


ZDET 16M540 FR-721, GH1, Type: ALU

Order data

Order number	220828 ALU
GTIN	4059782503892
Item class	28E

Description
Recommendation:

When exchanging the indexable inserts, please also replace the screws. Spare screws are supplied with the indexable inserts.

Note:

f_z for $a_e = 0.3 \times D$.

f_z for roughing up to $a_{p \max} 16$ mm: 0.12 - 0.25 mm

f_z for pre-finishing $a_p = 3$ mm: 0.05 - 0.15 mm

f_z for finishing $a_p = 1$ mm: 0.02 - 0.1 mm

Insert thickness S: 5 mm

Technical description

f_z for roughing up to $a_{p \max} 16$ mm	0.12 - 0.25 mm
f_z for finishing $a_p = 1$ mm	0.02 - 0.1 mm
Type	ALU
f_z for pre-finishing $a_p = 3$ mm	0.05 - 0.15 mm
Corner radius	4 mm

Insert thickness S	5 mm
ISO code indexable insert	ZDET 16M540 FR-721
Grade	GH1
Tool material	Carbide
Number of changes/inserts	2
Type of product	Indexable insert for milling

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	1640 m/min	N
Aluminium (short chipping)	suitable	1370 m/min	N
Alu > 10% Si	suitable	1095 m/min	N
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		