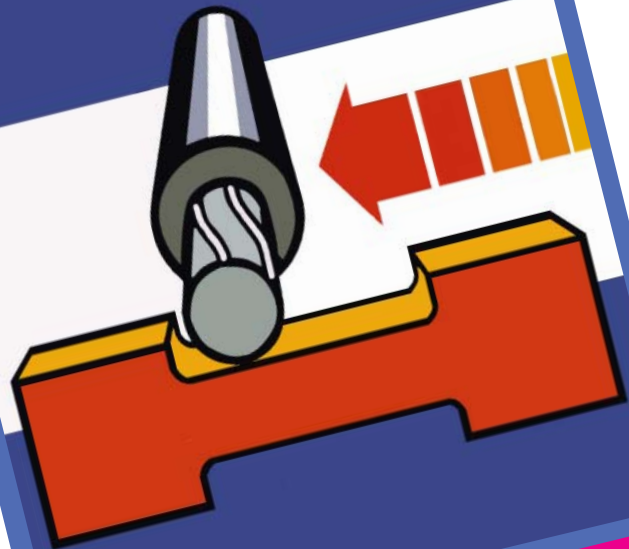




HOLLOW DIE PUNCH



**DESIGN AND PRODUCTION OF
INSTRUMENTS AND APPARATUS
FOR QUALITY CONTROL
ON MATERIALS**



**These instruments are made in
compliance with CE health and
safety requirements**



Hollow Die Punch

Manual Model code 6051.000 - Pneumatic Model code 6054.000



Fig. 1 - Manual Hollow Die Punch

These apparatus are designed and built to obtain specimens by punching, using hollow dies of different sizes and contours. They punch specimens suitable for testing on: rubber, elastomers, plastics, leather, cloth and plasticized cloth, paper, cellular materials, films, etc.
The Pneumatic Hollow Die Punch is supplied with a safety protection screen according to the safety requirements.

Standards

The Hollow Die Punch obtains specimens according to the following standards: ISO, ASTM, DIN, BSI, AFNOR, UNI, UNE, CEE, CEI and others equivalent.

Dies

The dies are supplied two versions:

- code XXXX.000 without ejector
- code XXXX.020 with ejector

In the version without ejector the specimen is removed manually after punching. In the second version, the specimen is automatically ejected after punching. The dies are made of steel, without welding, UNI PV.MVB, annealed machining and hardening carried out in sequence to ensure maximum hardness. The cutting edges are hand finished with sharpening rake. The support and fixing shank are of 25 mm of diameter and 20 mm long, suitable for CEAST punching machines.



Fig. 2 - Pneumatic Hollow Die Punch

Technical Characteristics

	Manual Model 6051.000	Pneumatic Model 6054.000
Punching action	Vertical, double stroke	Vertical, double stroke
Types of dies	With and without ejector	With and without ejector
Die max size [mm]	200 x 50	250 x 50
Specimen support table [mm]	250 x 200	330 x 290
Clearance between table and pressure head [mm]	70	70
Punch stroke [mm]	18	18
Max load on die [kN]	-	40
Stroke and height adjustment [mm]	30	30
Support table	Shock absorbing material	Shock absorbing material
Punch stroke control	Lever arm	Double push button according to safety standards
Input pressure read-out	-	Pressure gauge, read-out
Air pressure control	-	Pressure reducing valve manual adjustment
Overall dimensions (LxDxH) [mm]	340 x 560 x 650	340 x 560 x 540
Weight [kg]	50	110
Air supply pressure [MPa]	-	0.6
Paint	fuchsia RAL 4006 - gray RAL 7035	



Fig. 3 - Hollow Die without ejector



Fig. 4 - Hollow Die with ejector

"Due to the continuous development policy of CEAST's Research and Development Department, changes may be introduced without notice"



www.ceast.com



CEAST S.p.A.

• Via Airauda, 12 • 10044 Pianezza (TO) Italy
• Tel: (+39) 011.966.40.38 (10 lines) • Fax: (+39) 011.966.29.02
E-MAIL: Int. Sales: InfItaly@ceast.com - Int. after sales: aftersalestech@ceast.com

CEAST USA Inc.

• 4816 Sirius Lane, Charlotte, NC 28208
• Tel. 704-423-0042 • Fax 704-423-0081
E-MAIL: USA Sales: salesusa@ceast.com - USA Service: Keith@ceast.com

CEAST GmbH

• Bunsenstr. 5, D-82152 Martinsried
• Tel. ++49 (0) 89/85 90 28 12 - 89 50 18 10 • Fax ++49 (0) 89/89 94 98 51
E-MAIL: Sales and Service: info.germany@ceast.com