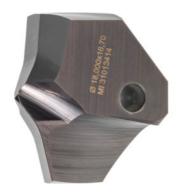


## HiPer-Drill cutter insert m7, HB3040, Ø D: 14,5-Xmm



### **Order data**

Order number	231645 14,5-X		
GTIN	4062406637187		
Item class	20N		

## **Description**

#### **Version:**

Vee ground cutter inserts for precise positioning and stable seating.

Concentricity when assembled  $\leq 20 \mu m$ . For holes up to IT9 accuracy.

**Special pyramidal point geometry,** optimal spot drilling – even with unstable conditions and long tool overhangs.

Such as when processing sheet metal and steel girders. Also suitable for stack drilling.

#### Note:

1×D maximum drilling depth without through-coolant.

Cutting data applies for the base body 5×D.

Drill pilot holes exclusively with cutter insert of the same type. Delivery time: 10 working weeks Minimum order quantity: 3 pieces

Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement. Items cannot be returned.

## **Technical description**

Feed f in steel < 750 N/mm<sup>2</sup> 0.26 mm/rev.

Series	HiPer-Drill		
for base body size	14.5 mm		
Use for drilling	Drilling through a stack		
Number of changes/inserts	1		
Coating	TiAIN		
Ø range	14.5 - 14.99 mm		
Point angle	160 degrees		
Grade	HB3040		
Tool material	Carbide		
Semi-Standard	yes		
Number of cutting edges Z	2		
Type of product	Cutter insert for boring		

# **User data**

	Suitability	$\mathbf{V}_{c}$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	140 m/min	Р
Steel < 750 N/mm <sup>2</sup>	suitable	120 m/min	Р
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	Р
GG(G)	suitable only under restricted conditions	80 m/min	К
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		