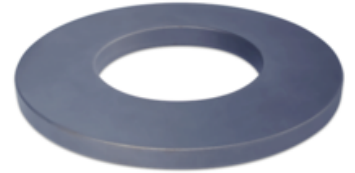


### Phosphating

This is the standard surface treatment usually applied to carbon steel disc springs, this finish is usually sufficient to prevent corrosion in unexposed applications and during transportation and storage. However in applications where the disc springs will be subjected to the elements a higher level of protection would be required.



### Mechanical Zinc Plating

A mechanical plating process that allows a substantial thickness of zinc to be applied to the surface of the disc spring without the risk of hydrogen embrittlement associated with normal electroplating. A passivation would then be applied to seal the plating.



### Geomet Coating

This is an inorganic silver-grey metallic coating of zinc and aluminium flakes in a chromatic compound. The parts are treated in a barrel or on racks and the coating then baked on at over 280, Dacromet-treated springs exhibit excellent resistance in a salt spray test. With the usual processing technology there is absolutely no possibility of hydrogen embrittlement.

