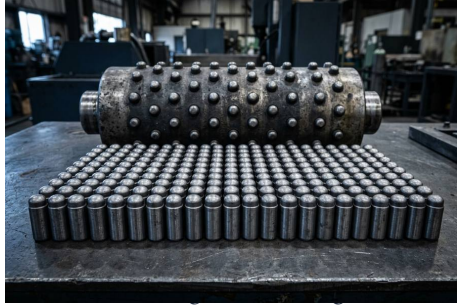




HPGR Carbide Studs

HPGR and crusher wear protection

Studs for HPGR and demanding mining applications. Supplied to your roller drawing or matched to the ore abrasiveness and the ore grades for abrasive quartzite feeds to HPGRs where impact and edge loading dominate.

• Made to drawing: حالة المخزون: مدة التوريد: 4 - 8 weeks depending on pattern and quantity

المزايا الرئيسية

- Grade selected against ore abrasiveness, moisture and impact level
- Supplied to your roller drawing and stud pattern
- Consistent press-fit tolerance for reliable interference in the roller bore
- Batch certification with hardness and density records

الأنواع والتكوينات

النوع	الموصفة
HPGR roller studs	Cylindrical studs with domed or flat head, Ø 12 - 30 mm, length to roller drawing, press-fit
Edge and flange studs	Harder-binder grades for the high-wear roller edge zone and cheek plate protection
Crusher and roll press studs	Roller press and briquetting roll protection, pattern to the OEM layout
Chute and pipe protection buttons	Carbide buttons and tiles for transfer chutes, cyclone and slurry pipe elbows
Ground engaging inserts	Carbide inserts for drill bits, rippers and ground engaging tools

المواصفات

الخاصية	القيمة
Grades	WC-Co with 6% to 15% cobalt binder, fine to medium grain, selected by ore abrasiveness and impact level
Hardness	1150 - 1550 HV30 (approx. 86 - 91 HRA) depending on grade
Transverse rupture strength	2200 - 3400 N/mm ² depending on binder content
Density	13.9 - 14.9 g/cm ³
Dimensional control	Ground to the stud drawing, press-fit tolerance held for reliable interference in the roller bore

المواصفات القياسية

ISO 513 grade classification, ISO 3878 hardness (HV), ISO 3327 transverse rupture strength, EN 10204 3.1 documentation

القطاعات التي نخدمها

Mining, Mineral Processing, Cement, Aggregates, Drilling

التطبيقات النموذجية

- HPGR roller re-studding and new roller builds
 - Cement clinker and slag grinding rolls
- Iron ore, copper and gold comminution circuits
- Transfer chute and slurry pipe wear protection
 - Roller press and briquetting rolls
- Drill bits and ground engaging tools