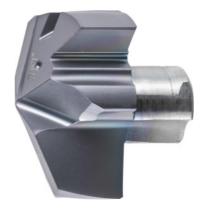


ISCAR SUMOCHAM drilling head ICP k7, IC908, Ø DC: 23,5mm



Order data

Order number	231740 23,5
GTIN	7291075247374
Item class	23J

Description

Version:

Vee ground drilling head for precise positioning and stable seating. Angled, **radial stop surfaces** for a significant increase in clamping force due to the cutting forces acting during machining. For productive drilling with **high feed rates**.

ICP

Main area of application **ISO P, ISO M** (especially duplex) as well as **ISO H**. Unique cutting edge preparation for the best possible compromise between cutting edge stability and cutting sharpness.

Note:

Cutting data applies for the base body 5×D. Drill pilot holes exclusively with drilling head of the same type – in particular for drilling heads FCP and QCP-2M. Please observe the application instructions for the base body. Cutting tolerance of the inserts: **k7** (positive toleranced cutting edge diameter).

Designation convention: [type] [Ø D_c]-[addition] [cutting material]

Examples:

No. 231740 6.5 ICP 065 IC908

No. 231742 18.5 ICP 185-2M IC908 No. 231745 18.5 HCP 185-IQ IC908

Technical description

Series	SUMOCHAM		
for base body size	23		
ØD	23.5 mm		
Feed f in steel < 900 N/mm ²	0.35 mm/rev.		
Iscar item designation	ICP 235 IC908		
Feed f_z in steel < 55 HRC	0.2 mm/rev.		
Geometry	ICP		
Point angle	154 degrees		
Manufacturer's designation	ICP 235 IC908		
Grade	IC908		
Tool material	Carbide		
Type of product	Drilling head for boring		

User data

	Suitability	\mathbf{V}_{c}	ISO code
Steel < 500 N/mm ²	suitable	100 m/min	Р
Steel < 750 N/mm ²	suitable	90 m/min	Р
Steel < 900 N/mm ²	suitable	100 m/min	Р
Steel < 1100 N/mm ²	suitable	70 m/min	Р
Steel < 1400 N/mm ²	suitable	55 m/min	Р
Steel < 55 HRC	suitable	35 m/min	Н
Steel < 60 HRC	suitable	35 m/min	Н
TOOLOX 33	suitable	70 m/min	Н
TOOLOX 44	suitable	60 m/min	Н
HARDOX 500 < 1600 N/ mm ²	suitable	35 m/min	Н
INOX < 900 N/mm ²	suitable only under restricted conditions	50 m/min	М

INOX > 900 N/mm ²	suitable only under restricted conditions	50 m/min	М
Ti > 850 N/mm ²	suitable only under restricted conditions	35 m/min	S
Inconel	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	120 m/min	K
CuZn	suitable only under restricted conditions	155 m/min	N
Oil	suitable only under restricted conditions		
wet maximum	suitable		