

5.56x45 NATO & 223 REM

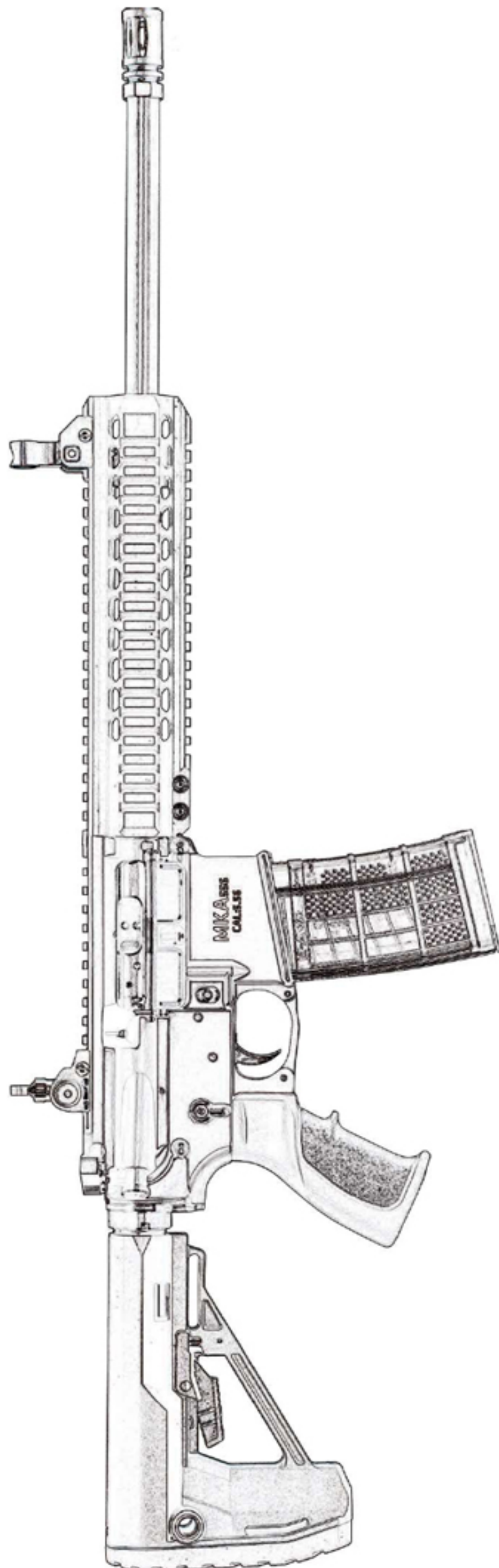




MKA⁵⁵⁶
5.56x45 NATO
& .223 REM



NICKEL BORON COATING



BEMATEK's Nickel Boron coating, known as Bor-B, is specifically developed for the firearms and defense industry. Our Nickel Boron has high hardness vickers 950-1050 HV and wear resistance, thus coated parts exhibit more service life and require less maintenance. The coating greatly improves heat dissipation so treated products run cooler than non-treated and conventional coated parts.

Bor-B offers the protective properties of hard chrome, but is non-toxic and eco-friendly than hard chrome. It is also possible to increase the hardness and adhesion strength of the Electroless Boron coating through heat treatment. Due to its hardness, Bor-B can provide better wear resistance than chromium. It also provides greater corrosion protection than chrome, thus extending the life of the finished product.

Unlike conventional electrolytic plating, which requires electric current to be introduced into the plating bath, the electroless process relies on an autocatalytic reaction to coat the workpiece. Electroless nickel-phosphorus (Ni-P) plating, which is a common finishing technique for many types of metals and alloys. Electroless Boron coating provides greater wear resistance than Ni-P.

The electroless coating process also offers several advantages over electrolytic coating. Due to the homogeneity of the coating, it is also easier to obtain the desired coating thickness at every point. Thus, electroless coating is more suitable for parts with complex shapes or many recessed areas on the surface.

Thanks to the special surface topography on the Bor-B surface, it provides long-term effective lubrication.

Featured features

- Excellent corrosion and wear resistance
- Provides protection against extreme heat
- High hardness and ductility
- No risk of hydrogen embrittlement
- An environmentally friendly alternative to hard chrome plating

TECHNICAL SPECIFICATIONS



PART	PROPERTIES
Brand	MKA
Model	556
Caliber	5.56 x 45 mm (.223 Rem)
Total Length Stock Retracted	870mm for 18" Barrel
Total Length (Stock Extended)	960 mm for 18" Barrel
Height	230 mm
Weight (Without Magazine)	3250 gr for 18" Barrel
Barrel Length	7,5" beetwen 22"
Barrel Groove Set Number	6 pcs right-loop groove-set
Barrel Life (Not Forged Barrel)	10.000 rounds minimum
Muzzle Break	A2 Type or A2 interface with 3 prongs
Working Principal	Direct Impingement
Type of Fire	Safety, Semi Automatic, or (+Full Automatic)
Sight Range	300 mm
Magazine Type	STANAG box type composite or aluminum
Magazine Capacity	10 Rd - 30 Rd
Trigger Pull Force	25 – 45 N
Rate of Fire	750 -950 rpm
Muzzle Velocity	880 m/s
Effective Range	500 m
Covering	Anodized
Production Standart	C.I.P. / SAAMI
Warranty	2 Year

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MRF5601



MRF5602



MRF5603



MKA556 5.56x45 NATO & .223 REM

MRF5604



MRF5605



MRF5606



MKA⁵⁵⁶ 5.56x45 NATO & .223 REM

MRF5607



MRF5608



MRF5609





