

Garant

Partial profile insert for DIN 471, external, right-hand, HB7010, Width groove m (H13): 1,85mm


Order data

Order number	271005 1,85
GTIN	4045197142450
Item class	21J

Description
Suitable for:

GARANT threaded toolholders (inner/outer) No. 271997 – 272172 for insert size 16 or 9.3 respectively.

Technical description

Blade width w	1.94 mm
Slot width m (H13)	1.85 mm
t_{\max}	2 mm
for circlips to DIN 471 / 472 ring thickness	1.75 mm
Tool material	Carbide
Insert assignment	right-hand
Grade	HB7010
Slots to standard	DIN 471

Thickness	3.6 mm
Insert size L	16 mm
Shim	No. 272604 size S
Type of product	Indexable insert for grooving

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable	250 m/min	N
Alu > 10% Si	suitable	180 m/min	N
Steel < 500 N/mm ²	suitable	150 m/min	P
Steel < 750 N/mm ²	suitable	150 m/min	P
Steel < 900 N/mm ²	suitable	130 m/min	P
Steel < 1100 N/mm ²	suitable	100 m/min	P
Steel < 1400 N/mm ²	suitable	90 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	40 m/min	H
INOX < 900 N/mm ²	suitable only under restricted conditions	100 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	100 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	50 m/min	S
GG(G)	suitable	130 m/min	K
CuZn	suitable only under restricted conditions	150 m/min	N
continuous	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		

Accessories

Shim for screw-on toolholder Inclination angle S°

272604 S