



# COBALT PARABOLIC DRILLS

## PFX

### Material

Cobalt High Speed Steel (HSS-E) combines the properties of retained hot hardness and toughness, ideal for working in a wide range of materials.

### Surface Treatment

Available in bright or AlCrN-Top coating to increase lubricity and wear resistance and improve the life of the drill.

### Flute Geometry

The parabolic flute design offers greater flute volume and assists in breaking the chips into small, compact pieces and facilitating its transportation along the flutes and away from the cutting area, allowing greater hole depths to be achieved without the need for pecking.

### Shank

Straight shank

### Point Geometry

The unique notched point geometries of the PFX range reduce the torque required while ensuring drilling accuracy is maintained throughout the depth of the hole.

### Web Design

The thinned web point design on the stub, jobber and long series PFX drills reduces the thrust required to penetrate the workpiece. Extra length PFX drills have a parallel web which affords generous flute space but with no compromise on strength.

### Range

Available in Stub (3xD), Jobber (8xD), Taper (10xD) and Extra Length (15xD, 20xD and 25xD)

### Want to learn more?

Ask for our technical handbook or sign up for eLearning online.

**Your one-stop manufacturer** - Ask about our Multi-material MPX drill

## Your Benefits

The geometries of the PFX range allow high productivity deep hole drilling to be achieved in a wide range of materials. For all drilling depths up to 10xD, the corresponding drills have a convex cutting edge with special thinning to ensure that the material is chipped efficiently, reducing cutting forces on the drill. The web design allows for increased penetration.

Where hole depths of up to 25xD are required, PFX extra length drills should be used. Their parallel web affords generous flute space combined with adequate strength while the point geometry ensures drilling accuracy is maintained throughout the depth of the hole.

