's® hardened face is an alloyed, cast high carbon chromium – molybdenum materialistic white iron. Although the exact chemistry is proprietary for alloying agents, the chemistry will conform to the ASTM A532 Class II Type B and responds to heat treatment. Domite® can be softened to around 400 BHN for machining purposes and then re-hardened to a minimum of 700 BHN (63 Rc) for maximum resistance. The as-cast, heat treated micro-structure is uniform throughout with discrete vs interconnected carbides containing primary carbides up to 1500HV.

This material was chosen from the group of white irons because of its exceptional resistance to abrasion, its responsiveness to heat treatment, its ability to develop extremely high hardness values and its significantly higher mechanical properties such as impact resistance than those of the lower alloy martensitic white irons.

CERTIFICATION

An ISO 9001:2008 Certification corporation.

100% of the product is made at our facility located in Paris, Ontario, Canada.

We offer complete certification and traceability over;

- **Chemical Certification**
- **Mechanical Certification**
- **Inspection Certification**

PARAMETERS

Different that Overlays that have a 1 : 1 ratio of wear resistant material to mild steel, Domite® can have a proportionally thicker ratio of wear resistant material. Consideration must be given to the criteria of producing a solid cast component resulting in the following guidelines:

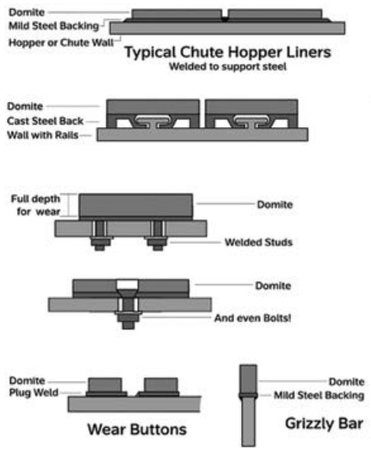
- General Thickness Ratio's of 3:1 Domite® CWI to Mild Steel
- Continuous Elevated Temperatures of 425 C (800 F) and Frigid Temperatures of -50 C(-120 F)
- Thickness Ranges of 3/6" (5 mm) – 4" plus (100 mm plus) for the Domite® CWI
- Mild Steel Backing Plate Thickness of 1/8" (3 mm) – 1" plus (25 mm plus)
- Individual cast sizes of ~ 16" (405 mm) x 16" (405 mm)
- Ability to bond multiple castings onto one solid sheet of mild steel with dimensions ~ 27" (700 mm) x 36" (915 mm). Thanks to our unique ability for innovation, Domite® pioneered the development of diffusion bonding multiple CWI castings onto one larger single sheet of mild steel backing plate creating much larger liners than previously thought possible.

Please note that these are guidelines only and combinations can be altered to suit your application.

Non-traditional and irregular shapes (triangles, tapers, cones, parallelograms, etc.) can be produced providing the dimensional limitations for good castability are upheld. In the case of irregular shapes or contoured surfaces, a flat back is necessary for initial bonding but can be overcome in final design. With years of experience simply speak with one of our sales team members for options and solutions. Virtually any surface and application can be covered using proper design and innovative techniques.

To cover large areas and custom fabrication multiple Domite® plates are arranged in a modular fashion and welded or bolted onto the fabricated structure or wall. Please see our Wear Liner Systems for more details.

ATTACHMENT



Easy attachment is achieved through the mild steel backing plate which can be;

- Directly **welded** into place with no special pre-or-post heating rods.
  - It is also possible to add a weld lip by recessing the castings from the mild steel backing plate creating an easy bevel surface for secure welding.
- Direct attachment is simple with any sized counter-sunk or counter-bored **bolt** holes which are cast through the parts for quick applications in standard circular, square, hex or plow shapes.
- **Domite® bolts**, this unique product consists of a capped bolt counter-sunk to eliminate plate channeling, premature wear and maximizing wear life
- Multiple castings can be **plug welded** to a carrying plate for easy install.
- Welded attachments such as **nelson/arc studs** can also be added directly to the steel backing eliminating through bolting which can cause accelerated channeling from the bolt holes.
- It is also simple to add **drilled and tapped holes** to the mild steel for bolting.
- **Mechanical attachment** through the use of the Domite® Twist Lock or Grav Lock

Domite® offer a range of **lifting lug** options, talk with us and we can recommend the best solution

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WEAR LINER SYSTEMS

ABOVE: SUNCOR MILLENNIUM MINE DUMP HOPPER

Performance: SUNCOR engineers had a targeted life of 2 years for the Domite® Wear Liners. After 26 months measured wear was < 1/3 of the thickness of the abrasion resistant wear material. Alberta, Suncor - Steepbank Mine

NEW BUILD / RETRO-FIT / CUSTOM DESIGN

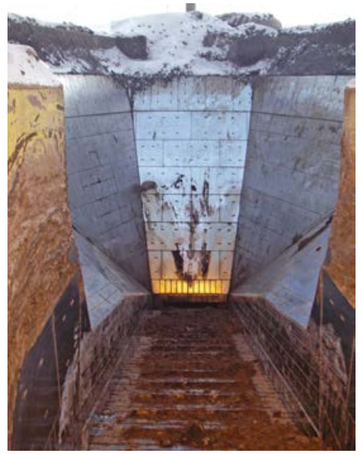
Domite® can provide a complete solution to cover any surface area using Domite® plates and liners whether it be a new build, retrofitting of existing fixed plant or a complete custom installation. Domite Wear Technology Inc. has the track record and expertise to meet your needs.

- Beginning with a simple phone call/email/onsite evaluation followed by, design, drawings, testing, production and delivery, we can supply the ideal solution
- Our wear systems are designed to fit any installation using Domite® and comes with a complete break-down of each individual part, making it easier to re-order specific liners when needed for future rebuilds
- The result of using Domite® is a drastic increase in lifetime vs CCO or AR plates at every stage of an operation from extraction to processing

NEW BUILD

Domite® usually works hand-in-hand with Engineering firms or with Mine Engineers on the initial design and sizing of appropriate plates and liners.
Domite Wear Technology Inc knows that flexibility and delivery is a critical aspect of customer requirements on new build designs. By having control of all aspects of production under one roof, only Domite® has the ability to complete those last moment alterations and meet critical delivery dates.

Benefits:
· The premium abrasion resistant material of choice
· Modular design allows for only targeted liners to be replaced as required
· Lightweight when compared to traditional liners for ease of installation
· Less worn liner change outs significantly reduce Health and Safety risks for maintenance crews
· Versatile attachment options



NEW BUILD - EXAMPLE

Location: Alberta Oilsands, Syncrude's Aurora mine site. (as pictured)

Fixed Plant: Multiple Large Dump Hoppers

Domite® worked with the Engineering firm and Fabricator to provide hundreds of Wear Liners for their Crusher Stations. The lower areas of the hopper walls subject to the most severe wear / impact are lined with Domite® Wear Liners, the upper walls of the hopper were lined with AR Steel.

Material Handled: The Dump Hoppers handle 11,000 tons of Oilsands per hour at max production

Maximum hopper capacity **800 Tonnes**

RETRO - FIT

Domite® can easily match existing bolting patterns and supporting wall frames of current structures replacing AR400 - 500 / CCO plate to significantly reduce maintenance and rebuilds.
With no need for complicated redesigns and costly fabrication downtime, Domite® can be swapped for existing plates/liners to provide a drastic extension of life to fixed plant; Hoppers, Surge Bins, Chutes, Transfer Points and Apron/Vibratory feeders

Benefits:
· Increase lifespan of equipment/fixed plant and significantly reduce maintenance costs without redesign
· Domite® can be made to match existing liner sizes and attachment patterns
· Traceability of all part numbers for easy installations and re-orders

RETRO FIT - EXAMPLE

Location: Northern Ontario Underground Gold Mine. (as pictured)

Fixed Plant: Skip Discharge Chute

Domite worked with the Mine and 3rd party to custom make 2" thick Domite® Wear Liners to retro fit AR 400 liners originally installed. Wear Liners manufactured & delivered by Domite® met the mines tight shut down & maintenance requirements, & were installed without requiring adjustment onsite

Material Handled: 6" – Abrasive Northern Ontario Rock, Ore and Waste

Discharge chute processes 8,000 tons per day at maximum production

DOMITE® - WEAR LINER MANAGEMENT ANALYTICS

The wear liner analytics are designed for management to track and record the full details of each individual plate in operation. Domite® uses this program to record relative wear life and tonnage to provide analysis of performance using quantitative statistics on; longevity, tonnage, reduction of maintenance costs to determine true (liner) cost per ton, ensuring maximum return on investment.

The system also records the exact dimensions and features of every plate to make re-ordering individual plates simple and easy. Using a unique part number tracking system there is no need for costly dimensional verification and detail searching. Taken from a general assembly drawing, Domite® will keep track of all the details so each plate/liner arrives to exact specification, ready to fit.

LONGEVITY
TEMPORAL AGE

TONNAGE
THROUGHPUT

REDUCTION
MAINTENANCE COSTS/HOURS

METRICS
TO DETERMINE TRUE COST/TON

CUSTOM BUILD

Domite® can be used to modify any existing liner shape and design to meet individual requirements. From changes in thickness, to attachment methods, to arrangement patterns, to additional areas outside of the original installation, Domite® specializes in redesigning dated or faulty OEM installations. By moving away from larger sized sheets and heavy sections requiring special lifting features and installation crews, Domite® provides a segmented modular change out approach to reduce down time and decrease overall operating costs

Benefits:
· Thickness adjustments up to 4"+ (100 mm+) thick for maximum life expectancy
· Adjustment of locking or attachment system to allow for ease of installation or future targeted replacements
· Flexibility to make one off liners to suit any area, taper, edges or transition points

CUSTOM BUILD - EXAMPLE

Location: Alberta Oilsands, Suncor' Steepbank Mine (as pictured)

Fixed Plant: Double Dump Hoppers/Surge Bins

These Giant Double Dump Hoppers/Surge Bins use Domite Wear Liners in the most severe wear areas. Domite worked with the Engineering firm and Fabricator to provide hundreds of Wear Liners, in many cases one off Wear Liners had to be produced to meet unique contours of the walls of the Dump Hoppers, something the company was able to comfortably accommodate.

Material Handled: These Hoppers/Bins are built to handle the extremely abrasive Athabasca oilsands and are subject to impact, sometimes at temperatures as low as -40 degrees and as high as + 30 degrees. Domite was placed in the lower parts of the hopper which sees the most severe wear, CCO lines the upper walls.

Maximum Hopper capacity **2,350 Tonnes**

Performance: The Engineer had a targeted life of 2 years for the Domite Wear Liners, after 26 months measured wear was < 1/3 of the thickness of the abrasion resistant wear material.

BUCKET ARMOUR COMPONENTS

DOMITE ® BUCKET ARMOUR COMPONENTS HAVE BEEN DESIGNED TO PROVIDE EXCEPTIONALLY LONGER BUCKET WEAR LIFE, IMPROVED SAFETY, REDUCED DOWNTIME AND INCREASED BUCKET PENETRATION

Domite Bucket Armour components provide exceptionally longer life for extreme applications.

- Conventionally used AR & QT steel parts (450-500 BHN) are designed for impact resistance and toughness while compromising abrasion resistance
- Individual Domite® components consist of a cast, hardened steel alloy to provide the same impact resistance and toughness as conventional parts, only bonded with strategically placed Domite® CWI (700 BHN) in high wear areas to provide maximum resistance in a completely new and unique method

700
BHN HARDENED COMPONENTS

DOMITE® COMPONENTS ARE DESIGNED TO :

- Protect the leading edges of your bucket
- Support GET for maximum penetration
- Provide external edge protection for high durability
- Less maintenance = less machine downtime
- Reduce hang up
- Provide robust base for back grading
- Offer weight reduction vs generic systems
- Work as a system to reduce wear


DOMITE TWIST LOCK


DOMITE WING SHROUD


DOMITE EDGE SHROUD


DOMITE HEEL SHROUD


DOMITE FLOOR LINER / HEEL SAVER

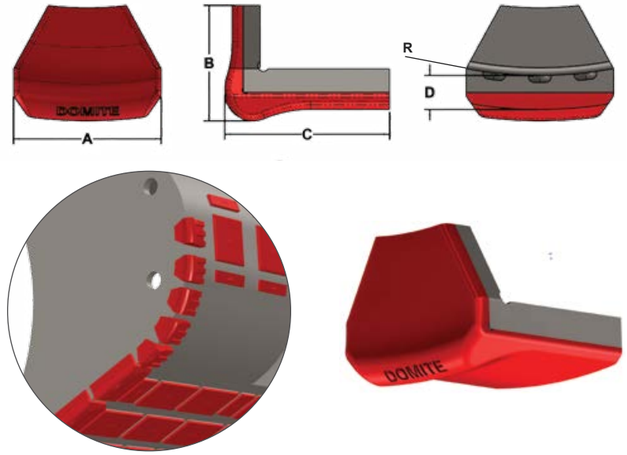

DOMITE SKID BAR


DOMITE CHOCKY BAR


DOMITE WEAR BUTTON

HEEL SHROUDS

- Domite® HEEL shrouds provide maximum strength & durability to the corner edges of the bucket
- Easy instillation, no pre or post welding required
- Contoured base designed to fit the radius of the bucket, provides better weldability & secureability
- Tough cast alloyed steel base for impact resistance & sheer strength
- 700 BHN Domite® CWI for abrasion resistance
- Fits all sizes of buckets

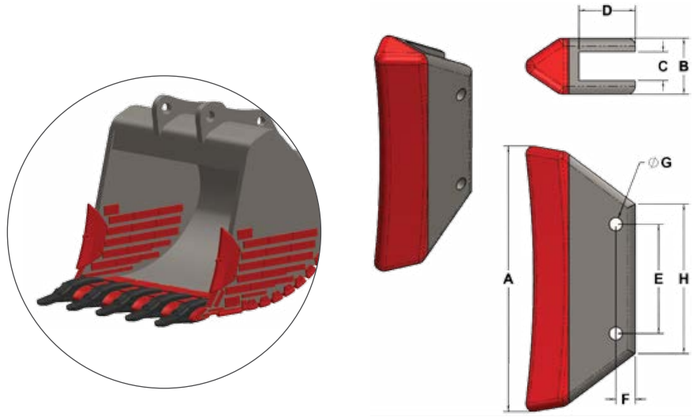


DOMITE HEEL SHROUDS

PART NO.	Length (A)	Height (B)	Width (C)	Thickness (D)	Radius (R)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	deg.	lbs. (kg)
D 65 HS	6 1/2" (165)	5 1/8" (130)	7 1/4" (184)	1 1/2" (38)	17.5	24.3 (11)
D 10 HS	9 15/16" (252)	7 25/32" (198)	9" (229)	1 3/4" (44)	24.5	63.5 (28.8)

WING SHROUDS

- Domite® WING Shrouds provide maximum longevity countering abrasion & impact
- Protect sides of the bucket
- Tapered design allows better penetration & material loading
- Easy instillation, simply bolt in place
- Unique profile allows for tight top to bottom stacking of multiple shrouds
- Prevents surplus spillage & hang ups

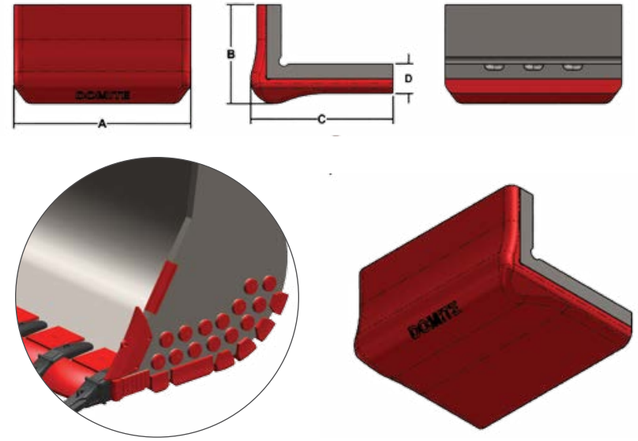


DOMITE WING SHROUDS

PART NO.	Height (A)	Width (B)	Slot Width (C)	Slot Depth (D)	E	F	Diameter (G)	(H)	Weight
	in. (mm)	in. (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in. (mm)	lbs. (kg)
D 50 WS	18 3/16" (462)	3 7/8" (98)	2" (50)	3 7/8" (98)	7 1/2" (190)	1 11/32" (34)	29/32" (23)	10 3/16" (260)	68 (30.8)
D 65 WS	20" (507)	4 1/2" (115)	2 1/2" (65)	4 5/16" (109)	8 21/32" (220)	1 11/32" (34)	1 1/16" (27)	10 3/16" (260)	94 (42.7)

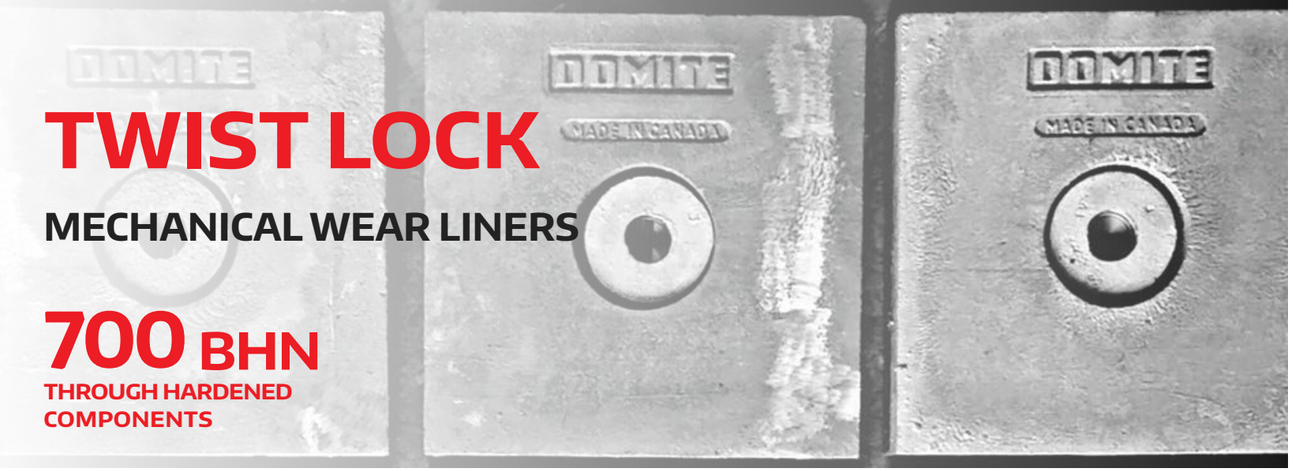
EDGE SHROUDS

- Domite® EDGE Shrouds have been specially designed for the straights lengths of a bucket
- The shape & profile of the EDGE shroud match that of the HEEL shroud & they are designed to work harmoniously providing greater protection of the lower corners a bucket.
- They provide maximum longevity countering abrasion & impact.
- Easily welded in place, no pre or post heating required



EDGE SHROUDS

PART NO.	Length (A)	Height (B)	Width (C)	Thickness (D)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 97 ES	9" (229)	5" (127)	7 1/4" (184)	1 1/2" (38)	36 (16)
D 99 ES	9" (229)	7 3/8" (187)	9" (229)	1 3/4" (44)	58 (26)



TWIST LOCK

MECHANICAL WEAR LINERS

700 BHN
THROUGH HARDENED COMPONENTS

FEATURES & BENEFITS

WORLD'S FIRST BONDED CWI MECHANICAL LINER

- Provides superior wear protection for maximum abrasion & impact resistance
- Safer & Easier to change than conventional wear parts
- Greatly reduces downtime & maintenance
- Completely hammerless changes outs with no special tools
- Wear cap replacement in less than a minute,
- Eliminates thru bolting
- Engineered dovetail coupling design between the base plate & wear cap withstands the toughest operational forces
- Includes 4x wear indications telling you when to rotate / change the cap.

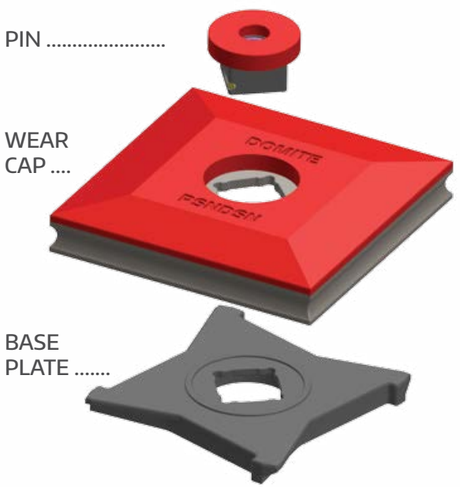
APPLICATIONS

MOBILE PLANT

- Suitable for Face Shovel, Excavator, Wheel Loaders, LHD Buckets, and Truck Beds
- Recommended for the bottom & inside of buckets surfaces including convex
- Easy change outs on the fly

FIXED PLANT

- Ideal where access and maintenance is restrictive
- Suitable for confined spaces where frequent welding isn't an option
- Perfect for Chutes, Conveyors
- All materials have a high heat and corrosion resistance making it suitable for Slag & Dredge applications



PATENTED TWIST LOCK SYSTEM

PIN

- Completely hammerless locking system
- No special tools, a common flat head screw driver to turn the pin
- CWI cover protects pin and eliminates channeling

700 BHN WEAR CAP

- Domite CWI (700 BHN) bonded to a 400 BHN cast high strength steel jacket
- Multiple thicknesses and styles available
- Completely enclosed to protect the base on all 4 sides
- Unique 4 way symmetry for easy installation from any orientation
- Rotational symmetry allows for maximization of wear material

WELD-ON BASE PLATE

- Re-usable base plate easily welded in place once
- Cast of tough high-strength steel
- 4 way symmetry for ease of installation
- Same base fits to different wear cap sizes & styles

TAPERED

TAPERED TWIST LOCK (TLT)

- Has been designed to deflect material from all 4 sides
- Different tapers are available on request

STANDARD

STANDARD TWIST LOCK (TL)

- Provides excellent resistance to wear, designed to protect the face of the liner with Domite® CWI

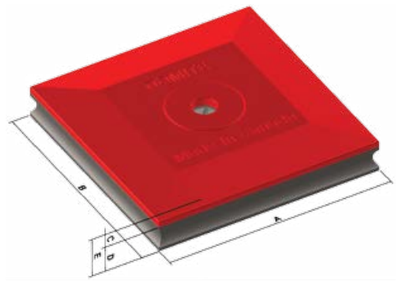
DOMITE TWIST LOCK

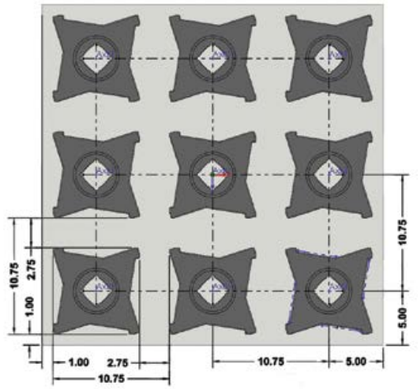
PART NO.		Length (A) in. (mm)	Width (B) in. (mm)	Domite (C) in. (mm)	Alloy Steel (D) in. (mm)	Thickness (E) in. (mm)	Weight lbs. (kg)
CAPS	D 101 TLT	10" (254)	10" (254)	5/8" (16)	1 3/16" (30)	1 13/16" (46)	28.5 (13)
	D 121 TLT	12" (305)	10" (254)	5/8" (16)	1 3/16" (30)	1 13/16" (46)	34.5 (16)
	D 102 TLT	10" (254)	10" (254)	3/4" (19)	1 3/16" (30)	1 15/16" (49)	30.4 (13.8)
	D122 TLT	12" (305)	10" (254)	3/4" (19)	1 3/16" (30)	1 15/16" (49)	36.8 (16.7)
	D 103 TL	10" (254)	10" (254)	1" (25)	1 3/16" (30)	2 3/16" (55)	43 (19.5)
	D 123 TL	12" (305)	10" (254)	1" (25)	1 3/16" (30)	2 3/16" (55)	52 (23.5)
D TLP		LOCKING PIN					2.5 (1.4)
D TLB		BASE					9.5 (4.3)

SPEAK TO US FOR DIFFERENT SIZES, MATERIAL THICKNESSES & STYLES

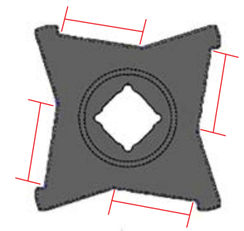
MULTIPLE CONFIGURATIONS

- Multiple Domite® TWIST LOCK's can be configured (in straight or offset patterns) to cover large surface areas
- Minimal 3/4" gap required between liners, this is much smaller vs slide on bases
- Vertical & Horizontal alignment is easy, done using the 4 points of the diamond (in the centre of the base). Use top & bottom points for vertical alignment & left & right points for horizontal alignment (as depicted below)
- The example below illustrates spacing set up for the 10" x 10" TWIST LOCKS





BASE : WELD GUIDE

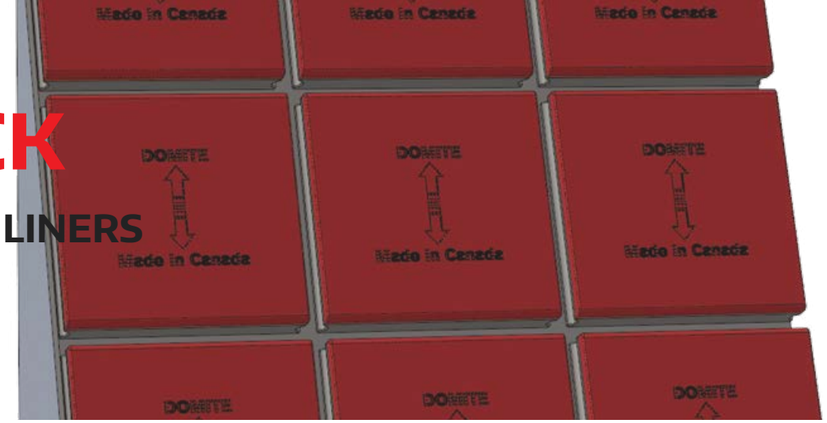


4 x 3 1/2" long welds required
Min weld 5/16 Max 3/8
No pre or post heating req.

GRAV LOCK

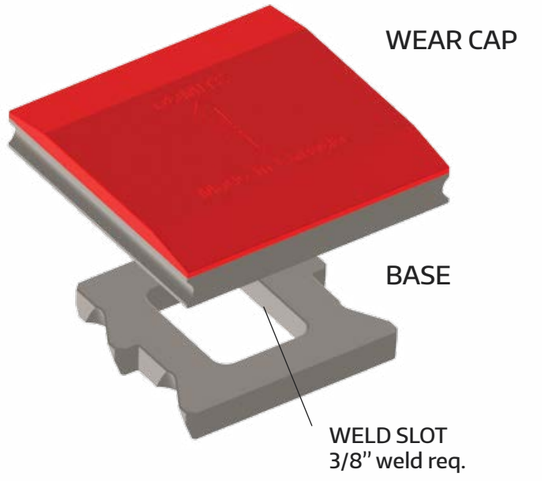
MECHANICAL WEAR LINERS

700 BHN
THROUGH HARDENED COMPONENTS



FEATURES & BENEFITS

- Quick & easy installation. Once the base plate is welded in place simply slide the wear cap over top
- Gravity & Engineered internal tapers hold the Wear Cap to the Base plate
- Safer & easier to change than conventional weld/bolt on liners
- Greatly reduces downtime & change-outs
- Facilitates one sided attachment
- Wear cap includes 4 highly visible wear indications letting you know when to rotate/replace
- Wear cap replacement in less than a minute
- Minimal 3/4" clearance required at the top of the cap to slide onto the base, allows for close alignment
- Horizontally liners can be butted right up next to one another, no gap required
- Superior wear protection, the Domite cap features a 700 Brinell wear surface for maximum abrasion & impact resistance



APPLICATIONS

For use in vertical & some horizontal applications.

FIXED PLANT

- Ideal where access and maintenance is restrictive
- Suitable for confined spaces where frequent welding isn't an option
- Perfect for;
  - Drop Chutes,
  - Skirting on Conveyors,
  - Impact walls, Transfer points,
  - Lower shell protection and
  - Around Crushing & Processing equipment.

PATENTED CWI GRAV LOCK SYSTEM

700 BHN WEAR CAP

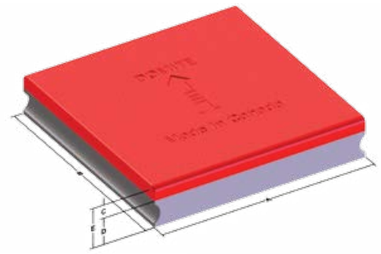
- Domite® CWI (700 BHN) bonded to a 400 BHN cast high strength steel jacket
- Multiple thicknesses and styles available
- Completely enclosed to protect the base on all 4 sides
- Easily slides into position over the Base Plate
- 2 way symmetry for rotations to maximize longevity.

WELD-ON BASE PLATE

- Re-usable base plate easily welded in place once.
- Cast of tough high-strength steel
- Same base fits to different wear cap sizes & styles
- No pre or post heating required when installing base

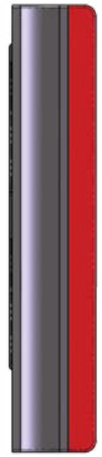
The Domite® GRAV LOCK comes in a variety of shapes, styles, lengths, & thicknesses. This allows for optimum plate choice for the application.

- The GRAV LOCK has been designed specifically for easy installation and removal by maintenance personnel
- Saving install time & cost, as well as requirement for on site welding
- Reduces downtime & lost production as a result of quick change.



GRAV LOCK							
PART NO.		Length (A)	Width (B)	Domite (C)	Alloy Steel (D)	Thickness (E)	Weight
		in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
CAPS	D 10 GL	10" (254)	10" (254)	5/8" (16)	1 3/16" (30)	1 13/16" (46)	30.5 (14)
	D101 GL	10" (254)	10" (254)	1" (25)	1 3/16" (30)	2 3/16" (55)	36.5 (16.5)
	D 102 GLL	10" (254)	10 5/8" (270)	5/8" (16)	1 3/16" (30)	1 13/16" (46)	33.3 (15)
	D 103 GLT	10" (254)	11 3/8" (289)	5/8" (16)	1 3/16" (30)	1 13/16" (46)	38.7 (17.6)
	D 122 GLL	10" (254)	12" (305)	1" (25)	1 3/16" (30)	2 3/16" (55)	43.8 (20)
	D 201 GL	20" (508)	10" (254)	1" (25)	1 3/16" (30)	2 3/16" (55)	61 (27.6)
	D 201 GLL	20" (508)	11" (279)	1"(25)	1 3/16" (30)	2 3/16" (55)	65 (30)
D GL		STANDARD BASE (for 10" x 10" & 10" x 12" Caps)					10 (4.5)
D GLB		LARGE BASE (for 10" x 20" Caps)					20 (9.4)

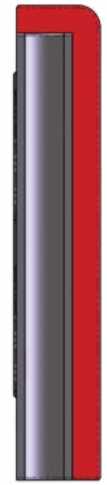
STANDARD



STANDARD GRAV LOCK (GL)

- Provides excellent resistance to wear, designed to protect the face of the liner with Domite® CWI
- The wear cap has been designed to fit both ways. If wear is experienced on one side more than the other then the plate can be flipped for maximization of wear material.

L - SHAPED



L-Shaped GRAV LOCK (GLL)

- Has been designed to protect the top of the liner as well as the face
- Allows for protection from vertical muck flow
- Unique dovetail symmetry allows for this liner to be flipped to use as a conveyor liner protecting the face & bottom of he liner from wear

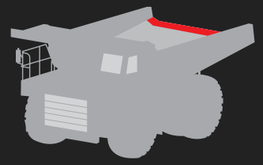
TAPERED

Tapered GRAV LOCK (GLT)

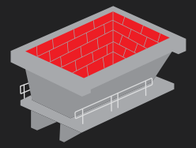
- Has been designed to deflect vertical falling ore from the top & middle of the liner
- The increased thickness in the lower have of the liner to combat severe wear
- Different tapers are available on request

OPEN PIT Mine Ore Flow

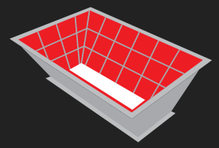
FACE SHOVEL
Bucket Armour System



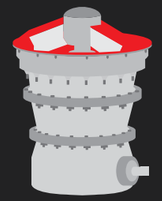
HAULAGE TRUCK
Dove Tail



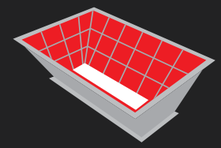
RECEIVING HOPPER
Wall Liners



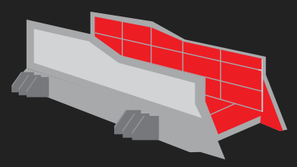
CRUSHING INLET CHUTE
Floor & Wall Liners



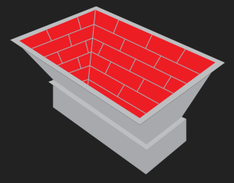
PRIMARY CRUSHER
Gyratory - Spider Arms
Rim Segments



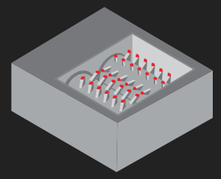
DISCHARGE CHUTE
Floor & Wall Liners



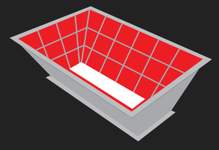
APRON FEEDER
Skirting & Floor Liners



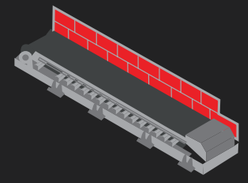
SURGE BIN
Floor & Wall Liners



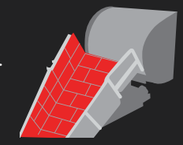
SECONDARY CRUSHER
Double Roll Teeth



CRUSHING INLET CHUTE
Floor & Wall Liners

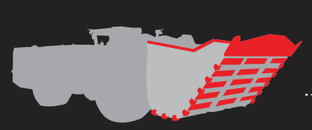


CONVEYOR TO MILL
Skirt Liners & Pully Cleaners

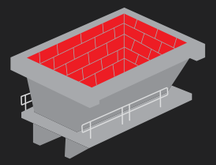


SAG MILL
Feed Chute Liners

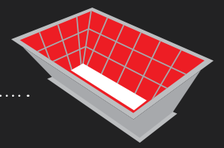
UNDERGROUND Mine Ore Flow



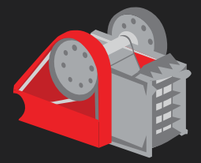
SCOOP TRAM
Bucket Armour System



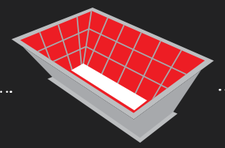
ORE PASS
Wall Liners



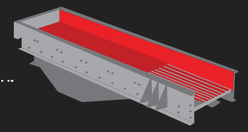
UPPER FEED CHUTE
Floor & Wall Liners



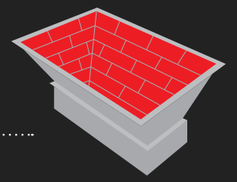
PRIMARY CRUSHER
Jaw Creek Plates



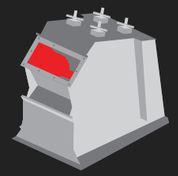
DISCHARGE CHUTE
Floor & Wall Liners



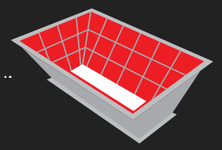
VIBRATING GRIZZLY FEEDER
Skirt Liners - Grizzly Bars



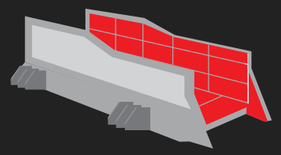
LOWER FEED CHUTE
Floor & Wall Liners



SECONDARY CRUSHER
Impact Plates

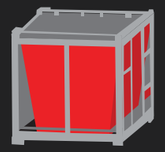


ORE TRANSFER BIN
Floor & Wall Liners

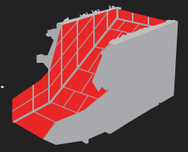


APRON FEEDER
Skirting & Floor Liners

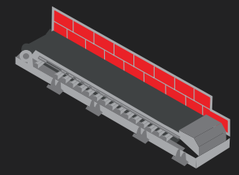
LOADING POCKET/ MEASURING BOX
Flask Liners



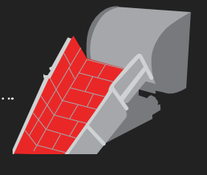
SKIP
Wall Liners



SKIP DISCHARGE CHUTE
Floor & Wall Liners



TRANSFER CONVEYOR
Skirt Liners & Pully Cleaners

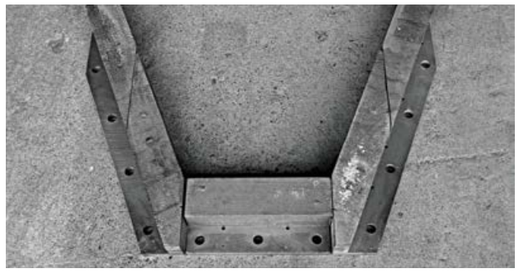


SAG MILL
Feed Chute Liners

APPLICATIONS

WEAR LINERS

- Ore Preparation Plant
- Receiving Hopper
- Discharge Hopper
- Dump Hopper
- Surge Bins
- Floor Liners
- Wall Liners
- Rock Box Liners
- Skip Liners
- Loading Pocket Liners
- Flop Gates
- Dump Bins
- Plough Liners
- Concentrator Bins
- Truck Bed Liners
- Dredge Liners



CHUTES

- Skip Discharge Chutes
- Crusher Chutes
- Transfer Chutes
- Tripper Chutes
- Ore Chutes
- Discharge Chutes
- Waste Chutes
- Loading Pockets
- Measuring Flask
- Mill Feed Chutes
- Mill Discharge Chutes
- Micro Ledge

FEEDERS

- Apron Feeders
- Reclaim Feeders
- Vibratory Feeders
- Grizzly Feeders
- Pan Feeders
- Conveyor Skirtings
- Concrete Augers
- Asphalt Augers

IMPACT

- Adaptor Protection
- Rock Box / Micro Ledge
- Impact Plates
- Target Plates
- Jaw Crusher Cheek Plates
- Gundlach Crusher Bars
- Cane Knife Edges
- Shredder / Hammer Tips
- Screen Plates
- Deflector Plates
- Crushing Teeth
- Bolt Protectors
- Loaf Liners
- Grizzly Bars
- Double Roll Teeth

BUCKETS - DOMITE COMPONENTS

- Heel Savers
- Heel Shrouds
- Lip Shrouds
- Wing/Cheek Shroud
- Edge Saver
- Edge Shroud
- Auger Teeth
- Wear Strips
- Floor Liner
- Wear / Skid Bars
- Chocky Bars
- Buttons
- Ripper & Scarifier Parts

DOMITE WEAR PRODUCTS

Long-life Domite® offers the ultimate in protection for extreme applications resulting in increased production, less down time + reduced maintenance costs.

Domite® has established a reputation as the solution for impact and high abrasion in the mining and material handling industries, and has numerous applications in the sugar cane, recycling, cement, mineral processing, quarry and dredging industries among others.

We have a range of standard products available in stock however custom products to suit your needs are simple for us to produce.

CUSTOM DOMITE® Products

With our own foundry and expert team Domite® has the ability and experience to create custom shapes and sizes specifically designed for your application. Any of our standard dimensions for any product can be easily alerted to suit your preference. Non-standard shapes and sizes are easy to create and adapt to our processes thanks to our years of experience.

Virtually any design can be achieved in a Domite® casting from Elbows, Wear Flanges, Pump Housing, Cement & Asphalt Augers, Dredge Wear parts to name only a few.

Consider our Domite® Run-Out Rolls as either a one-piece or sleeve approach that resists wear from hot billets so well it still looks like new when other materials are ready to retire. It has a soft inner roll and inner hub that never needs replacement. When the sleeve does wear out, it can be replaced with a new one, quickly and easily.

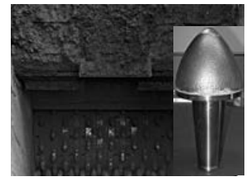
For example: Cooling Bed run-out rolls previously made of steel shells with hardfacing applied, had their life increased from 3 ½ months to 1 ½-2 years, while in another case, life increased from 7 months to 2 ½ years with the use of Domite®. Water box rolls previously made of steel with spray and weld hardfacing had their life increased from 1 ½ months to 6-8 months.

Also ask us about our full range of material choices. All grades of alloy steel, stainless steel, heat resistant alloys, duplexing alloys, ductile iron, cast iron and nihards are produced in our foundry.

Cement Auger

Wear Pipe Connections

Dredge Visor Wear Block



Crushing Tooth

Wear Spool

Jaw Crusher Cheek Plate

Cast Backing Plate

Billet Run-Out-Rolls

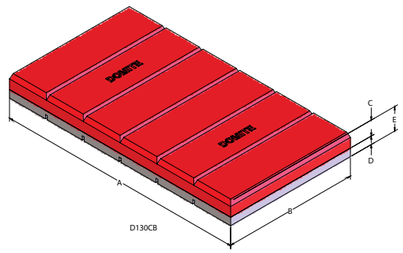
Gundlach Crusher Bar

CHOCKY BARS

Easy to use with no excessive cutting when compared to sheets or plates, Domite® Chocky bars can be formed onto inside or outside contoured surfaces to provide an extra level of protection for wear and impact applications.

Used for a variety of wear protection on buckets, excavators, dragline machines or for lining chutes and rock box edges Domite® Chocky Bars can be used in conjunction with other wear products to give you that extra advantage.

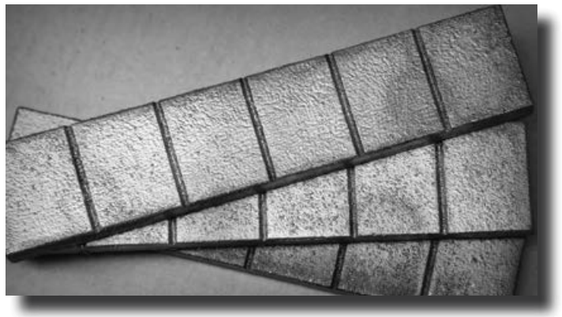
DOMITE CHOCKY BARS						
PART NO.	Length (A)	Width (B)	Domite® (C)	Backing (D)	Thickness(E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 25 CB	9 ½" (240)	1" (25)	19/32 (15)	5/16" (8)	29/32" (23)	2.0 (0.9)
D 38 CB	9 ½" (240)	1 ½" (38)	19/32 (15)	5/16" (8)	29/32" (23)	3.3 (1.5)
D 50 CB	9 ½" (240)	2" (50)	19/32 (15)	5/16" (8)	29/32" (23)	4.5 (2.0)
D 65 CB	9 ½" (240)	2 ½" (65)	19/32 (15)	5/16" (8)	29/32" (23)	6.0 (2.7)
D 90 CB	9 ½" (240)	3 ½" (90)	19/32 (15)	5/16" (8)	29/32" (23)	8.0 (3.6)
D 100 CB	9 ½" (240)	4" (100)	19/32 (15)	5/16" (8)	29/32" (23)	9.2 (4.2)
D 130 CB	9 ½" (240)	5" (130)	19/32 (15)	5/16" (8)	29/32" (23)	12.5 (5.7)



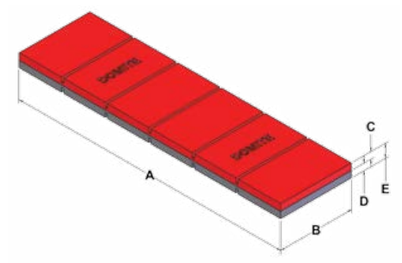
WAFER STRIPS

Thinner version of the popular Chocky Bars, Wafer Strips follow the same concept. Easy to cut, they can be used as pads on in applications where weight is a major consideration.

As with Chocky bars Wafer bars can be curved to fit concave and convex surfaces & broken up to fit specific sizes.
They are excellent at providing additional protection to paddles, blades, flights & augers seeing abrasive wear; sand & slurry mixtures to name a few.

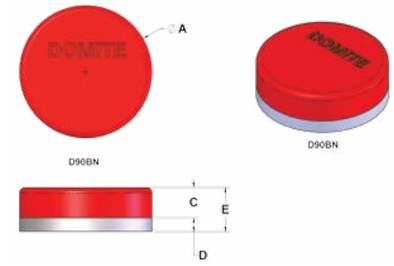


WAFER STRIPS						
PART NO.	Length (A)	Width (B)	Domite® (C)	Backing (D)	Thickness(E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 25 WS	9 ½" (240)	1" (25)	¼" (6)	¼" (6)	½" (12)	1.3 (0.6)
D 38 WS	9 ½" (240)	1 ½" (38)	¼" (6)	¼" (6)	½" (12)	2.0 (0.9)
D 50 WS	9 ½" (240)	2" (50)	¼" (6)	¼" (6)	½" (12)	2.7 (1.2)
D 65 WS	9 ½" (240)	2 ½" (65)	¼" (6)	¼" (6)	½" (12)	3.5 (1.6)
D 90 WS	9 ½" (240)	3 ½" (90)	¼" (6)	¼" (6)	½" (12)	4.7 (2.1)
D 100 WS	9 ½" (240)	4" (100)	¼" (6)	¼" (6)	½" (12)	5.3 (2.4)
D 130 WS	9 ½" (240)	5" (130)	¼" (6)	¼" (6)	½" (12)	6.7 (3.0)



BUTTONS

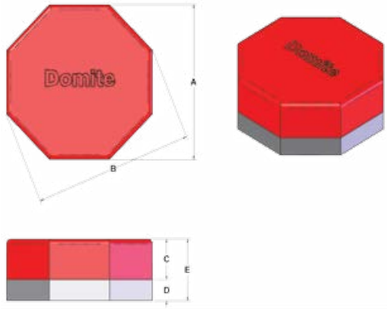
- Industry proven to combat Impact and Abrasion Wear
- Excellent results on bucket & shovel protection, supports life of GET
- The unique profile of the Button deflects material
- Ideal for tooth adapter protection & bucket side wall protection
- Various sizes make them well suited for small & awkward areas requiring wear protection



DOMITE BUTTONS					
PART NO.	Length (A)	Domite® (C)	Backing (D)	Thickness (E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 50 BN	2" (50)	5/8" (15)	3/8" (10)	1" (25)	0.9 (.41)
D 75 BN	3" (75)	5/8" (15)	3/8" (10)	1" (25)	2.0 (.91)
D 90 BN	3 ½" (90)	13/16" (20)	3/8" (10)	1 3/16" (30)	3.25 (1.47)
D 115 BN	4 ½" (115)	7/8" (22)	3/8" (10)	1 ¼" (32)	5.6 (2.54)
D 150 BN	6" (150)	1" (25)	3/8" (10)	1 3/8" (35)	10 (5.0)

OCTAGON'S

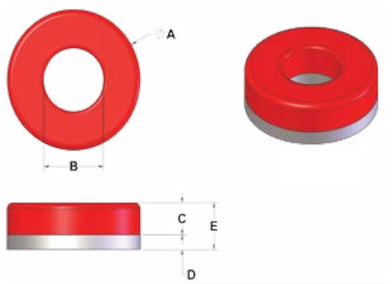
- Domite® Octo's provide excellent wear protection on fixed plant
- When arranged in an offset pattern they lock in material creating muck on muck wear
- Good for impact zones, spider arms, lower shell protection, chutes & rock boxing
- Light weight and easy to install
- Custom sizes - diameter's & thicknesses available



DOMITE OCTO'S						
PART NO.	Width Flat to Flat (A)	Diameter Tip to Tip (B)	Domite® (C)	Backing (D)	Thickness (E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 100 TO	3 3/4" (94)	4" (100)	1" (25)	1/2" (12.5)	1 1/2" (38)	5.2 (2.4)
D 101 TO	3 3/4" (94)	4" (100)	1 1/4" (32)	3/4" (19)	2" (51)	6.9 (3.2)

DONUTS / BOLT PROTECTORS

- Domite® Bolt protectors are ideal to protect nuts & bolts in high wear areas
- Ideal for fixed and mobile plant
- Traps material inside the ring saving nut & bolt from wear
- Light weight and easy to install
- Allows for perimeter or plug welding in place

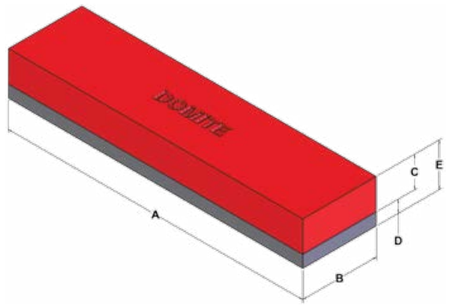


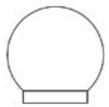
DOMITE DONUTS						
PART NO.	Diameter O.D. (A)	I.D. (B)	Domite® (C)	Backing (D)	Thickness (E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 75 DO	3" (75)	1" (25)	5/8" (15.5)	3/8" (9.5)	1" (25)	2.0 (.91)
D 901 DO	3 1/2" (90)	1 3/16" (30)	5/8" (15.5)	3/8" (15.5)	1" (25)	3.25 (1.47)
D 902 DO	3 1/2" (90)	1 7/8" (48)	5/8" (15.5)	3/8" (15.5)	1" (25)	3.25 (1.47)
D 100 DO	3 15/16" (100)	2" (50)	7/8" (22)	3/8" (10)	1 1/4" (32)	3 (1.4)
D 130 DO	5 1/8" (130)	3 1/8" (80)	7/8" (22)	3/8" (10)	1 1/4" (32)	5 (2.3)

WEAR BARS & BLOCKS

FOR FIXED AND MOBILE PLANT

- Domite® wear blocks & bars are the utility product people turn to when they need a product they can depend on
- Blocks are suitable for both fixed & mobile applications
- Common applications are lower skirting, chute & lip protection, build up points in impact zones. Protection for the inner & outer walls of buckets, not to mention on the bottom for back grading. Suitable applications are endless
- Any size can be modified to suit your application including profiles and peaks for added deflection benefits
- Arc studs or bolt holes can be easily added to suit any attachment requirement. Just ask us





ROUND BAR

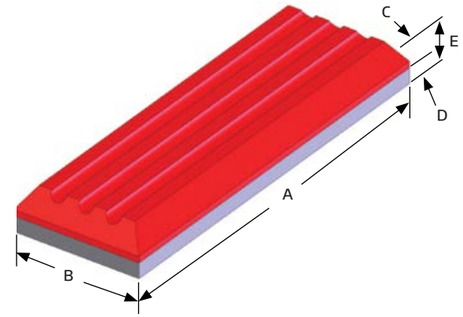
BARS & BLOCKS

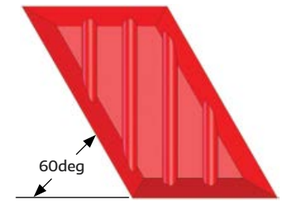
DOMITE WEAR BARS & BLOCKS						
PART NO.	Length (A)	Width (B)	Domite® (C)	Backing (D)	Thickness(E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
ROUND BARS						
D 1027 RB	8" (203)	1" (25)	5/8" (15)	3/8" (10)	1" (25)	2.4 (1.1)
D 159 RB	9" (229)	1 1/2" (38)	1 3/16" (30)	5/16" (8)	1 1/2" (38)	4.5 (2)
D 1518 RB	18" (457)	1 1/2" (38)	1 3/16" (30)	5/16" (8)	1 1/2" (38)	9 (4)
D 2012 RB	12" (305)	2" (51)	1 11/16" (42)	5/16" (8)	2" (51)	12.2 (5.5)
D 3012 RB	12" (305)	3" (76)	2 5/8" (65.5)	3/8" (9.5)	3" (76)	26.4 (12)
BARS & BLOCKS						
D 1043 WB	3" (75)	2" (50)	5/8" (15)	3/8" (10)	1 " (25)	2.2 (1)
D 44 WB	4" (101)	4" (101)	3/8" (10)	1/8" (3)	1/2" (13)	2.2 (1)
D 2265 WB	4 1/2" (115)	2" (50)	1 1/2" (38)	1/2" (12)	2" (50)	5 (2.3)
D 337 WB	5" (127)	2" (50)	1 1/2" (38)	1/2" (12)	2" (50)	5.6 (2.5)
D 1062 WB	6" (152)	2" (50)	1 5/8" (40)	3/8" (10)	2" (50)	6.8 (3.1)
D 184 WB	6" (152)	3" (76)	1 1/8" (28)	3/8" (10)	1 ½" (38)	7.7 (3.4)
D 528 WB	6" (152)	3" (76)	1 5/8" (40)	3/8" (10)	2" (50)	9.7 (4.4)
D 619 WB	6" (152)	3" (76)	2" (50)	3/8" (10)	2 3/8" (60)	11.7 (5.3)
D 919 WB	8" (203)	1" (25)	5/8" (15)	3/8" (10)	1" (25)	2.3 (1.04)
D 271 WB	8" (203)	2" (50)	5/8" (15)	3/8" (10)	1" (25)	4.5 (2)
D 269 WB	9" (230)	1" (25)	11/16" (17)	5/16" (8)	1" (25)	2.5 (1.2)
D 270 WB	10" (254)	2" (50)	15/32" (12)	5/16" (8)	25/32" (20)	4.4 (2)
D 1191 WB	11 13/16" (300)	1" (25)	5/8" (15)	3/8" (10)	1" (25)	3.4 (1.5)
D 2016 WB	12" (305)	2" (50)	1 5/8" (40)	3/8" (10)	2" (50)	13.3 (6)
D 1203 WB	12" (305)	3" (76)	¾" (19)	¼" (6)	1" (25)	10.0 (4.5)
D 1046 WB	17" (432)	2" (50)	1 5/8" (40)	3/8" (10)	2" (50)	19.2 (8.7)
D 2202 WB	23 5/8 (600)	2" (50)	1 5/8" (40)	3/8" (10)	2" (50)	26.2 (11.9)
D 2403 WB	24" (610)	3" (76)	1" (25)	1/2" (13)	1 1/2" (38)	30.5 (13.8)
D 800 WB	31 1/2" (800)	3" (76)	1 1/4" (32)	1/2" (13)	1 3/4" (44)	47 (21.3)

SKID BARS

RECTANGULAR, HERRINGBONE & DOMED EDGE

- Domite® 700BHN Skid Bars are far superior to standard Q&T wear plates offering greater wear life
- Mild Steel backing plate allows for easy welding in place
- They feature Tapered & Rounded edges to deflect Impact & Material
- Geometric & Engineered design to increase wear life
- Wear channels which pack with Ore creating Ore on Ore wear
- Various Shapes & Sizes allow for custom configurations to best resist wear in Buckets, Haul Trucks & Fixed plant Applications





DOMITE SKID BARS						
PART NO.	Length (A)	Width (B)	Domite (C)	Backing (D)	Thickness(E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
RECTANGLE						
D 403 SB	8 1/2" (216)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	11.2 (5.1)
D 406 SB	12" (305)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	16.1 (7.3)
D 409 SB	6" (152)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	8.2 (3.7)
D 205 SB	11" (279)	3" (75)	7/8" (22)	1/2" (12)	1 3/8" (34)	13.5 (6.1)
HERRINGBONE						
D 404L SB	8 1/2" (216)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	13 (5.9)
D 405R SB	8 1/2" (216)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	13 (5.9)
D 407L SB	12" (305)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	18.5 (8.4)
D 408R SB	12" (305)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	18.5 (8.4)
D 410L SB	6" (152)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	9.3 (4.2)
D 411R SB	6" (152)	4" (101)	7/8" (22)	1/2" (12)	1 3/8" (34)	9.3 (4.2)
ROUND EDGE						
D 413 SB	8" (204)	6" (152)	51/64" (20)	1" (25)	1 51/64" (45)	29 (13.1)
D 1102 SB	10" (254)	6" (152)	51/64" (20)	1" (25)	1 51/64" (45)	23.2 (10.5)
D 1103 SB	10" (254)	10" (254)	51/64" (20)	1" (25)	1 51/64" (45)	48.5 (22)

WEAR PLATES

Easy to use and install, Domite® Wear Plates provide superior resistance to abrasion & impact.
Suited for a wide range of Fixed & Mobile applications: Chute's, Hoppers, Apron Feeders, Vibratory Feeders, Transfer points, Ore Passes, Conveyor Skirting, Haul Truck Beds, Target & Deflector plates and Buckets etc
Domite Wear Technology have a range of standard plates but also specialize in custom solutions, speak to us about how we can help you reduce your wear today.
Attachment methods include;

- Welding into place, no pre or post heating required, plug or perimeter weld
- Arc Studs can easily be attached to the back of the liners to specified requirements
- Custom counter bore or counter sunk bolt holes can be added
- Mechanically & Gravity attached liners, no welding required once the base plate is in place, simply change the wear cap as required

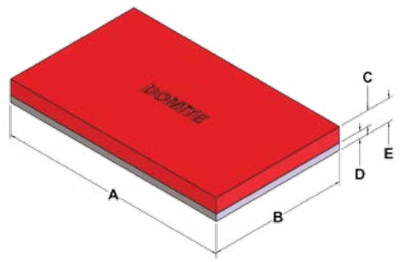
Realizing each application has different wear characteristics Domite have come up with a range of Custom liner designs to combat channeling & premature wear which can result in early plate replacement. Speak to us about our:

- Domite capped bolts
- Chevron offset liner layouts

DOMITE WEAR PLATES						
PART NO.	Length (A)	Width (B)	Domite® (C)	Backing (D)	Thickness(E)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
D 1040 WP	9" (229)	6" (152)	5/16" (8)	3/16" (5)	1/2" (13)	7.6 (3.5)
D 1050 WP*	9" (229)	6" (152)	3/4" (19)	1/4" (6)	1" (25)	15.3 (7)
D 1055 WP	9" (229)	9" (229)	5/16" (8)	3/16" (5)	1/2" (13)	11.5 (5.2)
D 1060 WP*	10" (254)	6" (152)	11/16" (17)	5/16" (8)	1" (25)	17 (7.7)
D 1102 WP	10" (254)	6" (152)	1 3/8" (35)	3/8" (10)	1 ¾" (45)	29 (13.2)
D 1010 WP*	10" (254)	10" (254)	11/16" (17)	5/16" (8)	1" (25)	28.5 (12.9)
D 1103 WP	10" (254)	10" (254)	1 ¼" (32)	½" (13)	1 ¾" (45)	49.5 (22.5)
D 1185 WP**	11 1/2" (282)	8 1/2" (216)	1" (25)	1/4" (6)	1 1/4" (31)	35 (15.9)
D 1260 WP	12" (305)	6" (152)	11/16" (17)	5/16" (8)	1" (25)	20.0 (9)
D 1210 WP	12" (305)	10" (254)	1 5/8" (41)	3/8" (9)	2" (51)	68 (31)
D 1212 WP	12" (305)	12" (305)	3/4" (19)	1/4" (6)	1"(25)	41 (18.6)
D 667 WP	15 1/2" (445)	15 1/2" (445)	¾" (19)	¼" (6)	1" (25)	86 (39)
D 1610 WP	16" (400)	10 ½" (268)	¾" (19)	¼" (6)	1" (25)	46 (20.8)
D 5701 WP	18" (457)	12" (305)	¾" (19)	¼" (6)	1" (25)	63.5 (28.8)
D 1158WP x2**	22 5/8" (275)	8 3/16" (208)	1" (25)	¼" (6)	1 1/4" (31)	62 (28)
D 1185 WP x2**	23 1/2" (597)	8 1/2" (216)	1" (25)	1/4" (6)	1 1/4" (31)	66.8 (30.3)
D 2424 WP	24" (610)	24" (610)	1" (25)	¼" (6)	1 1/4" (31)	204 (92.5)

*** Indicates Plates are available with round edges**

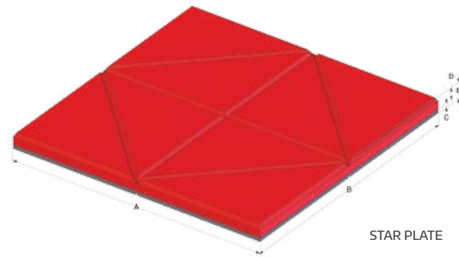
**** Indicates Plates are available with or without plug weld or bolt holes**



BREAKER / STAR PLATES

Domite Star/Breaker plates are a versatile plate, their unique cast notches allow you to use them in an unlimited number of applications.
Use as a whole or break them (under pressure) into the desired shape for your application

- Allows you to keep less plate inventory (as you make your own size)
- Standard overall size 400mm x 400mm x 1" thick
- 3 styles available; Jack (D400JK), Star (D400SP) & Straight (D400ST) line notches
- Cost effective vs CCO & AR plate as gain extended wear life



STAR PLATE

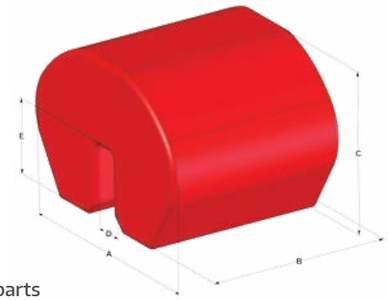
SHEETS

Domite sheets combine the unparalleled abrasion resistance of chrome white iron with the availability and versatility of overlay plates. By taking multiple chrome-white-iron castings and bonding them onto a single continuous sheet of mild steel, Domite Wear Technology Inc. has developed the ability to produce larger sizes than previously offered in a bonded chrome-white-iron.

These large sheets are easy to handle and with the use of water-jet technology, any design or shape can be easily programmed for quick and easy cutting either at our facility, or yours. This approach offers a time sensitive solution at an economical price.

Any size combination is possible within these ranges;

- **THICKNESS** - from 1/2" (12mm) - 4" (100mm) +
- **WIDTH** - from 16" (400mm) - 27" (700mm)
- **LENGTH** - from 16" (400mm) - 36" (915mm)



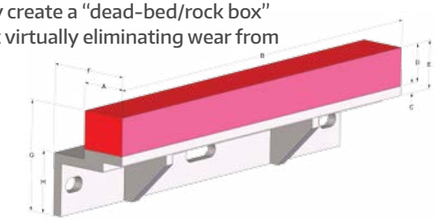
LOAF LINERS

- Domite 700BHN Loaf Liners are far superior to standard cast & alloyed steel parts
- Used to Rock Box / Dead Bed material in Boxes, Bins, Ledges, Conveyor systems & Transfer points
- Protects the edge from impact & wear, allows material to build up creating Ore on Ore wear
- Easily installed, no welding required just drop in place
- Designed to sit on 4" rail that secures the loafs in place
- Gain maximum life, once one side is worn, spin the loaf to expose the other side
- Different sizes allow for unique configurations
- Range of lifting lug options available

DOMITE LOAF LINERS					
PART NO.	Width (A)	Length (B)	Height (C)	Slot Width (D)	Slot Height (E)
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
D 4 L	8" (203)	4" (102)	8" (203)	1 1/8" (29)	4" (102)
D 8 L	8" (203)	8" (203)	8" (203)	1 1/8" (29)	4" (102)
D 10 L	8" (203)	10" (254)	8" (203)	1 1/8" (29)	4" (102)

MICRO LEDGE

- Designed specifically for chutes, bins transfer points and hoppers which handle and store fine, crusher ores
- When these Micro Ledges are installed in multiple rows on the substrate they create a "dead-bed/rock box" effect. Ore gets trapped in the ledge & you then get an ore on ore wear effect virtually eliminating wear from the substrate.
- Extends the maintenance life of bins, chutes, transfer points and hoppers.
- 700 BHN Domite reduces wear at the edge of the ledge
- Five popular sizes available or custom designed to suit specific needs
- Cost effective wear solution, light & simple installation and use

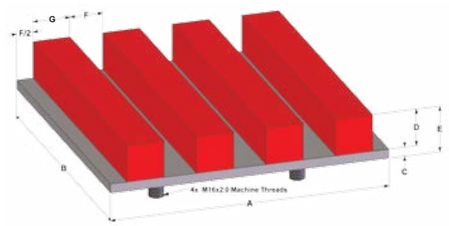


DOMITE MICRO LEDGE									
PART NO.	Width (A)	Length (B)	Backing (C)	Domite (D)	Thickness (E)	F	G	H	Weight
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lb (kg)
D 10 ML	2" (50)	5" (128)	5/16" (8)	1 5/8" (42)	2" (50)	3 1/2" (90)	4 1/2" (115)	2 1/2" (65)	8 (3.6)
D 11 ML	2" (50)	7 1/2" (190)	5/16" (8)	1 5/8" (42)	2" (50)	3 1/2" (90)	4 1/2" (115)	2 1/2" (65)	12 (5.5)
D 12 ML	2" (50)	8 1/4" (210)	5/16" (8)	1 5/8" (42)	2" (50)	3 1/2" (90)	4 1/2" (115)	2 1/2" (65)	13.2 (6.0)
D 13 ML	2" (50)	9" (230)	5/16" (8)	1 5/8" (42)	2" (50)	3 1/2" (90)	4 1/2" (115)	2 1/2" (65)	14.5 (6.6)
D 14 ML	2" (50)	17" (432)	5/16" (8)	1 5/8" (42)	2" (50)	3 1/2" (90)	4 1/2" (115)	2 1/2" (65)	27.5 (12.5)

DOMITE TRAP

The Domite Trap is a rock box liner. With a range of sizes you can line a chute, ore pass or hopper with these liners, arrangement should be perpendicular to the ore/muck flow. As ore/muck gets stuck between the Domite Bars you then get ore on ore/muck on muck wear, reducing wear on the liner.

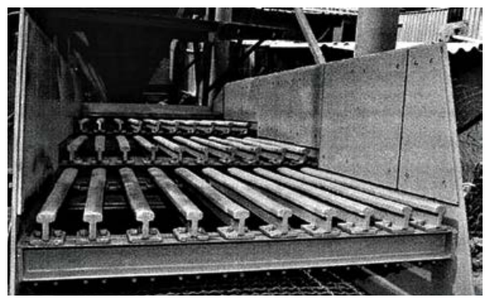
- Cost effective as you are using less wear material to cover the surface area
- Attachment is simple, via welding, bolts, studs or mechanical (via the use of the same technology as the Domite grav lock).
- Mechanical attachment is great as it doesn't require access from the back of your surface, & there is a reduction in confined space hazards.

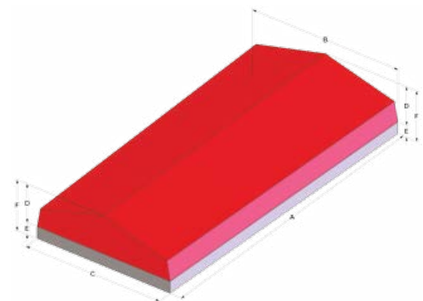


DOMITE TRAP									
PART NO.	Length (A)	Width (B)	Backing (C)	Domite® (D)	Thickness (E)	(F)	(F2)	(G)	Weight
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
HEAVY DUTY TRAP									
D 1212 TH	12" (305)	12" (305)	1/2" (12.5)	2" (50)	2 1/2" (62.5)	2" (51)	1" (25)	2" (51)	61 (28)
D 612 TH	12" (305)	6" (152)	1/2" (12.5)	2" (50)	2 1/2" (62.5)	2" (51)	1" (25)	2" (51)	30.5 (14)
STANDARD TRAP									
D 1212 T	12" (305)	12" (305)	3/8" (9)	1 5/8" (41)	2" (51)	1" (25)	1/2" (12.5)	2" (51)	60 (27)
D 612 T	12" (305)	6" (152)	3/8" (9)	1 5/8" (41)	2" (51)	1" (25)	1/2" (12.5)	2" (51)	29.5 (13.4)
D 126 T	6" (152)	12" (305)	3/8" (9)	1 5/8" (41)	2" (51)	1" (25)	1/2" (12.5)	2" (51)	29.5 (13.4)
D 66 T	6" (152)	6" (152)	3/8" (9)	1 5/8" (41)	2" (51)	1" (25)	1/2" (12.5)	2" (51)	14.7 (6.7)

GRIZZLY BARS/CAPS

- Superior wear resistance results in higher consistency of ore size feeding your crushing circuit
- Domite Grizzly Caps improve performance in Downstream, Secondary and Tertiary Crushing
- The peaked profile improves efficiency, ensuring all material passes over the screen slits
- Available in taper profiles & widths
- Also available is the D 1518H Round Bar and D 2403 Wear Bar if no taper or peak is required.





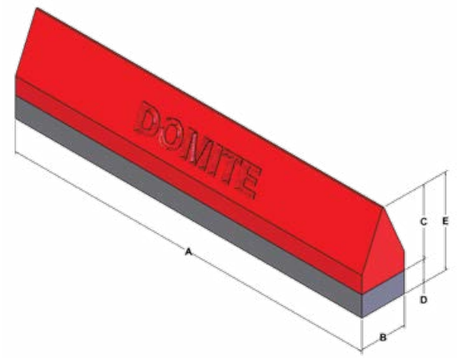
DOMITE GRIZZLY BARS							
PART NO.	Length (A)	Width (B)	Width (C)	Domite® (D)	Backing (E)	Thickness(F)	Weight
	in. (mm)	mm	mm	in. (mm)	in. (mm)	in. (mm)	lbs. (kg)
TYPE A - 150 / 50 - TAPER							
D 201 GB	12" (305)	150	137.5	1 1/2" (38)	1/2" (12)	2" (50)	30 (13.6)
D 202 GB	12" (305)	137.5	125	1 1/2" (38)	1/2" (12)	2" (50)	27.6 (12.5)
D 203 GB	12" (305)	125	112.5	1 1/2" (38)	1/2" (12)	2" (50)	24.7 (11.2)
D 204 GB	12" (305)	112.5	100	1 1/2" (38)	1/2" (12)	2" (50)	22.1 (10)
D 205 GB	12" (305)	100	87.5	1 1/2" (38)	1/2" (12)	2" (50)	19.4 (8.8)
D 206 GB	12" (305)	87.5	75	1 1/2" (38)	1/2" (12)	2" (50)	16.5 (7.5)
D 207 GB	12" (305)	75	62.5	1 1/2" (38)	1/2" (12)	2" (50)	13.9 (6.3)
D 208 GB	12" (305)	62.5	50	1 1/2" (38)	1/2" (12)	2" (50)	11.2 (5.1)
TYPE B - 150 / 75 - TAPER							
D 301 GB	12" (305)	150	141	1 1/2" (38)	1/2" (12)	2" (50)	30.4 (13.8)
D 302 GB	12" (305)	141	131	1 1/2" (38)	1/2" (12)	2" (50)	28.4 (12.9)
D 303 GB	12" (305)	131	122	1 1/2" (38)	1/2" (12)	2" (50)	26.2 (11.9)
D 304 GB	12" (305)	122	113	1 1/2" (38)	1/2" (12)	2" (50)	24.5 (11.1)
D 305 GB	12" (305)	113	103	1 1/2" (38)	1/2" (12)	2" (50)	22.3 (10.1)
D 306 GB	12" (305)	103	94	1 1/2" (38)	1/2" (12)	2" (50)	20.3 (9.2)
D 307 GB	12" (305)	94	84	1 1/2" (38)	1/2" (12)	2" (50)	18.3 (8.3)
D 308 GB	12" (305)	84	75	1 1/2" (38)	1/2" (12)	2" (50)	16.3 (7.4)
TYPE C - 76 / 38 - TAPER							
D 401 GB	15 1/2" (445)	76	66.5	1 1/2" (38)	1/2" (12)	2" (50)	14.6 (6.6)
D 402 GB	10" (254)	67	57	1 1/2" (38)	1/2 (12)	2" (50)	12.3 (5.6)
D 403 GB	11 1/2" (282)	57	47.5	1 1/2" (38)	1/2" (12)	2" (50)	10.4 (4.7)
D 404 GB	12" (305)	48	38	1 1/2" (38)	1/2 (12)	2" (50)	8.4 (3.8)

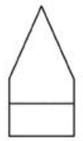
KNIFE EDGES

CANE KNIFE CHOPPERS, CUTTERS, & MINCERS

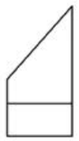
ARROWHEAD, HALF ARROWHEAD & BLUNT STYLES AVAILABLE

- Domite 700BHN Knife Edges are far superior Q&T knife edges offering greater wear life
- Cost effective compared to hard facing
- Superior edge retention & sharpness
- Easy to install, maintain & replace
- Will provide increased production & cutting efficiency.

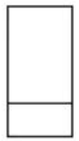




ARROWHEAD



HALF ARROWHEAD



BLUNT

DOMITE KNIFE & BLUNT EDGES

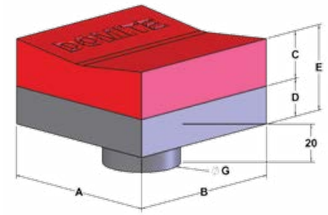
PART NO.	Length (A) in. (mm)	Width (B) in. (mm)	Domite® (C) in. (mm)	Backing (D) in. (mm)	Thickness(E) in. (mm)	Weight lbs. (kg)
ARROWHEAD						
D 816 AH	8" (203)	5/8" (16)	1 ½" (38)	½" (12)	2" (50)	2 (0.9)
D 819 AH	8" (203)	¾" (19)	1 ½" (38)	½" (12)	2" (50)	2.4 (1.1)
D 822 AH	8" (203)	7/8" (22)	1 ½" (38)	½" (12)	2" (50)	2.9 (1.3)
D 825 AH	8" (203)	1" (25)	1 ½" (38)	½" (12)	2" (50)	3.3 (1.5)
D 1216 AH	12" (305)	5/8" (16)	1 ½" (38)	½" (12)	2" (50)	3.1 (1.4)
D 1219 AH	12" (305)	¾" (19)	1 ½" (38)	½" (12)	2" (50)	3.5 (1.6)
D 1222 AH	12" (305)	7/8" (22)	1 ½" (38)	½" (12)	2" (50)	4.2 (1.9)
D 1225 AH	12" (305)	1" (25)	1 ½" (38)	½" (12)	2" (50)	4.9 (2.2)
HALF ARROWHEAD						
D 816 HA	8" (203)	5/8" (16)	1 ½" (38)	½" (12)	2" (50)	2.2 (1)
D 825 HA	8" (203)	1" (25)	2" (50)	½" (12)	2 7/16" (62)	4.6 (2.1)
D 1225 HA	12" (305)	1" (25)	1 9/16" (40)	5/8" (16)	2 3/16" (56)	5.5 (2.5)
BLUNT						
D 825 BL	8" (203)	1" (25)	1 ½" (38)	½" (12)	2" (50)	3.5 (1.6)
D 819 BL	8" (203)	¾" (19)	1 ½" (38)	½" (12)	2" (50)	4.6 (2.1)
D 1225 BL	12" (305)	1" (25)	1 ½" (38)	½" (12)	2" (50)	5.1 (2.3)

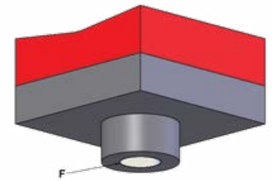
HAMMER TIPS / INSERTS

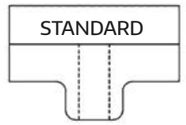
FOR SHREDDING & GRINDING APPLICATIONS

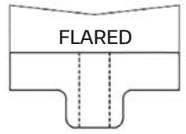
STANDARD, FLARED & BUTTERFLY SHAPES

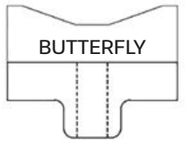
- Domite 700BHN Hammer Tips are far superior to standard Q&T wear tips offering greater wear life
- Machined steel base allows for quick & easy in-situ installation
- Cost effective as compared to hard facing
- Superior edge retention & sharpness
- No need to rebuild edges
- Geometric & Engineered design to increase wear life
- Tips can be rotated for maximum wear life











700 BHN
THROUGH HARDENED COMPONENTS

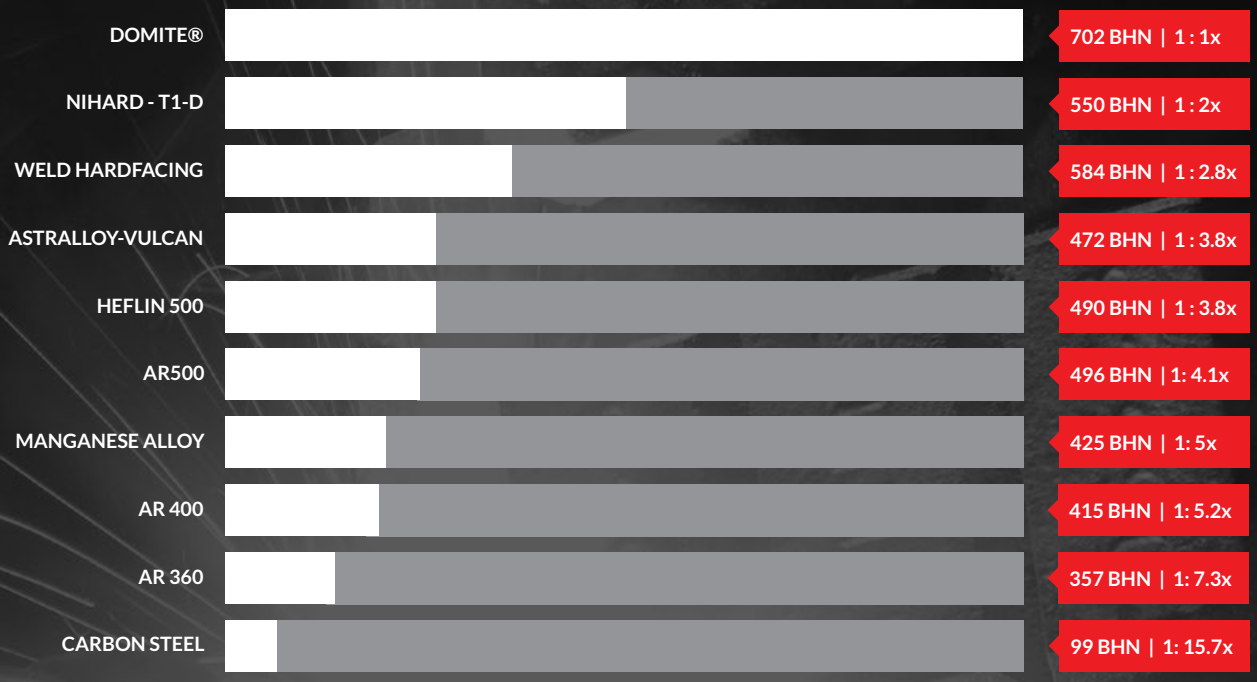
DOMITE HAMMER TIPS

PART NO.	Length (A) in (mm)	Width (B) in (mm)	Domite® (C) in (mm)	Backing (D) in (mm)	Thickness (E) in (mm)	Hole (F)	Boss (G) mm	Weight lbs. (kg)
STANDARD								
D 9090 HT	3 1/2" (90)	3 1/2" (90)	1" (25)	25/32" (20)	1 25/32" (45)	7/8"-14 UNF	40	6.4 (2.9)
D 9050 HT	3 1/2" (90)	1 31/32" (50)	1" (25)	25/32" (20)	1 25/32" (45)	7/8"-14 UNF	40	3.5 (1.6)
D 5050 HT	1 31/32" (50)	1 31/32" (50)	25/32" (20)	45/64" (18)	1 1/2" (38)	3/4" - 16 UNF	32	1.5 (0.7)
D 8080 HT	3 5/32" (80)	3 5/32" (80)	1" (25)	25/32" (20)	1 25/32" (45)	7/8"-14 UNF	40	5.3 (2.4)
D 100 HT	3 15/16" (100)	3 15/16" (100)	1" (25)	25/32" (20)	1 25/32" (45)	7/8"-14 UNF	40	7.9 (3.6)
D 64 HT	2 1/2" (64)	2 1/2" (64)	25/32" (20)	25/32" (20)	1 37/64" (40)	3/4" - 16 UNF	31.3	2.6 (1.2)
D 8056 HT	3 5/32" (80)	2 13/64" (56)	1" (25)	25/32" (20)	1 25/32" (45)	M20 x 1.5P	35	3.5 (1.6)
FLARED								
D 1654 HT	3 1/2" (90)	3 1/2" (90)	1 3/16" (30)	25/32" (20)	1 31/32" (50)	7/8"-14 UNF	40	6.6 (3)
D 2038 HT	3 5/32" (80)	2 13/64" (56)	1 3/16" (30)	25/32" (20)	1 31/32" (50)	M20 x 1.5P	35	4 (1.8)
BUTTERFLY								
D 1927 HT	3 1/2" (90)	3 1/2" (90)	1 3/8" (35)	25/32" (20)	2 5/32" (55)	7/8"-14 UNF	40	6.8 (3.1)
D 2014 HT	3 1/2" (90)	1 31/32" (50)	1 3/8" (35)	25/32" (20)	2 5/32" (55)	7/8"-14 UNF	40	4 (1.8)
D 2039 HT	3 5/32" (80)	2 13/64" (56)	1 3/8" (35)	25/32" (20)	2 5/32" (55)	M20 x 1.5P	35	4.2 (1.9)

MATERIAL WEAR RATE vs. DOMITE®

FROM THE FIELD - US Open Pit Mine

ABRASION RESISTANT BONDED CHROME-WHITE IRON FOR THE TOUGHEST APPLICATIONS



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