Jaw Plates- Classification on the Basis of Shape and Surface

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Jaw plates form an important part of the jaw crusher. Crushing takes place in between these two plates for consistent performance. To ensure you have the right plate for performing the job rightly, you need to know about the classification of jaw plates on the basis of shape and surface and the pros and cons related to them. This will help to determine the right selection.

Classification

On the basis of shapes, the straight plates have many advantages but due to their closed side setting they do not last long. Though they can wear out in a short time, they have the most defined features like great reduction ratios, maximum feed opening and effective nip angle. The half-belly one is another type and they look straight with curved endings. Though they have a better lasting quality, they come with poor reduction ratios. Compared to the straight ones, they have smaller type feed opening.

You must have heard of the fully-belly Jaw Plates. These ones function exactly the way they sound. Owning to its best quality wear distribution, they tend to last longer than any other type of jaw plates. They have decent looks and come with smaller CSS settings. The best part is that they can sustain more wears than is expected.

On the basis of surface, jaw plates are classified into flat surface and corrugated plates. The flat surface exerts flat and even pressure on the material that is being crushed. Nevertheless, a flat liner cannot grip a rock strongly and this is where a corrugated plate is counted the best.

The corrugated surface has ridges on its end, which produce a better and more concentrated force that enable in breaking of rocks without any effort. Know this that there is a thin line difference between jaw plates and Shredder Spares though many tend to mix the functions of both.

Hence, now that you know the classification of the plates you can make use of the different types as per the industrial requirement.

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For more information on a Jaw Plates, check out the info available online; these will help you learn to find the a Shredder Spares!

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