

## RAIL AND SECTION ROLLING MILL ROLLS / RINGS



Steel rolls that are made of above the Eutectoid steels are used in general in the medium and heavy section together with rail rolling mills with wide and deep calibers. These materials are the above the Eutectoid steels with low alloy that contains carbon between 1,5 - 2,2 % in its alloy and these steels are included within the steel class with high carbon due to this reason. Our rolls in this class that are known with their general names as the "Adamite Rolls" or the "Steel Rolls" may also be used in the Roughing Stands of Bar and Wire Rod mills.

| PRODUCT CODE         | MATERIAL TYPE | MICROSTRUCTURE        | PLACE OF USE   |
|----------------------|---------------|-----------------------|--|
| <b>ARMITE Optima</b> | Adamite       | Pearlitic             | Heavy and Medium Section Mill Roughing Stands , Intermediate Stands, Edger and Universal Finishing Stands, Rod and Coil Roughing Stands and Roughing Groups  |
| <b>ARMITE GT</b>     | Adamite       | Pearlitic / Graphitic | Heavy and Medium Section Mill Finishing Groups and Finishing Stands  |
| <b>ARMITE Maxima</b> | Adamite       | Pearlitic             | Heavy and Medium Section Mills Intermediate group and Finishing Group Stands, Universal Finishing Rings, All Rolling Mill Stands where high toughness, high wear resistance and high thermal crack resistanc is required |
| <b>ARMITE GQ</b>     | Adamite       | Pearlitic             | All section mill stands which requires extra wearing resistance and extra pass life.   |