



böhler welding
by voestalpine

Lasting Connections

BÖHLER Q 70 MC METAL CORED WIRE

Metal-cored all positional high efficiency wire for shipbuilding and general construction applications for welding of unalloyed steels using Argon-CO₂ shielding gas.

BÖHLER Q 70 MC from Böhler Welding offers an ideal wire for extremely clean manufacturing processes, enables multi pass welding without the need of inter-run cleaning.

The BÖHLER Q 70 MC is characterized by minimum oxide residue, minimal spatter formation and low hydrogen content. This filler material is ideal for horizontal and flat fillet welds and ensures a time efficient welding process with remarkably less weld cleaning.

Product features	Product benefits	User benefits
» Designed chemistry	<ul style="list-style-type: none">» Can be used under mixed M21-M20 (Ar + 5-25%CO₂)» For semi-automatic and fully automatic joint welding of unalloyed and fine-grained constructional steels with service temperatures to -30°C» Good penetration» High resistance to porosity» Good wetting behaviour» Can be used for steel grades up to yield strength of 460 MPa	<ul style="list-style-type: none">» Flexibility in production» Ideal for horizontal and flat fillet welds
» Extremely clean manufacturing process	<ul style="list-style-type: none">» Steady spray arc-like droplet transfer with minimal spatter formation» Low hydrogen contents ($\leq 5 \text{ ml}/100 \text{ g deposit}$)» Minimum oxide residues	<ul style="list-style-type: none">» Less post weld cleaning» Time saving process» Permits the welding of multi passes without the need for inter-run cleaning



Typical applications

- » General steel construction
- » Shipbuilding

