

NORD-LOCK® BLACK WASHERS



Applications	General steel applications, especially designed for components during critical missions in air, at sea or in tough terrain.
Material standard	EN 1.7182
Sizes range in stock	M6-M24
Corrosion resistance	Minimum 1,000 hours in salt spray test (according to ISO 9227)
Hardening	Through hardened
Washer hardness	≥ 465HV1
Coating	Basecoat Delta Protekt® KL100, Topcoat Delta Seal GZ Black
Bolt grades	Up to 12.9
Temperature range	-50°C to 200°C
Laser marking type code	Traceable batch number and type code fZn

THE 4 BENEFITS

1. UNPARALLELED PERFORMANCE

If forces from vibrations or loads put bolted connections under pressure, Nord-Lock black washers will prevent any rotation by increasing the preload as soon as any rotation starts. This ensures that bolts cannot loosen unintentionally, regardless of the intensity of vibrations or dynamic loads.

2. OUTSTANDING CORROSION PROTECTION

The base coating beneath the black color provides the high-performing corrosion protection that characterizes Nord-Lock wedge-locking washers. To ensure all washers meet satisfactory levels of corrosion resistance, we continuously perform testing in the Neutral Spray Test.

3. STREAMLINED OPERATIONS AS ONE STEP GETS CUT

Nord-Lock black washers can help you lower operation costs and save time since the painting job is already done. This could otherwise mean strenuous work, which is not something anyone preparing for critical, potentially dangerous missions would want to deal with.

4. GLOBAL AVAILABILITY

Wherever the location, Nord-Lock black washers are always close at hand. Nord-Lock has a far-reaching, cross-continent presence, ensuring that customers can expect swift support and delivery. This can be a critical factor when there is much on the line.

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