

Garant**Countersink, HB740, Ø D: 20,5mm****Order data**

Order number	210410 20,5
GTIN	4045197804280
Item class	21M

Technical description

Number of cutting edges Z	3
for DIN cylinder head screws	M10
smallest countersink Ø for holes from	3.5 mm
Head length l	28 mm
Counterbore Ø	20.5 mm
Feed f in steel < 900 N/mm ²	0.1 mm
Cutter length	12.5 mm
Shank Ø	11.2 mm
Series	TopCut
Arbor size	16 mm
Coating	TiAlN
Grade	HB740
Tool material	Solid carbide
Countersink tip angle	90
Standard	Manufacturer's standard

Spacing of the countersink cutting edges	unequal spacing
Through-coolant	no
Shank	GARANT TopCut
Type of product	Cutter insert for countersinking

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	80 m/min	N
Aluminium (short chipping)	suitable	80 m/min	N
Alu > 10% Si	suitable	60 m/min	N
Steel < 500 N/mm ²	suitable	65 m/min	P
Steel < 750 N/mm ²	suitable	60 m/min	P
Steel < 900 N/mm ²	suitable	50 m/min	P
Steel < 1100 N/mm ²	suitable	40 m/min	P
Steel < 1400 N/mm ²	suitable	10 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	12 m/min	H
INOX < 900 N/mm ²	suitable	25 m/min	M
INOX > 900 N/mm ²	suitable	20 m/min	M
Ti > 850 N/mm ²	suitable	15 m/min	S
GG(G)	suitable	35 m/min	K
CuZn	suitable	70 m/min	N
wet maximum	suitable		
wet minimum	suitable		
Air	suitable only under restricted conditions		