



TC Knives

ATLAS also manufactures Tungsten Carbide knives for paper industry including top & bottom slit knives, sheeter knives, Trimmers & Guillotine knives. These knives are highly wear resistant & have longer life compared to other steel grade knives. TC grade offers high precision paper cutting, high productivity & minimum material loss during regrinding, hence increasing the life time of knives from 15-20 times, compared to standard steel grades.



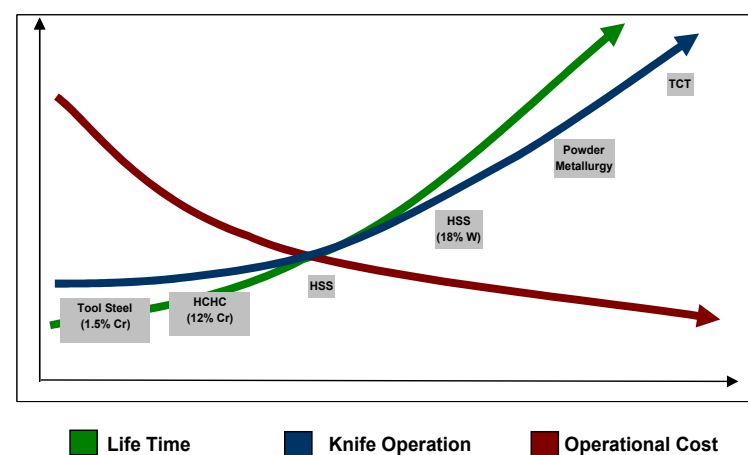
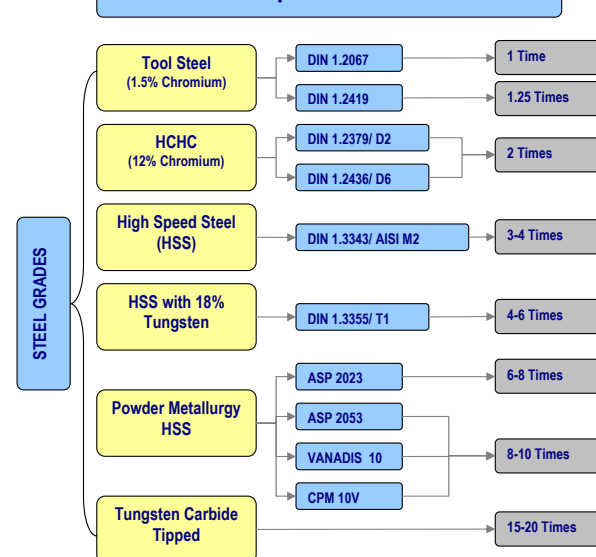
MARTENSITE



AUSTENITE

We also offer Cryogenic treated knives as an option to the client, which is a method of ultra low temperature processing of material to enhance their metallurgical properties. Cryogenic treatment increases the performance of the tools by converting soft retained Austenite into stable abrasion resistant Martensite.

Life time comparison of Steel Grades



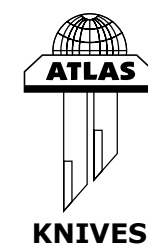
D.B. Engineering Pvt. Ltd. is in its golden decade having completed 60 years in Knife manufacturing. Starting in the year 1951 it has made huge strides in the field and has customers in about 60 countries today. Our manufacturing spreads over an area of 300,000 square feet. Our biggest strength today is our dedicated and sincere work force of over 600 people manning our six manufacturing facilities. To help us reach the pinnacle of success in Knife manufacturing are the latest and state of art equipment. D.B. Engineering Pvt. Ltd. is a true amalgamation of people from the field of Metallurgy, Engineering and Management.

PRODUCT PORTFOLIO

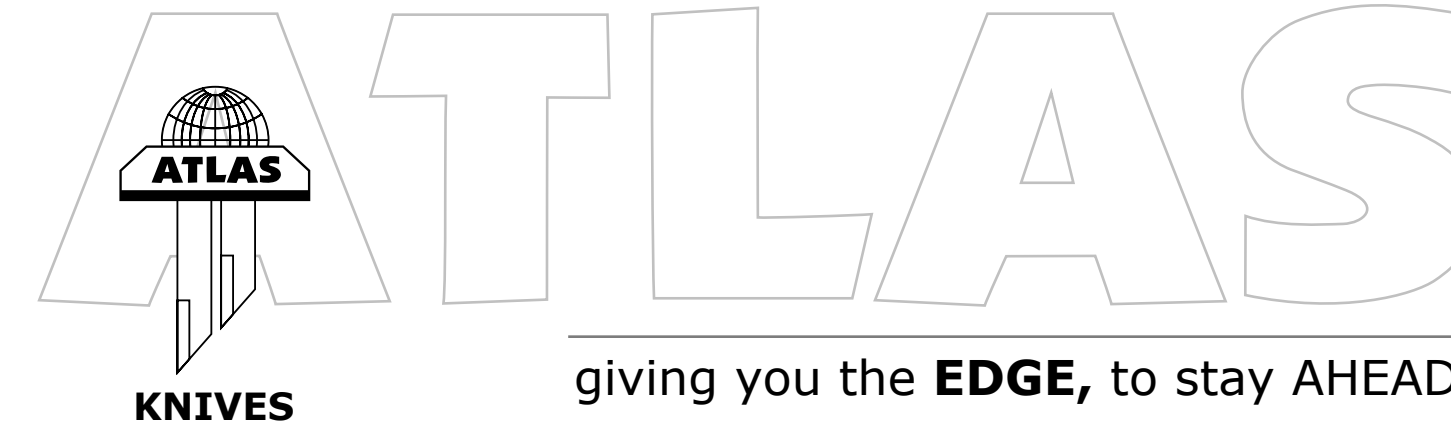
Machine Knives & Blades for

- Pulp & Paper Industry
- Printing & Graphic Industry
- Packaging Industry
- Tube Industry
- Metal Engineering & Fabricating Industry
- Cold Rolling & Steel Processing
- Wood Industry
- Plastic, Rubber & Recycling Industry

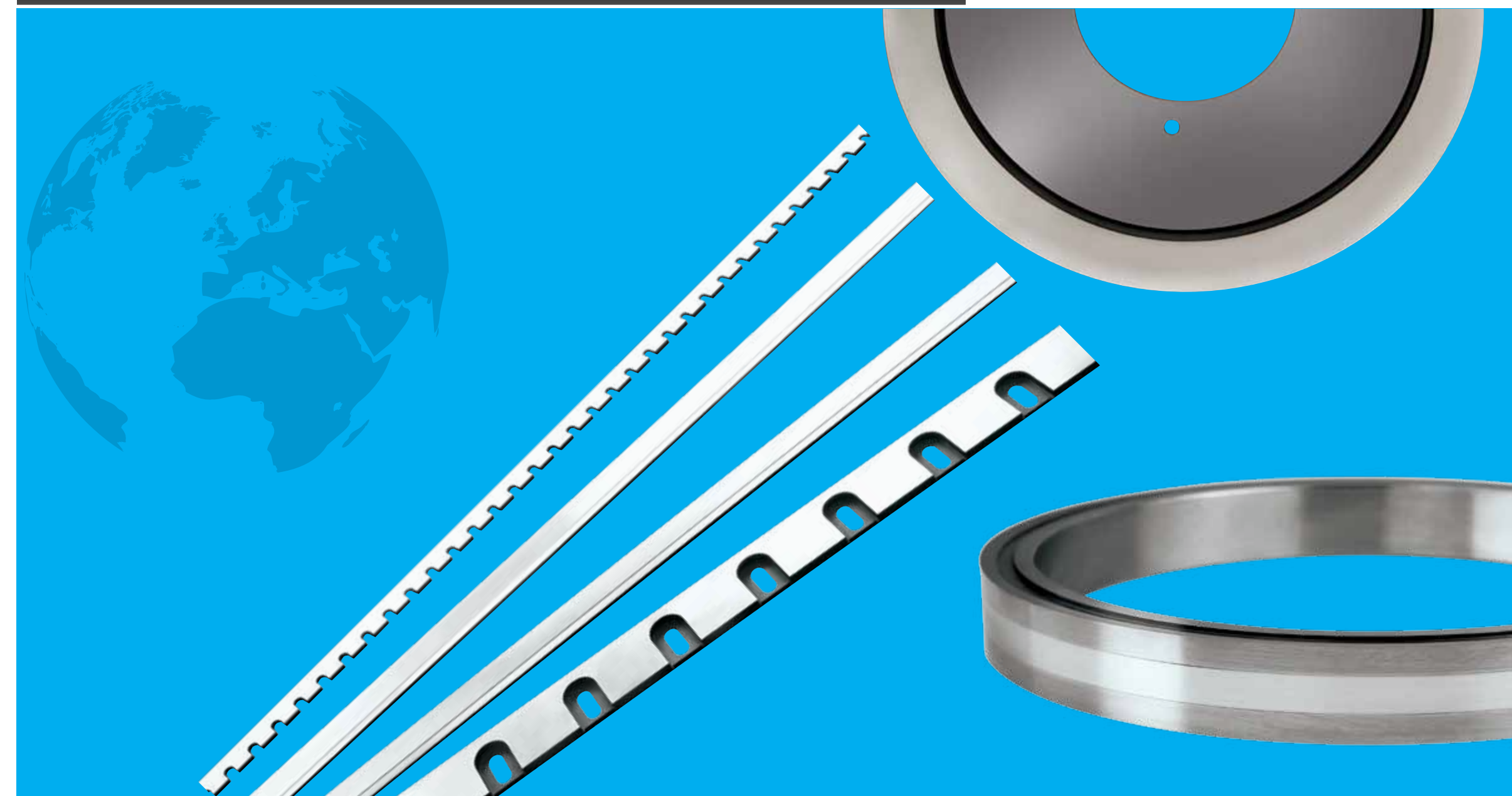
Knife Grinding Machines



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PULP & PAPER



ATLAS has pioneered the manufacturing of high quality industrial knives for almost last 60 years. Our manufacturing experience & specialization enable us to offer the widest range of knives to the pulp & paper industry. The sophisticated quality control system followed during the entire in-house production process including Heat Treatment, assures accuracy & long life of our Knives. Each production step is fully documented, while the final quality acceptance tests are performed at the end of each production process. ATLAS manufactures the entire range of Knives for Paper mills, starting from the Pulping to the Paper converting stage.

Knives for PULP MILL

ATLAS manufactures wide variety of knives for the pulp mill. Our knives are manufactured from premium grade alloy steels, machined and ground to precise tolerances and heat treated to exacting specifications. The chipper knives are available in different qualities, either zone or through hardened, for all types and condition of wood.



CHIPPER KNIVES | COUNTER KNIVES



PULP

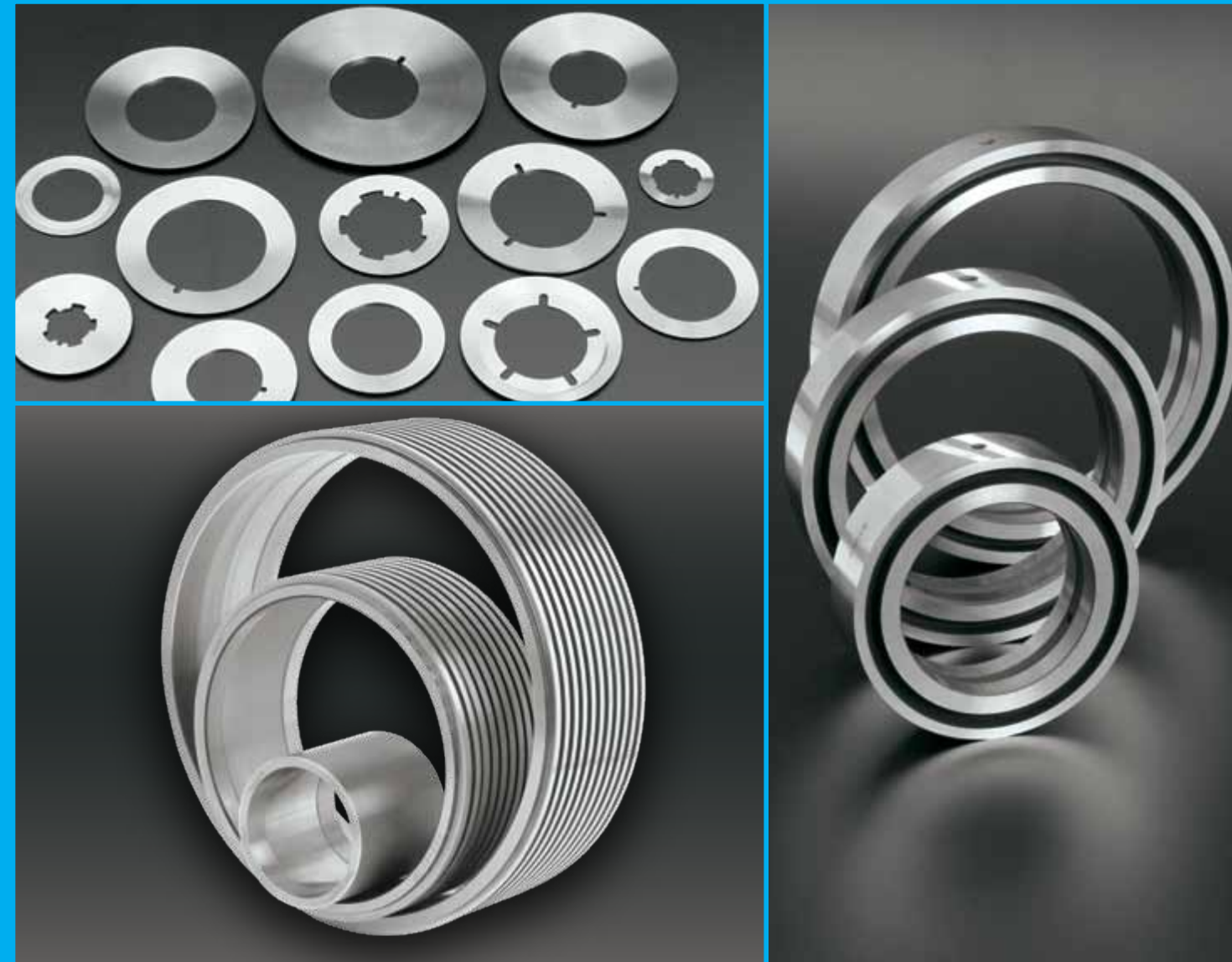
Knives for PAPER MILL

ATLAS manufactures top & bottom slitter knives with the stringent process controls. All Circular knives are made from high quality steels to give optimum performance. Optimum design facilitates less web deflection and reduces dust. We manufacture wide range of top slitter knives in different steel grades, shapes & sizes for all type of slitting operations. The knives are highly polished & super honed to ensure precision cutting & dust free slitting.

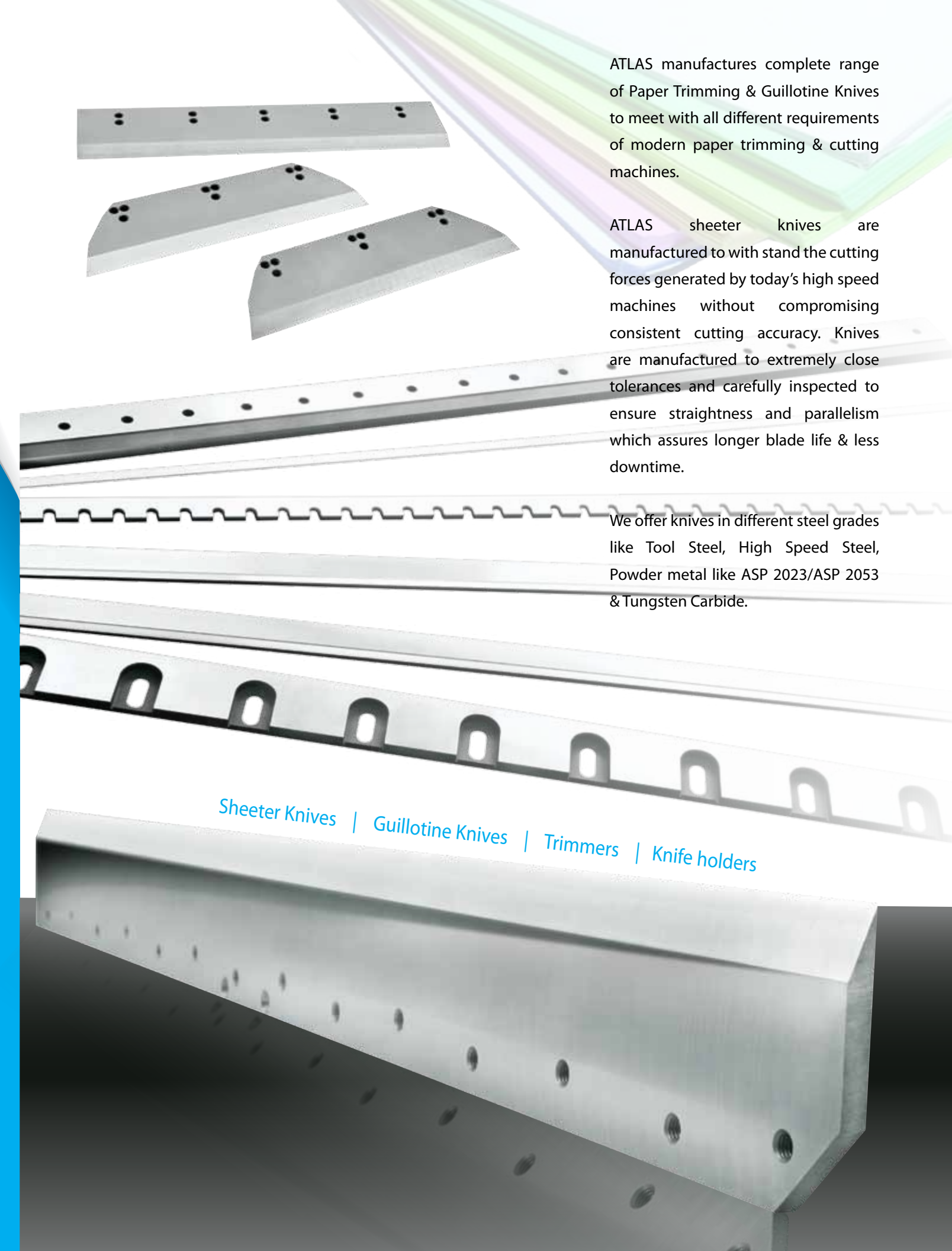
Some of the bottoms slitters that we regularly manufacture include: Multi-groove bottom slitter, split bottom slitters, single and double edged, square edge cutters and solid or carbide tipped bottom knives.

Standard and custom knives are available for Beck, Bielomatik, Clark Aiken, Datm, Didde, ECH Will, Harris, Hamblett, Jagenberg, Langston, Lenox, Maxson, Miltex, Masson Scott, Pasaban and many others. Most are in stock and ready for immediate shipment.

Top slitter Knives | Bottom slitter Knives | Multi Knife blocks



PAPER



Sheeter Knives | Guillotine Knives | Trimmers | Knife holders

ATLAS manufactures complete range of Paper Trimming & Guillotine Knives to meet with all different requirements of modern paper trimming & cutting machines.

ATLAS sheeter knives are manufactured to with stand the cutting forces generated by today's high speed machines without compromising consistent cutting accuracy. Knives are manufactured to extremely close tolerances and carefully inspected to ensure straightness and parallelism which assures longer blade life & less downtime.

We offer knives in different steel grades like Tool Steel, High Speed Steel, Powder metal like ASP 2023/ASP 2053 & Tungsten Carbide.