

CARBO LS – WZ G4

International standards

Material No.	---
DIN 8555	MSG 3-GZ-40-T WSG 3-GZ-40-T

Approvals

Application notes

Laser wire suitable on parts subject to friction, compression and impact at elevated temperatures, such as hot shear blades, forging saddles, hammers and forging dies.

The laser wire is typically applied on: slab shears, hot-forging dies, drawing dies, containers, crushing equipment and depressions created by forging, pressure and impact stress.

Operating temperature

Base materials

Hardness of all-weld metal

(typical values)

HRc as welded
38 - 42

Weld metal analysis
(typical, wt %)

C	Si	Mn	Cr	Mo
0,10	0,40	0,60	6,50	3,30

Gas types EN 439

I1 Argon

coils, weight

Diameter in mm: 0,20 up to 0,60
You can order the laser wire as coils, spools or straightened bars. The standard lengths of the straightened rods are 500 mm and 1000 mm.