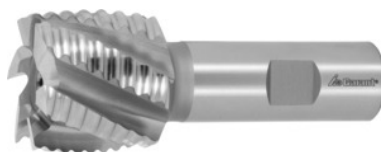


Garant**Roughing end mill, uncoated, Ø k12 DC: 35mm****Order data**

Order number	192970 35
GTIN	4045197109101
Item class	11W

Description**Version:****Relief ground knuckle form profile.**

End face recessed. Wide lands permit frequent regrinding without losing the profile.

Advantage:

For roughing at low cutting depths (predominantly face milling).

Very reliable, due to lower load on the machine spindle.

Technical description

Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.055 mm
No. of teeth Z	6
Cutting edge Ø D_c	35 mm
Shank Ø D_s	20 mm
Overall length L	90 mm
Flute length L_c	30 mm
Direction of infeed	horizontal and oblique
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k12
Helix angle	30 degrees

Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8
Milling profile	NR
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	83 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	23 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	23 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	12 m/min	P
GG(G)	suitable only under restricted conditions	23 m/min	K
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable		
wet maximum	suitable		