Hoffmann Group

TYROLIT

Precision surface grinding wheel D×T×H (mm), 400×80×127

Order data

Order number	591666
GTIN	9003176645045
Item class	53Y

Description

Version:
High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.
· **Universally applicable for reciprocating grinding processes, which significantly reduces the frequency of wheel changes in daily operation.**
· **For use on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Baltrusch, Geibel & Hotz, Jones & Shipman.**
· **Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.**
Special Aluminium Oxide for grinding **high-alloy hardened steels, case-hardened and tool steels, Stellite and chilled cast iron.** Especially for hard materials, because of better penetration into the material, the specification of 80 grit achieves optimum results.
Form 7 with recesses on both sides.
Specification:
97A801H8AV237-steel high alloyed.
Note:
Profile surface grinding wheels available on request.
Shape: 7
Recess depth G 2: 15 mm

Technical description

Grinding process	Surface grinding
Grinding media	Special aluminium oxide
Grinding medium code	A
Specification	97A801H8AV237-steel high alloyed
Shape	7
Disc Ø D	400 mm
Disc thickness T	80 mm
Product name attribute	400×80×127
Bore Ø H	127 mm
Recess Ø P	190 mm
Recess depth F 1	15 mm
Recess depth G 2	15 mm
Type of product	Flat grinding wheel

User data

	Suitability	V_c	ISO code
Steel < 900 N/mm²	suitable only under restricted conditions		
Steel < 1400 N/mm²	suitable only under restricted conditions		
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable only under restricted conditions		
Steel < 67 HRC	suitable only under restricted conditions		
INOX	suitable only under restricted conditions		
Ti	suitable only under restricted conditions		

GG(G)	suitable only under restricted conditions
Uni	suitable only under restricted conditions
wet maximum	suitable