
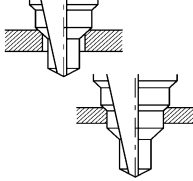
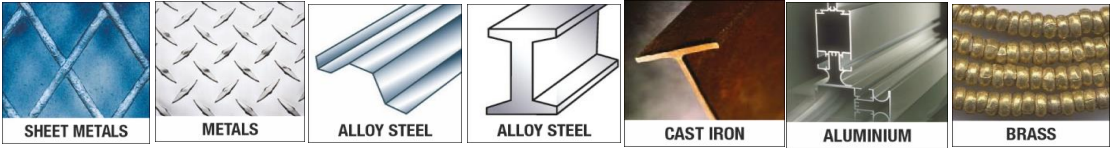


ECEF TECHNICAL SPECIFICATIONS

METAL TOOLS

FAMILY CLASSIFICATION	03590
DESCRIPTION	HSS-GROUND STEP DRILLS WITH SPECIAL TIP AND SPIRAL FLUTE TO DRILL AND ENLARGE METAL SHEETS AND TUBES - CYLINDRIC SHANK
PRODUCT IMAGE	
KIND OF STEEL	HSS M2 (6542)
COMPOSITION %	C 0,84-0,88 - Si 0,30-0,43 - Mn 0,25-0,35 - P \leq 0.028 - S \leq 0,009 Cr 3,90-4,00 - Mo 4,55-4,80 - W 5,55-5,80 - V 1,80-1,90 - Nb 0,04-0,06 C=Carbon - Si=Silicon - Mn=Manganese - P=Phosphorus - S=Sulfur - Cr=Chrome - Mo=Molybdenum W=Tungsten - V=Vanadium - Nb=Niobium
HARDENING TEMP.	1100°
HARDNESS	64-65 HRC
SHANK	CYLINDRICAL
SHARPENING	SELF-CENTERING 
MANUFACTURING PROCESS	FULLY GROUND FROM THE SOLID, with CAO System, that grants quality control and product homogeneity over time.
SURFACE TREATMENT	Natural steel - Ground from the solid - smooth - bright finish
WORK PIECE MATERIALS	METALS - LIGHT STEEL . STEEL - ALLOY STEEL - CAST IRON - ALUMINIUM - BRASS - etc. METALS WITH RESISTANCE $R \leq 800 \text{ N/mm}^2$ 
REFERENCE TOOL	Power drilling machines after disabling the percussion function; low speed and high pressure. Ideal use with a drill press
RECOMMENDATIONS	USE REFRIGERANT OIL during the cutting, if required
PACKAGE	IN PLASTIC TUBE with HANGER 1 pc.

FAMILY CLASSIFICATION

03590

SHAPES

