

Increased welding productivity, service life & cost savings

## **NEW EnDOtec Seamless SCW Range** **“Solid Cored Wires”**



- Smooth wire feeding & constant stick-out without lubricants
- Greater peripheric arc stability & faster metal transfer
- Excellent metal recovery efficiencies up to 98%
- Regular weld profiles, consistent quality & mechanical properties
- Less spatter emissions & surface finish blemishes to clean
- Exceptional positional weldability.

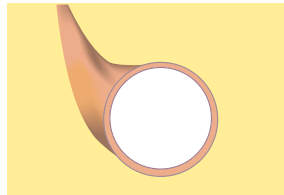


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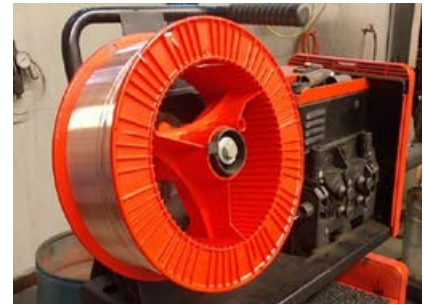
# SCW Range - Cut your welding and maintenance costs

## Features & Customer Benefits

- Low heat input peripheral arc characteristics
- Reduced roller pressures & wire deformation / crushing risks
- Improved service life of torch contact tips
- Lower risk of lack of fusion defects
- Virtually zero moisture pick-up on wire in humid conditions
- Minimal solid residues accumulation in lining / torch
- Cleanest wire surface condition after drawing



Seamless EnDOtec



### EnDOtec DO\*257

#### Main Application:

Joining and build up of modern low alloy, high tensile construction steels

#### Special Features:

- Concave weld profile in fillet joints.
- Elimination of bonding defects and sticking.
- Good resistance to impact at sub zero temperatures
- Welds with very low diffusible hydrogen content

#### Mechanical Properties

Tensile strength Rm (MPa): >840  
Yield strength Rp 0,2 (MPa): >690  
Elongation A5(%): >17

### EnDOtec DO\*310

#### Main Application:

Ideal for rebuilding worn cast steel sections, medium carbon steel parts and buttering layers for wearfacing applications

#### Special Features:

- Good resistance to compression and plastic deformation.
- Multi-pass deposit capability.
- Dense, magnetic deposit.
- Readily machinable with cutting tools

#### Mechanical Properties

Hardness (HB): ~ 350

### EnDOtec DO\*351

#### Main Application:

High alloy Cr-Si-C steel for wear protective coatings to resist impact, adhesion (metal-metal friction) and abrasion

#### Special Features:

- Forgeable deposit can be heat-treated or nitrided.
- Thermal shock resistance.
- Air hardening weld coatings
- Crack resistant wearfacing deposits

#### Mechanical Properties

Hardness (HRC): ~ 58

## Your resource for protection, repair and joining solutions

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