

CRYOBOOST 11 PC HEX SHANK DRILL BIT SET IN POUCH

Cryogenically treated, New patented Cryoboost stepped tip design with 1/4" Hex Shank cuts faster, lasts longer and starts holes easier than any other drill bit in the market. Cryoboost excels at sheet metal and hardened alloys such as broken fasteners.

FEATURES & BENEFITS

- Convenient carrying pouch provides high security and mobility for easy transport and storage.
- Quick Change Driver – 1/4" hex shank provides for quick change in today's quick change driver power tools.
- Long lasting- Stays sharp up to 4X longer compared to conventional and other specialty tip designs, allowing more holes per bit.
- Easy starting- the multi-stepped tip acts like a step drill, allowing for laser like holes through sheet metal and prevents walking on curved surfaces.
- Reduces number of tools required – By eliminating the need to drill pilot holes projects can be completed faster using fewer tools.
- Cryophase treatment- The treatment enhances tool flexibility, provides longer tool life, and higher heat resistance.



SPECIFICATIONS

Tip Design.....Split Point
 Hardness.....63-66 Rc
 Temp. Resistance.....1,112F
 Material.....High Speed Steel
 Coating.....CryoNitride
 Coating Hardness.....63-66 Rc

Code #	Description
DY83610011	11 Pc Set
DY83611264	3/16
DY83611364	13/64
DY83611464	7/32
DY83611564	15/64
DY83611664	1/4
DY83611764	17/64
DY83611864	9/32
DY83611964	19/64
DY83612064	5/16
DY83612164	21/64

Code #	Description
DY83612264	11/32
DY83612364	23/64
DY83612464	3/8
DY83612564	25/64
DY83612664	13/32
DY83612764	27/64
DY83612864	7/16
DY83612964	29/64
DY83613064	15/64
DY83613164	31/64
DY83613264	1/2

APPLICATIONS

- Steel
- Stainless Steel
- Aluminum
- Sheet Metal
- Copper
- Wood & Laminates
- Fiberglass

ASSOCIATED ITEMS



DY89527046
**1/4" Hex
 Shank Quick
 Change
 Adapter**



DY60025035
**EZ Cut
 Aerosol**



DY70010055
**EZ Cut
 2 X 2-1/2
 Gallon
 Containers**



DY83600029
**29PC
 Cryoblast
 Set**

INDUSTRIES

- Automotive
- Fabrication & Assembly Operations
- Construction
- Power Utilities
- Industrial Plant Maintenance

DEMONSTRATION STEPS

1. Firmly secure the steel plate in a heavy-duty vise with the top sticking up past the top of the vise jaws by about 3-1/2" - 4".
2. Point out the convenient carrying pouch that provides high security and mobility for easy transport and storage.
3. Install DY89527046 1/4" Hex Shank Quick Change Adapter on hand drill or Cordless Quick Change Drill Driver.
4. Insert the 3/16" Hex Shank Cryoblast in a 1/4" Hex Shank Quick Change Adapter or Quick Change Drill Driver.
5. Position the tip of the Cryoblast in the middle of the exposed steel plate, you will not need a center punch for this, the stepped-tip design is a self-centering drill bit (point this out to the customer).
6. SLOWLY start the drill motor and apply firm and steady pressure (feed).
7. Once the divot has formed in the steel plate, increase the drill speed to about 400-600rpm and maintain a relatively heavy pressure, you should get rapid chip removal along with a good string of metal coming from the hole your drilling. The rapid chip removal doesn't allow it to load up thus keeping the drill cool.
8. Once the drill bit is half-way through the steel plate pull it back and check the coolness and know it's safe to touch then ask the customer to touch the drill bit, this will be a WOW factor to our customer.
9. Continue drilling until the steel plate has been completely penetrated.
10. NEXT remove the steel plate from the vise and switch with schedule 40 pipe nipple.
11. Using the same drill bit drill a hole through the pipe to show how easily the drill bit starts on round surfaces.
12. Drill through both sides of pipe nipple to show how quickly and aggressively the Cryoblast drills through both sides.
13. End with making sure customer sees you putting drill bit back in carrying pouch set and show how the pouch secures the bits for safe travel and the bit sizes are marked on the inside of the flap for easy bit size identification.

SUPPLIES NEEDED

- Hand Drill either battery operated (fresh battery) or corded.
- 3/16" Cryoblast Hex Shank Drill Bit
- 1" x 4" SCH40 Pipe Nipple
- 1/8" Thick Steel Plate
- Industrial Grade Vise
- Safety Glasses
- 1/4" Hex Shank Adapter