

Garant
VNGA 160404, KB7205, Application range: HART


Order data

Order number	255756 HART
GTIN	4045197511614
Item class	21H

Description

Version:

High quality, high-temperature ceramic tool material for reliable operation on materials that are hard and difficult to machine.

KB 7205: Coated aluminium oxide titanium carbide ceramic for machining hard materials up to 68 HRC.

Grade: KB7205

Cutting edge version: 0.2 mm×25°

Cutting depth a_p : 0.1 - 0.9 mm

Feed f : 0.05 - 0.15 mm/rev.

Technical description

Cutting conditions	continuous
Corner radius	0.4 mm
Cutting edge version	0.2 mm×25°
Application range	HART

Feed f	0.05 - 0.15 mm/rev.
Cutting depth a_p	0.1 - 0.9 mm
Grade	KB7205
Finishing/roughing assignment	Finishing
Tool material	Ceramic
ISO code indexable insert	VNGA 160404
Number of changes/inserts	4
Product name attribute	KB7205
Type of product	Indexable insert for turning

User data

	Suitability	V_c	ISO code
Steel < 55 HRC	suitable	250 m/min	H
Steel < 60 HRC	suitable	210 m/min	H
Steel < 67 HRC	suitable	180 m/min	H
GG(G)	suitable only under restricted conditions	250 m/min	K
continuous	suitable		
wet maximum	suitable only under restricted conditions		
dry	suitable		