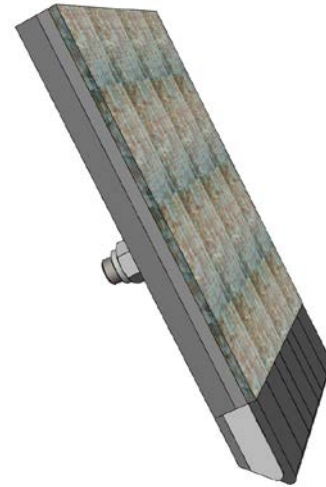


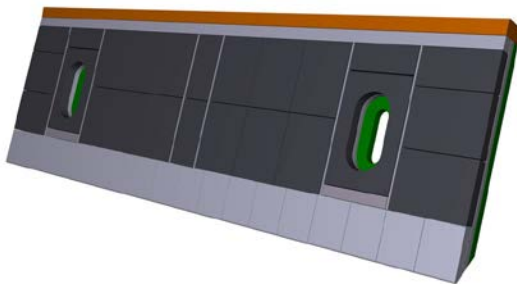
K-Speedskirt® Hardskirt Plates



Highest Durability Composite Hardskirts (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 40 years, the same materials and technologies are often used (Ni-Hard, chrome carbide overlay, rubber and alumina-ceramics).

Hardskirts wear unevenly, so they are difficult to adjust and the changeout procedures are challenging. This often leads to material getting trapped below the hardskirt bevel, 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 tungsten carbide bevelled edge has been designed and optimised in the field to prevent material entrapment and promote maximum material flow, yielding the following benefits:

- Dramatically reduced belt cover wear.
- 6 to 14 times longer hardskirt durability before spillage occurs.
- Less spillage and elimination of premature skirting wear.

kinder.com.au

Subject to © Kinder Australia Pty Ltd

Issue: 202205

Kinder Australia Pty Ltd

26 Canterbury Road, Braeside VIC 3195
PO Box 1026, Braeside VIC 3195

☎ +61 3 8587 9111
✉ +61 3 8587 9101

✉ conveyorsolutions@kinder.com.au

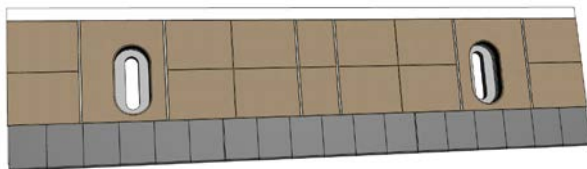
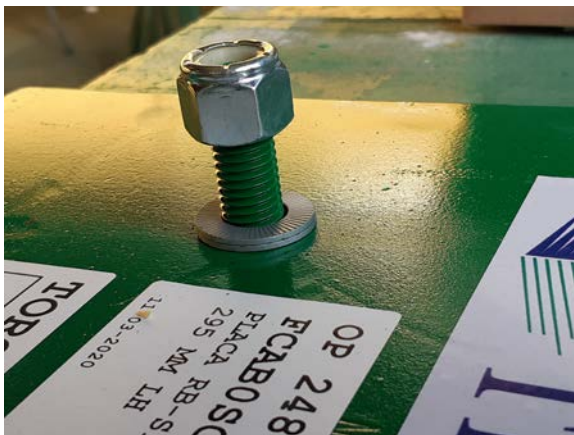
ABN: 28 006 489 238

K-Speedskirt® Hardskirt Plates

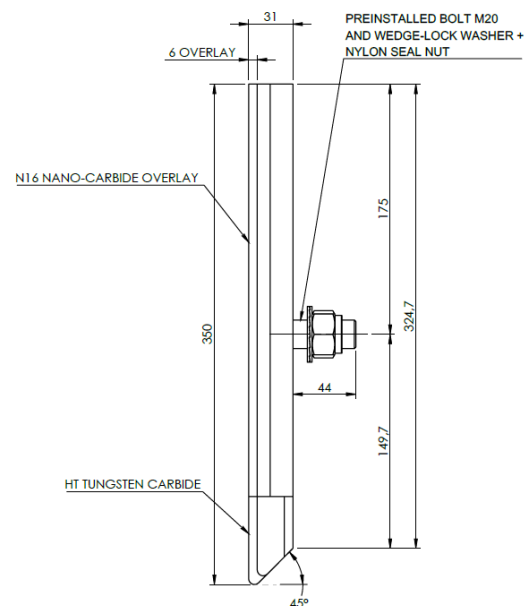
	FIELD APPLICATION	EDGE	FACE	DURABILITY VS AR500	DURABILITY VS NH 4-3
1	Belt conveyors up to 5.3 m/s. Coarse ore (> 100 mm) and fines.	HT tungsten carbide	N16 high impact overlay	7 – 10	2 – 4
2	Belt conveyors up to 7.1 m/s Medium ore (< 100 mm), high impact.	HT tungsten carbide	N16 high impact overlay	10 – 15	3 – 5
3	Belt conveyors up to 7.1 m/s. Fine ore (< 40 mm), medium impact.	TA tungsten carbide	N17 high abrasion overlay	20 – 28	5 – 7
4	Belt conveyors up to 7.1 m/s. Fine ore (< 40 mm), low impact, wet.	TA tungsten carbide	Reaction bonded silicon carbide	26 – 36	8 – 12
5	Belt conveyors up to 7.1 m/s. Fine ore (< 20 mm), low impact, dry.	HA tungsten carbide	Reaction bonded silicon carbide	20 – 30	5 – 8
6	Belt conveyors up to 7.1 m/s. Fine ore (< 20 mm), low impact, wet.	HA tungsten carbide	Reaction bonded silicon carbide	30 – 40	10 – 14
7	Belt conveyors up to 5.3 m/s. Fine ore (< 20 mm), low impact, wet.	Reaction bonded silicon carbide	Reaction bonded silicon carbide	26 – 36	8 – 12

NOTES:

- Durability factor is compared against abrasion resistant 500 Brinell steel and NiHard 4 grade 3.
- Top edge can be optioned with a chrome carbide strip for severe impact protection.



Preinstalled bolt standard.
Hardskirts can be optioned with a
standard through bolt/slot arrangement.



Tungsten Carbide - N16 Nano Carbide Hardskirt Example
(Height, width and bolt location customisable to suit application)

kinder.com.au

Subject to © Kinder Australia Pty Ltd

Issue: 202205

Kinder Australia Pty Ltd

26 Canterbury Road, Braeside VIC 3195
PO Box 1026, Braeside VIC 3195

☎ +61 3 8587 9111
☎ +61 3 8587 9101

✉ conveyorsolutions@kinder.com.au

ABN: 28 006 489 238