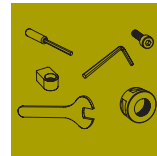
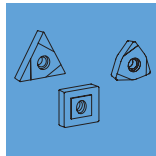


BORING SYSTEMS



3rd edition

April 2005

Member IMC Group
Ingersoll
Cutting Tools

**BORING
SYSTEMS**



TECHNOLOGY FOR HIGH PRECISION

Ingersoll Cutting Tool Company has been a leader in the metal removal industry for over 100 years. We have maintained this leadership role by bringing our engineering and manufacturing expertise together to provide our customers with superior products that, in turn, give them the edge they need to compete in a global economy.

In our continuing effort to offer innovative tooling and systems that offer real value to our customers, we are pleased to announce the addition of D'ANDREA high precision machine tool accessories.

Known throughout the world, D'ANDREA has a full range of modular boring, balanceable holders, milling chucks and special systems for turning, boring, grooving and facing a wide variety of workpieces.

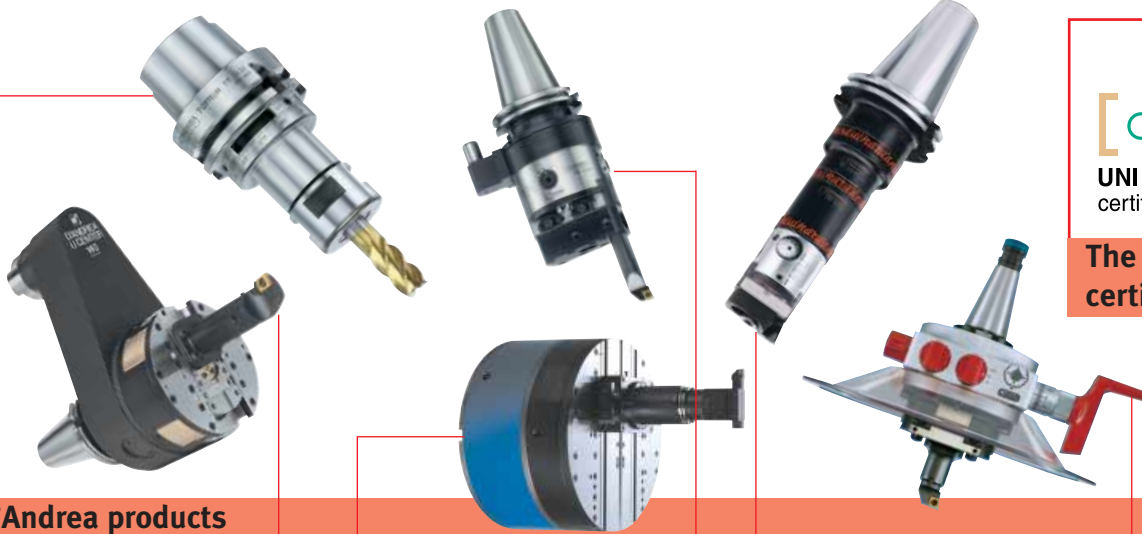
Since 1951, D'ANDREA has consistently lead their field in the development of new and increasingly effective technologies.

Our network of direct Sales Engineers and Technical Distributors are an unparalleled resource of customer support and tooling application.

These highly trained, skilled professionals work on-site in your facility to insure our products are performing to your satisfaction.



Ingersoll Cutting Tools, U.S.A.



SINCERT
[CERTO]
 UNI EN ISO 9001
 certificato n° 166/A
**The ISO 9001
 certification**

D'Andrea products

Balanceable tool holders,
 up to G1 grade.
 Simple, adjustable radial
 mounted weights.
TOPRUN

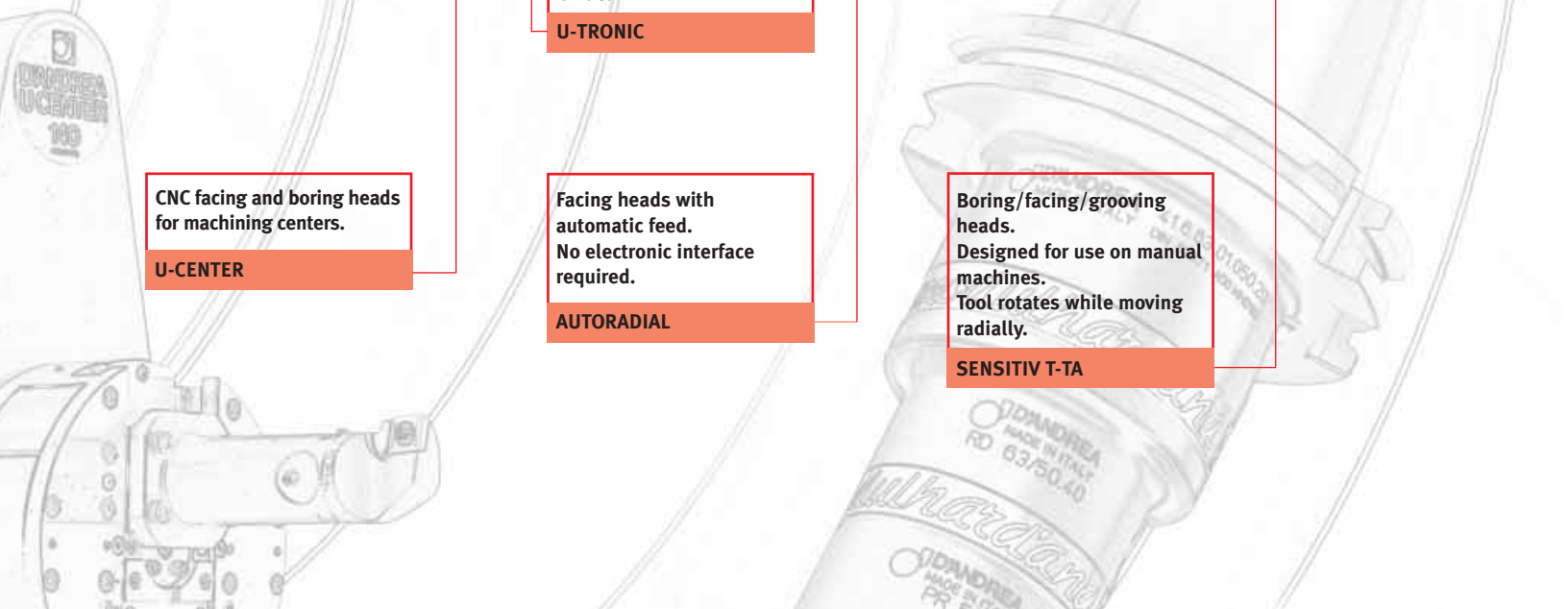
Large CNC facing and boring
 heads for boring machines
 and machining centers.
 Designed as part of a new
 machine, new application.
 Performs turning, boring,
 back turning and more.
 Can be "retrofit" to most
 CNC's.
U-TRONIC

Modular tool holding
 system for boring, drilling,
 tapping, milling.
 Ultra rigid modular
 connection.
MHD'

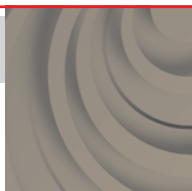
CNC facing and boring heads
 for machining centers.
U-CENTER

Facing heads with
 automatic feed.
 No electronic interface
 required.
AUTORADIAL

Boring/facing/grooving
 heads.
 Designed for use on manual
 machines.
 Tool rotates while moving
 radially.
SENSITIV T-TA



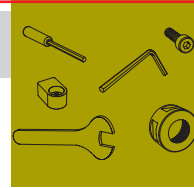
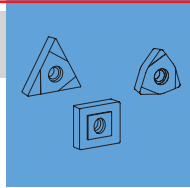
TECHNOLOGY FOR HIGH PRECISION TECHNOLOGY FOR HIGH PRECISION TECHNOLOGY FOR HIGH PRECISION TECHNOLOGY FOR HIGH PRECISION TECHNOLOGY





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D'ANDREA s.p.a.

Via Garbagnate 71

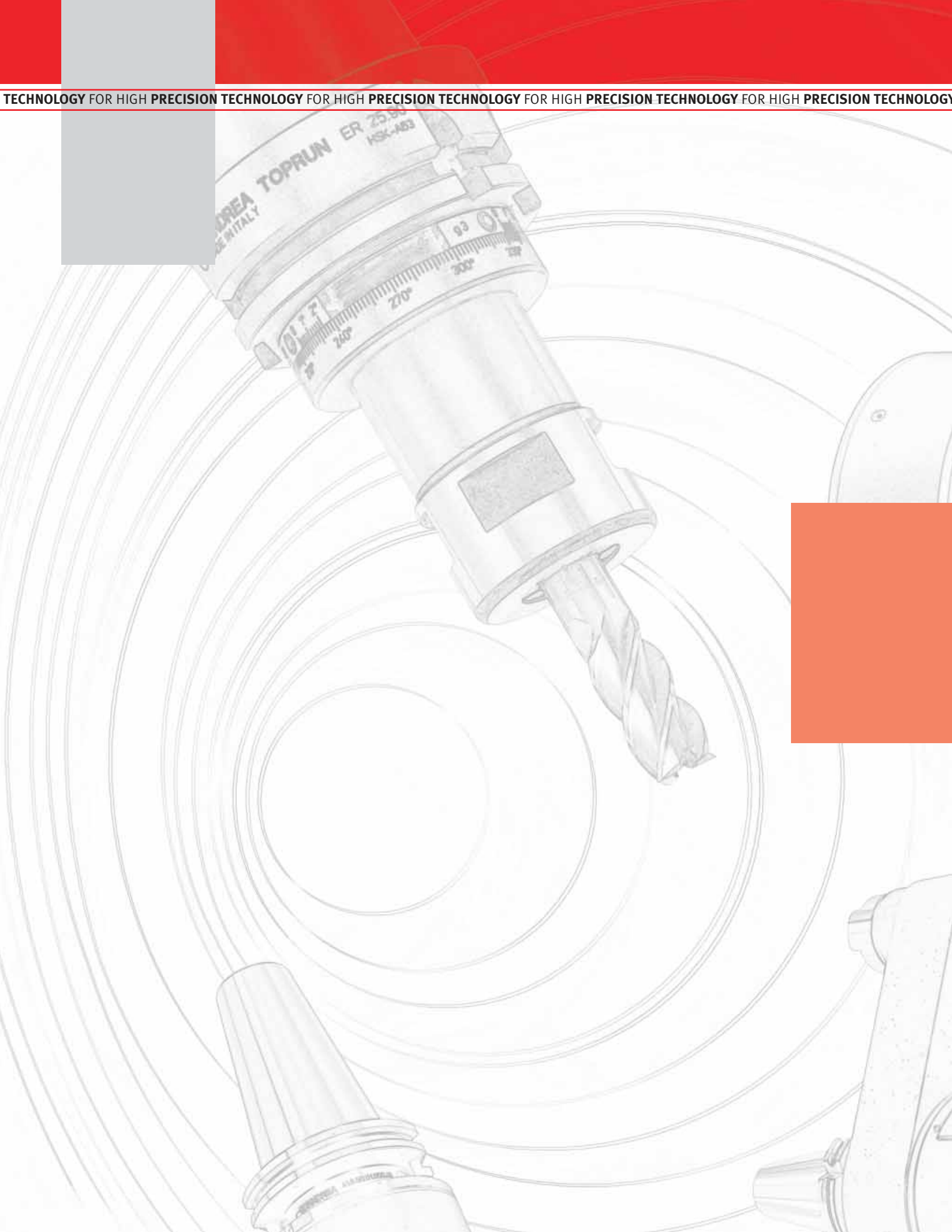
20020 Lainate (MI) - Italia

Tel. +39 02937532.1

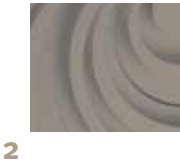
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