CCO Plate



High volume primary chromium carbide evenly distributed.

Flat surface with excellent plate flatness.

Macro-hardness:58-63HRC.

Multiple grades available to suit different applications.

Excellent wear performance(ASTM G65 procedure A).

Larger sheet size to extend plate utilizing.

Uniform plus tolerance thickness.

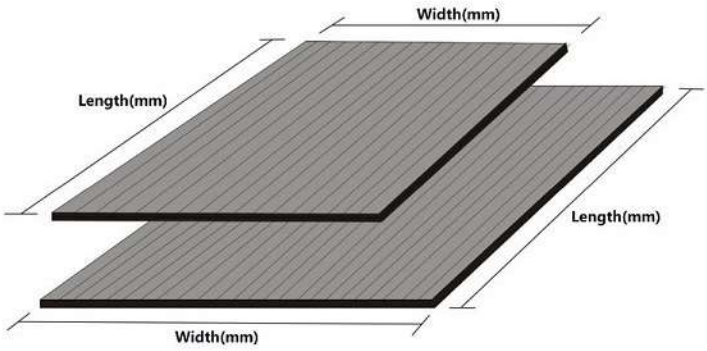
Good formability due to even stress relief in overlay.

BENEPARTS

Standard size

Medium Size	Large Size
1400*3000mm	1400*3500mm
1500*3000mm	2100*3500mm
2000*3000mm	2100*6000mm

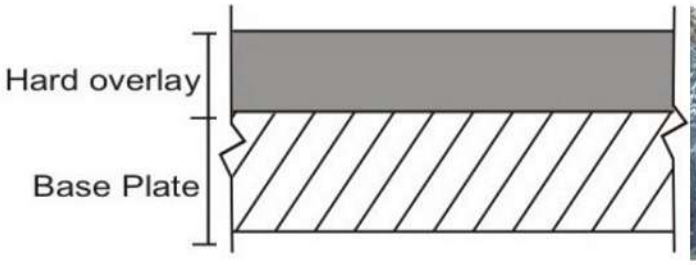
* Customized size is available.



Popular thickness

3 on 5	4 on 4	4 on 6	5 on 8	6 on 8
7 on 8	8 on 8	8 on 10	10 on 10	12 on 12

* Customized thickness is available.





Chromium

Mild Steel

Material type

	C	Si	Mn	Cr	W	Mo+Nb+Ti+V+W
BP100	3-6.5%	1-3%	1-3%	20-32%		
BP200	3.5-7.5%	0.5-3.0%	0.5-3.0%	30-40%		
BP300	3-7.5%	0.5-3.0%	0.5-3.0%	21-35%		≥2.5%
BP600	4.4-7.5%	0.5-3.0%	0.5-2.0%	23-40%	2-7%	

Macro-hardness

HRC 58-65

Temperature

Up to 450℃

Alloy description

Martensite chrome carbide iron,Cr7C3





Fabrication

Cutting | Forming | Welding | Stud Attachment | Assembling









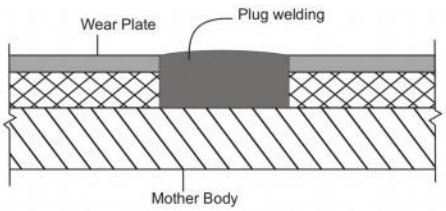


Formability

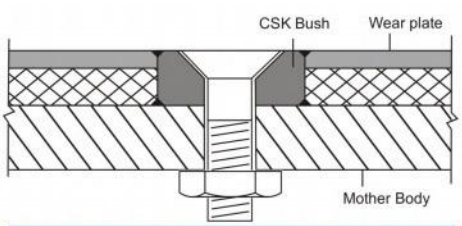
Minimum Rolling Radius: 300mm

Machinability

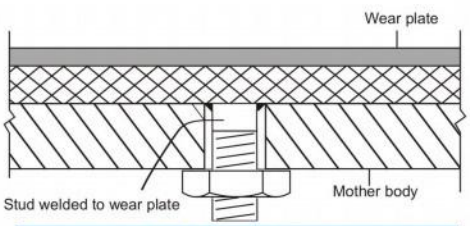
Plasma cutting, saw cutting, laser cutting, water jet cutting, gouging,countersink, stud bolt



Plug weldin technique



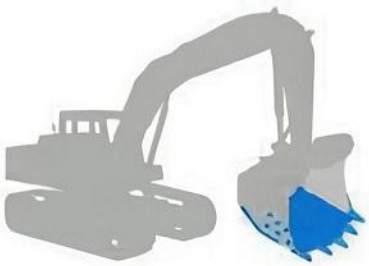
CSK Bush bolting technique



Stud Bolting technique

APPLICATIONS:

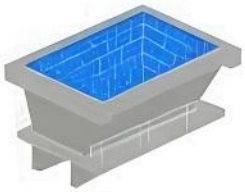
Open Pit Mine Ore Flow



FACE SHOVEL
Bucket Armour System



HAULAGE TRUCK Liners



RECEIVING HOPPER
Wall Liners



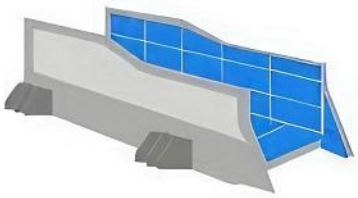
CRUSHER INLET CHUTE
Floor & Wall Liners



PRIMARY CRUSHER
Gyratory – Spider Arms



DISCHARGE CHUTE
Floor & Wall Liner



APRON FEEDER
Skirting & Floor Liners



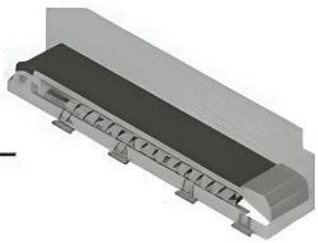
SURGE BIN
Floor & Wall Liners



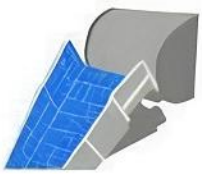
SECONDARY CRUSHER
Double Roll Teeth



CRUSHER INLET CHUTE
Floor & Wall Liners



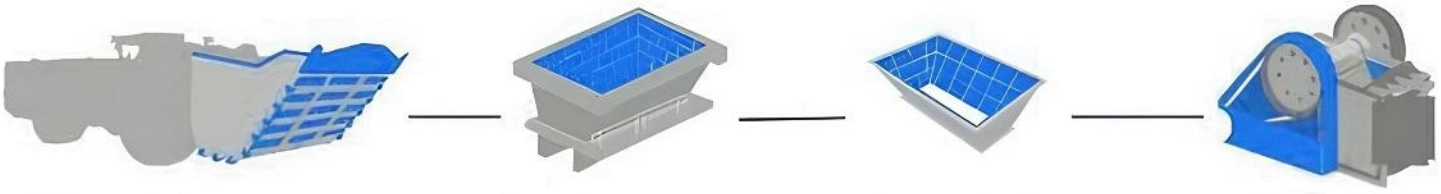
CONVEYOR TO MILL
Skirt Liners & Pully Cleaners



SAG MILL
Feed Chute Liners

APPLICATIONS:

Underground Mine Ore Flow

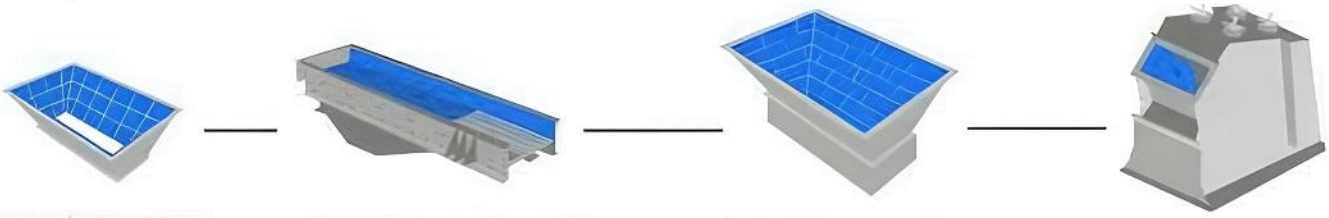


SCOOP TRAM
Bucket Armour System

ORE PASS
Wall Liners

UPPER FEED CHUTE
Floor & Wall Liners

PRIMARY CRUSHER
Jaw Cheek Plates

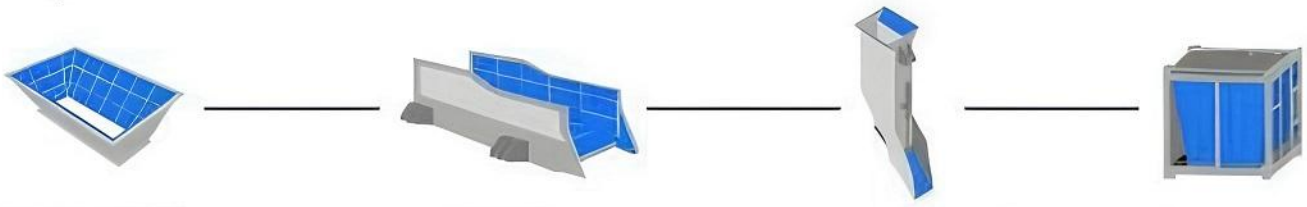


DISCHARGE CHUTE
Floor & Wall Liners

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
Skirt Liners

LOADING POCKET/
MEASURING BOX
Wall Liners

SKIP
Wall Liners



SKIP DISCHARGE CHUTE
Floor & Wall Liners

TRANSFER CONVEYOR
Skirt LIners & Pully Cleaners

SAG MILL
Feed Chute Liners

APPLICATION PHOTOS

Wear linings, chute liners, hopper liners









Truck Body Liner





Bucket and Shovel Liners







Dozer Liner



