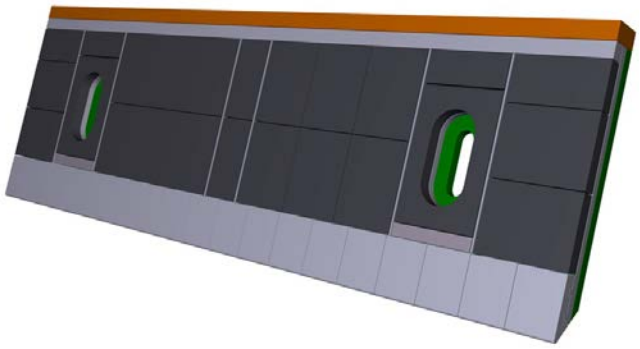
K-Speedskirt® – Hardskirt Plates

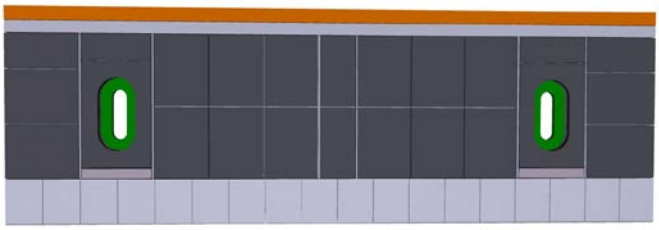
Highest Durability Composite (Tungsten Carbide / Silicon Carbide / Chrome Carbide)



Hardskirts are often overlooked and yet are a critical component of high-capacity bulk transport systems. Despite the three-fold increase in conveying speeds and capacities over the past 30 years, the same materials and technologies are often used (Ni-Hard, chrome-white iron, rubber, rubber-ceramics).

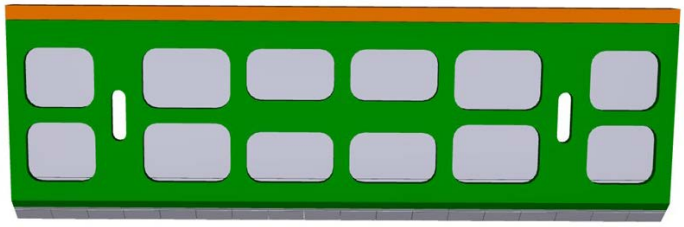
Hardskirts wear unevenly, so they are difficult to adjust and the changeout procedures are challenging. This often leads to material getting trapped, causing accelerated belt wear.

Kinder Australia introduces K-Speedskirt®, ceramic and composite hardskirts with differentiated wear and impact resistance on the face and edges (bevels). High-tech materials and assembly techniques ensure best durability, flow performance and belt safety. The edges (bevels) have a very low wear rate, so the most important part of the hard skirt is able to retain its profile longer, which in-turn yields the following benefits:



Front Face

- Less spillage and elimination of premature skirting wear.
- Up to 8 times longer hardskirt durability.
- Dramatically reduced belt cover wear.



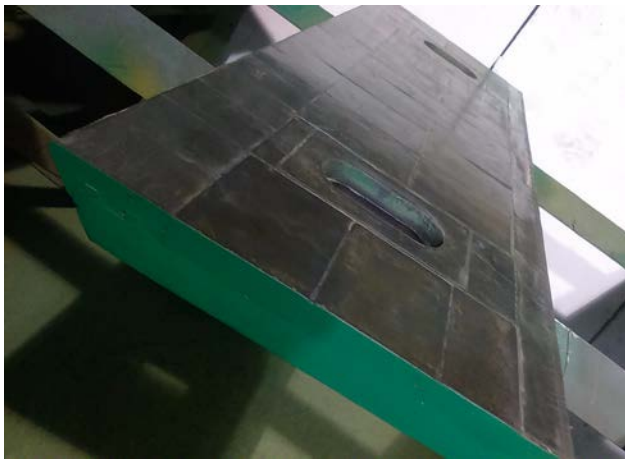
Rear Face

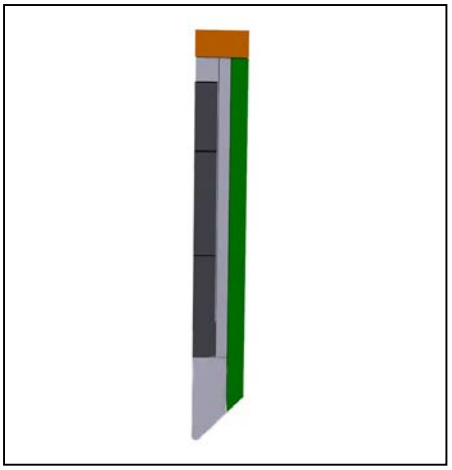
www.kinder.com.au
Kinder Australia Pty Ltd
P | +61 3 8587 9111 F | +61 3 8587 9101 E | sales@kinder.com.au
26 Canterbury Rd, Braeside VIC 3195 (PO Box 1026, Braeside VIC 3195)
abn 28 006 489 238

K-Speedskirt® – Hardskirt Plates

Recommended Field Application	Edges	Face	Durability Factor
Belt conveyors up to 3.1 m/s. Coarse to medium ore and free fall.	H15 HD chrome carbide overlay	H12 Standard chrome carbide overlay	3 - 6
Belt conveyors up to 5.0 m/s. Coarse to medium ore and free fall.	N 16 High impact nanocarbide overlay	H15 HD chrome carbide overlay	4 - 10
Belt conveyors up to 7.1 m/s. Coarse to medium ore and free fall.	T30 High impact tungsten carbide blocks	N16 High impact nanocarbide overlay	8 - 13
Belt conveyors up to 7.1 m/s. Medium to fine ore and free fall.	T27 High abrasion tungsten carbide blocks	N17 High abrasion nanocarbide overlay	10 - 16
Belt conveyors up to 3.1 m/s. Fine ore, no impact.	A92 CoorsTek alumina ceramic	A92 CoorsTek alumina ceramic	2 – 2.5
Belt conveyors up to 5,0 m/s. Fine ore, low impact.	A97 Fine Grain alumina ceramic	A97 Fine Grain alumina ceramic	4 - 5
Belt conveyors up to 6.0 m/s. Flne ore, low impact.	Sintered silicon nitride	A97 Fine Grain alumina ceramic	5 - 7
Belt conveyors up to 7.1 m/s. Fine ore, medium impact.	T27 High abrasion tungsten carbide blocks	Sintered silicon nitride RB silicon carbide	8 - 14

NOTES: - The durability factor is a reference indicator against AR500 steel in overlay hardskirts and against standard alumina ceramics in composite hardskirts.
- All hardskirt plates may be supplied with preinstalled bolts or with adjustable bolt holes.





www.kinder.com.au
Kinder Australia Pty Ltd
P | +61 3 8587 9111 F | +61 3 8587 9101 E | sales@kinder.com.au
26 Canterbury Rd, Braeside VIC 3195 (PO Box 1026, Braeside VIC 3195)
abn 28 006 489 238