

# KEY to METALS FACT SHEET

## Key Facts

The KEY to METALS Database provides “fingertip” access to metal alloy properties, from 43 countries and standards, including the following:

- More than 4,000,000 property records
- Over 150,000 alloys – steel, iron, aluminum, titanium, copper, magnesium, tin, zinc, lead, nickel, cobalt, and more
- Chemical composition
- Standard reference
- Physical properties
- Mechanical properties
- Heat treatment details and diagrams
- Properties on elevated and low temperatures
- Weldability properties
- Fatigue properties
- Application guidelines
- Most comprehensive tables of equivalent materials worldwide.

## Unique Features

KEY to METALS provides several truly unique features not found anywhere else:

- The quickest and most comprehensive international cross-reference tables
- Application of complex algorithms within SmartCross™, a proprietary search methodology for finding cross-references
- The most robust update policy in the industry, where new materials are added every month
- Unique multilingual platform, available in 17 languages, enables global communication and business
- Integrity assured, it's the only certified metals database worldwide
- Solution trusted in 160 countries worldwide.



## SmartCross™

Proprietary cross-referencing tool, only available at KEY to METALS

### Why is it unique?

Smart algorithms is based on fuzzy sets, metallurgical expertise and statistical applications that generate global cross-references.

### What is the benefit?

You can find the closest match to the selected metals from over 150,000 metals within seconds.

### How it improves cross-referencing?

Similar metals are searched according to their chemical compositions and metallurgical groups, using elaborate algorithms. This goes far beyond classic cross-referencing, which relies on recommendations of standard development organizations, and are often incomplete.

### What does SmartCross™ cost?

It is FREE

**SmartCross™ comes bundled with every edition of KEY to METALS.**

## The only METALS DATABASE with Top International Certification

The KEY to METALS Database contains information that is completely accurate, easy to cross reference and search, and is built on a highly reliable platform, at your service, when you need it.



Our company quality processes, customer service, and product development procedures meet or exceed ISO 9001:2008 standards – the first and only in the metal properties information business.

# KEY to METALS FACT SHEET

## Individual licensing

Choose the format to meet your needs: online (**Web Edition**), portable (**CD Edition**), or **both**...

### KEY to METALS Web Edition provides:

- Unlimited Internet usage for one person within a 12 month period.
- More than 150,000 metal alloys with the most comprehensive international cross-reference tables worldwide (The cost is less than \$0.007 / €0.004 per designation!)
- Free Web Database and software updates every month.
- Free tech support and unique e-mail consulting services for additional information about metal materials.

always  
connected

### KEY to METALS CD Edition provides:

- A portable CD database and License that NEVER expires.
- More than 150,000 metal alloys with the most comprehensive international cross-reference tables worldwide. (The cost is less than \$0.01 / €0.004 per designation!)
- Up to 12 on-line updates for your CD Database, within 12 months from date of purchase
- Free tech support and unique e-mail consulting services for additional information about metal materials.

easy  
portability

### Combined KEY to METALS CD + WEB Edition provides:

- Get best of both worlds, online and offline
- The combined package provides a savings of \$560 / €390!

premium  
flexibility

## Multiuser licensing

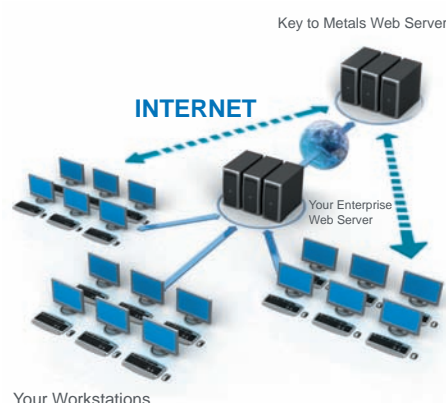
Multiuser licensing for KEY to METALS is the most convenient and cost-effective solution for groups, offices and enterprises. It enables a large group of users the tools and information they need, when they need it, within their corporate network. Everyone in a single location can access the Database on an "as needed" basis, without having to deploy precious IT resources.

### Additional benefits of multiuser licensing:

- Turn-key solution, maintenance-free: Which means you do not need to install or maintain any software on your computer, and there are no downloads or time-consuming activities.
- Always up-to-date: Constantly working with the most recent and up-to-date version of the Database.
- Fast and easy: Direct access to the Databases and content. No need for usernames and passwords.

Contact us for additional information about multiuser and corporate licensing plans.

## Groups and enterprises, large and small Multi-user licensing



Multi-user licensing for KEY to METALS Web Edition is the most convenient and cost-effective solution for groups small and large, offices and enterprises.

- Your turn-key, always up-to-date, exceptionally affordable resource.
- Annual cost per user starting at \$48/€32.
- Contact us for additional information about multiuser licensing plans.

## Industry Leaders Worldwide Rely on KEY to METALS

### MANUFACTURERS

ABB, Alcatel, Alstom, Apple, ArcelorMittal, Bao Steel, Benteler, Bentley, Black&Decker, Bosch, BP, ConocoPhillips, ChevronTexaco, Cummins, Dana, Danieli, Daimler, Delphi, Ford, General Electric, General Dynamics, Halliburton, Hitachi Metals, Honda, Hyundai, IKEA, INA, Maxtor, MAN, Pirelli, Shell, Siemens, SKF, SSAB, Toyota, TRW, Thyssen-Krupp, Total, Volvo, VW

### STANDARDIZATION BODIES

Finnish Standardization Organization, Indian Standards Bureau, Korean Standardization Organization, Livermore National Laboratory, Lloyds, SGS, TÜV

### EDUCATIONAL INSTITUTIONS

Aarhus University, Lehigh University, Stanford University, University of Bologna, University of Florence

 **KEY to METALS**

The World's Most Comprehensive METALS Database

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