

Garant
Roughing shell end mill HR, TiAlN, Ø×width js16: 100X50mm

Order data

Order number	182750 100X50
GTIN	4045197097293
Item class	11U

Description
Version:

Eccentric relief ground fine knuckle-type profile.

Optimum cutting edge geometry.

Note:

f_z for $a_e = 0.5 - 1 \times D$.

Technical description

Bore Ø H7	32 mm
Cutting edge Ø D _c	100 mm
No. of teeth Z	12
Feed f_z for side milling in steel < 1100 N/mm ²	0.07 mm
Shank type	with bore
Overall height	50 mm
Coating	TiAlN
Tool material	HSS Co 5

Standard	DIN 1880 T1
Milling profile	HR
Tolerance nominal \varnothing	js16
Shell end mill arbor	With drive keyway
Helix angle	27 degrees
Direction of infeed	horizontal and oblique
Through-coolant	no
Corner chamfer angle	90 degrees
Colour ring	without
Type of product	Cylindrical milling cutter

User data

	Suitability	V_c	ISO code
Steel < 750 N/mm ²	suitable	45 m/min	P
Steel < 900 N/mm ²	suitable	42 m/min	P
Steel < 1100 N/mm ²	suitable	38 m/min	P
Steel < 1400 N/mm ²	suitable	33 m/min	P
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
CuZn	suitable	60 m/min	N
Uni	suitable		
wet maximum	suitable		