TruLaser Tube 5000 fiber

Technical data

TRUMPF

TruLaser Tube 5000 fiber

ROUND TUBE	
MAXIMUM OUTSIDE DIAMETER	152 mm
MAXIMUM OUTSIDE DIAMETER (OPTIONAL)	170 mm [1]
RECTANGULAR PROFILE	
MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER	152 mm / 170 mm
MAXIMUM RAW MATERIAL LENGTH FOR AUTOMATIC LOADING	
FOR LOADMASTER TUBE 6.5 M	6500 mm
FOR LOADMASTER TUBE 8.0 M	8000 mm [2]
FINISHED PART LENGTH	
FOR UNLOADING UNIT 3 M	3000 mm
FOR UNLOADING UNIT 3 M + 1.5 M	4500 mm [2]
FOR UNLOADING UNIT 6.5 M	6500 mm [2]
FOR UNLOADING UNIT 6.5 M + 1.5 M	8000 mm [2]
WORKPIECE WEIGHT	
MAXIMUM PATH WEIGHT (STANDARD/OPTIONAL)	20 kg/m / - kg/m
MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING	
WITH LOADMASTER TUBE 6.5 M	130 kg
WITH LOADMASTER TUBE 8.0 M	160 kg
LASER-SPECIFIC DATA - TRUDISK 2001	
MAXIMUM LASER POWER	2000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	8 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	4 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	2 mm
MAXIMUM MATERIAL THICKNESS, COPPER	3 mm
MAXIMUM MATERIAL THICKNESS, BRASS	3 mm
LASER-SPECIFIC DATA - TRUDISK 3001	
MAXIMUM LASER POWER	3000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	8 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	5 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	6 mm
MAXIMUM MATERIAL THICKNESS, COPPER	4 mm
MAXIMUM MATERIAL THICKNESS, BRASS	4 mm
CONSUMPTION VALUES - TRUDISK 2001	
AVERAGE POWER INPUT IN PRODUCTION	8 kW
CONSUMPTION VALUES - TRUDISK 3001	
AVERAGE POWER INPUT IN PRODUCTION	9 kW

Footnotes

1 — Round tubes with a diameter of 152 mm to 170 mm can only be manually loaded.

2 — Value for extended versions (option)