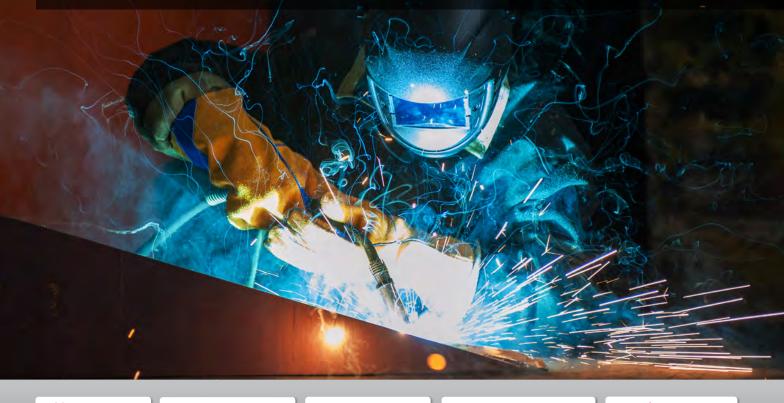


# DataPLUS

Material welding info, lubricants, tribology, dimensions and coatings information



DataPLUS is a supplementary module providing data subsets covering joints information, lubricants and coolants, material dimensions, tribology, and coatings for thousands of metallic and non-metallic materials.

Tribology

## The Challenge

Joints

- Material and consumables selection for successful welding operations
- A unified view of both material property and dimensional data
- Finding coatings and their properties related to materials in one unified platform

Lubricants

Communicating between engineering and purchasing avoiding potential errors

## The Solution

DataPLUS covers a wide range of information within its five data sub-sets acting as a critical additional resource for the process of material selection

Dimensions

Coatings

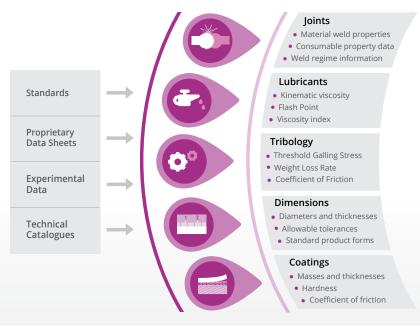
Completely integrated, DataPLUS connects seamlessly to other key information such as chemical composition, tables of equivalent materials, mechanical and physical properties, which means viewing the bigger picture is effortless

## The Benefits

- > Drives more accurate material selection
- ightarrow Helps justify material placement according to application
- Common tool for both engineering and purchasing helping to get it right first time



In synergy with the primary materials databases, Total Metals and PolyPLUS, DataPLUS supports and supplements key industrial application decisions by helping make accurate and considered choices relating to material selection and usage.





**DataPLUS** 

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### Dimensions & Tolerances

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### Coalitions Market Ma

## Welding information for global materials and consumables

Find critical welding information such as mechanical properties at joint, information for thousands of material combinations, base material property data, consumable characteristics and references to related welding methodologies.

## Lubricant materials and tribological data

Make key decisions about suitable lubricants to reduce cost by ensuring optimized part life. In combination with tribological data for thousands of materials, a complete picture of surface interaction can be discovered.

Find tribological data to understand the friction and subsequent wear potential for thousands of international materials and to help avoid unnecessary power loss and part degradation through the correct lubricant and coolant selection.

### Find dimension and tolerance information in seconds

A must have to bridge the gap between engineering and purchasing, the dimensions and tolerances dataset allows you to find information relating to specific material measurements, their permissible variations along with useful information about packaging formats.

## Search for coatings information to understand performance

Hundreds of coating designations available with multiple properties and test data to help drive accurate decisions relating to coating selection and performance. Using the simple search interface, find properties such as coefficient of friction, maximum working temperature, micro hardness and much more.



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