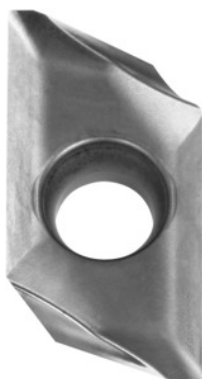




## ZDET 16M525 FR-721, GH1, Type: ALU



### Order data

Order number	220822 ALU
GTIN	4059782503182
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

Type	ALU
$f_z$ 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
Corner radius	2,5 mm

Insert thickness S	5 mm
ISO code indexable insert	ZDET 16M525 FR-721
Grade	GH1
Tool material	Carbide
Number of changes/inserts	2
Type of product	Indexable insert for milling

### User data

	Suitability	V <sub>c</sub>	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		