



## How *ais* Shear Pins rewrite the metal strike operating procedure for material processing

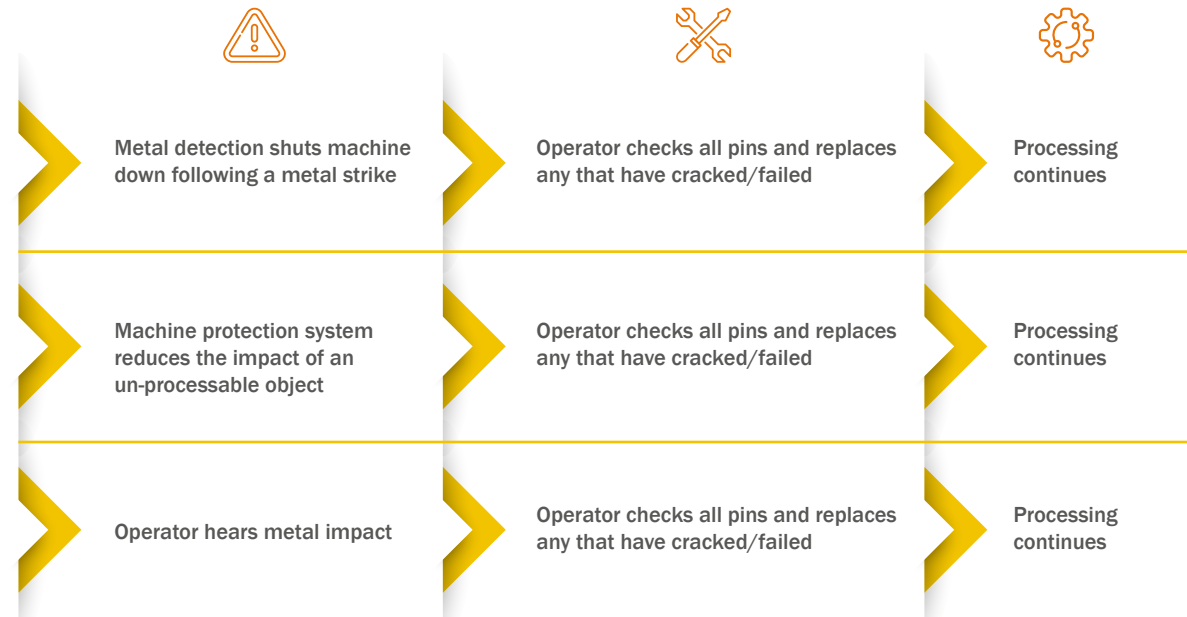
Material processing carries the risk of hitting contaminated feedstock. This can ultimately cause significant damage to the machine and lead to substantial costs stemming from emergency repairs, unscheduled downtime, delays to projects and more.

To mitigate the ever-present risk, many manufacturers provide a protection system, such as metal detection. While these systems are incredibly helpful, they are not 100% effective. Metal strikes and other un-processable objects are still leading to cracked/failed shear pins and further damage.

These examples illustrate the realities of processing contaminated feedstock, and the difference *ais* can make.



### Example textbook scenarios without *ais* system

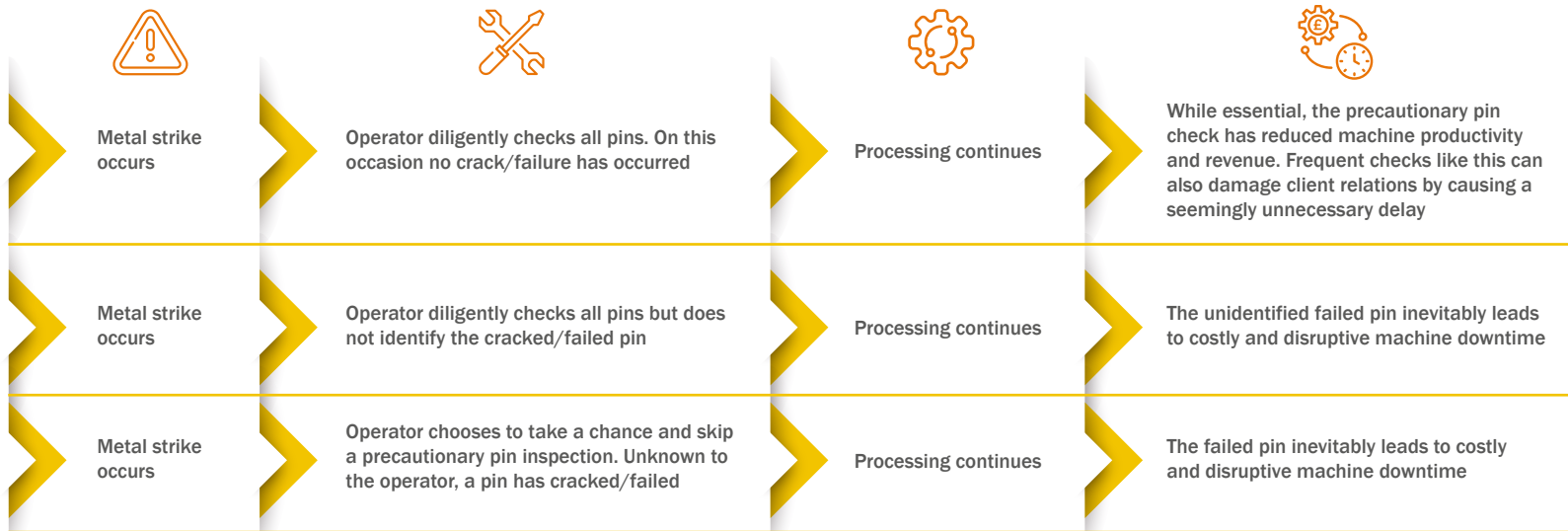


**The *ais* Shear Pin provides remote alerts as soon as the Shear Pin cracks or fails.**

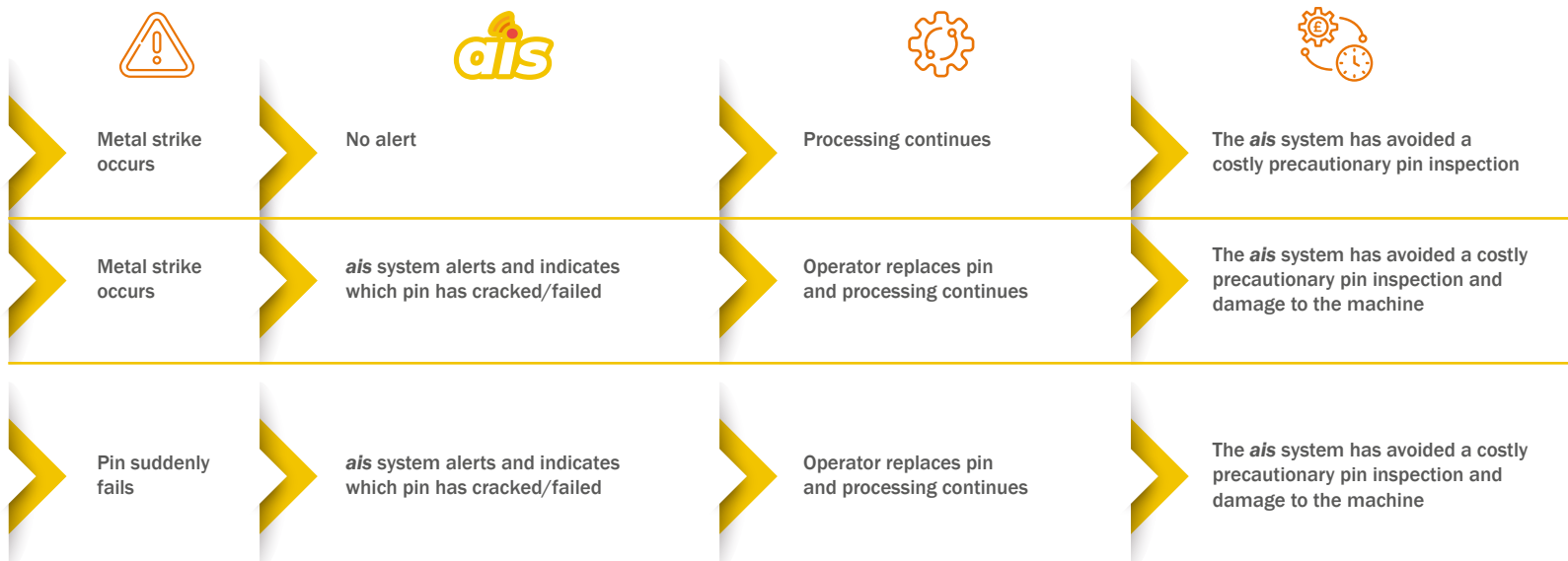
Patent no: GB2596212



## // Actual scenarios without ais system



## // Metal strike scenarios with ais system



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*ais* acts as a final line of defence in the event of a metal strike or un-processable object, providing maximum protection for the machine.

*ais* also reduces operator risk exposure and fatigue.

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