Garant

Grooving insert medium machining, HB7010, Groove width w: 3mm

Order data

Order number	273733 3
GTIN	4045197502919
Item class	21J

Technical description

Tolerance groove width w	±0.03 mm
Groove width w	3 mm
Feed f	0.1 - 0.23 mm/rev.
Cutting depth a_p	0.8 - 1.7 mm
Finishing/roughing assignment	Skrubbearbejdning-sletbearbejdning
Tool material	Carbide
Main application	P
Secondary application	K
Cutting conditions	continuous
Grade	HB7010
Corner radius R	0.4 mm
Number of changes/inserts	2
Indexable insert profile	neutral
Type of product	Indexable insert for grooving

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm²	suitable only under restricted conditions	230 m/min	P
Steel < 750 N/mm²	suitable only under restricted conditions	190 m/min	P
Steel < 900 N/mm²	suitable	180 m/min	P
Steel < 1100 N/mm²	suitable	150 m/min	P
Steel < 1400 N/mm²	suitable	130 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	150 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	140 m/min	M
Ti > 850 N/mm²	suitable	70 m/min	S
GG(G)	suitable	200 m/min	K
CuZn	suitable	250 m/min	N
Uni	suitable		
continuous	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		