# Technical sheet



**Pliers, combination, with cutter - 170 mm DIN5244 EA1700 B BeCu - DIN5244 / ISO5**

Marque: AMPCO

Ref Product: wire:EA1700B

Ref Mcmining: PREA1700B-AM

**Description**

Ampco non-sparking products are intended for use in areas where a high risk of fire or explosion exists,as in the presence of flammable gases or liquids.Non-magnetic Ampco tools are recommended in military applications,Â mine clearance operations and in the medical field, for MRI and other scanning equipment or equipment using large magnets. Outstanding corrosion resistance also make Ampco tools the professional's choice in the most demanding and aggressive environments,on land or water.

These are heavy-duty tools designed for the professional mechanic engaged in electrical, communications and construction work.

BASIC SAFETY RULES WHICHAPPLY TO THE USE OF PLIERS
1. Pliers should not be used for cutting hardened wire unless specifically manufactured for this service.
2. Never expose pliers to excessive heat.This may draw the temper and ruin the tool.
3. Always cut at right angles. Never rock from side to side or bend the wire back and forth against the cutting blades.
4. Don\'t bend stiff wire with light pliers.Needle nose pliers can be damaged by using the tips to bend too large a wire. Use a sturdier tool.
5. Never use pliers as a hammer nor hammer on the handles. They may crack or break, or blades may be nicked by such abuse.
6. Never extend the length of handles to secure greater leverage. Use a larger pair of pliers or a bolt cutter.
7. Pliers should not be used on nuts or bolts. A wrench will do the job better and with less risk of damage to the fastener.
8. Oil pliers occasionally. A drop of oil at the hinge will lengthen tool life and assure easy operation.
9. Safety glasses should be worn when cutting wire, etc. to protect eyes from being struck by the end of the object being cut.
10.WARNING: Ordinary plastic dipped handles are designed for comfort_not electrical insulation. Tools having high dielectric insulation are available and are so identified. Do not confuse the two.

**Certifications**

- **ISO9001**

AMPCO SAFETY TOOLS Beryllium Copper (BeCu) alloy helps fulfill the recommendation in :

- **European ATEX** directive for working in Zones 0 and/or 20 of all explosion groups, and M1 , M2 for Mining.

- **BAM (FEDERAL INSTITUTE FOR MATERIALS RESEARCH AND TESTING Berlin Germany) Standard operating procedure "QMH-NEG-005"** "StAA zur Schlagfunkenprüfung von Werkstoffpaarungen" dated 2012-03-01 : the non-sparking tools made of these materials are appropriate for use in potentially explosive atmospheres of zone 0, 1, 2 and 20, 21, 22 according to directive **1999/92/EC** of all explosion groups according to **IEC 60079-20-1:2010.**
- **EN 1127-1 and EN 13463-1**

**Specification**

| REF | p mm | l mm | g | | |
|---|---|---|---|---|---|
| EA1700B | 13 | 170 | 285 | | |