

# NPA

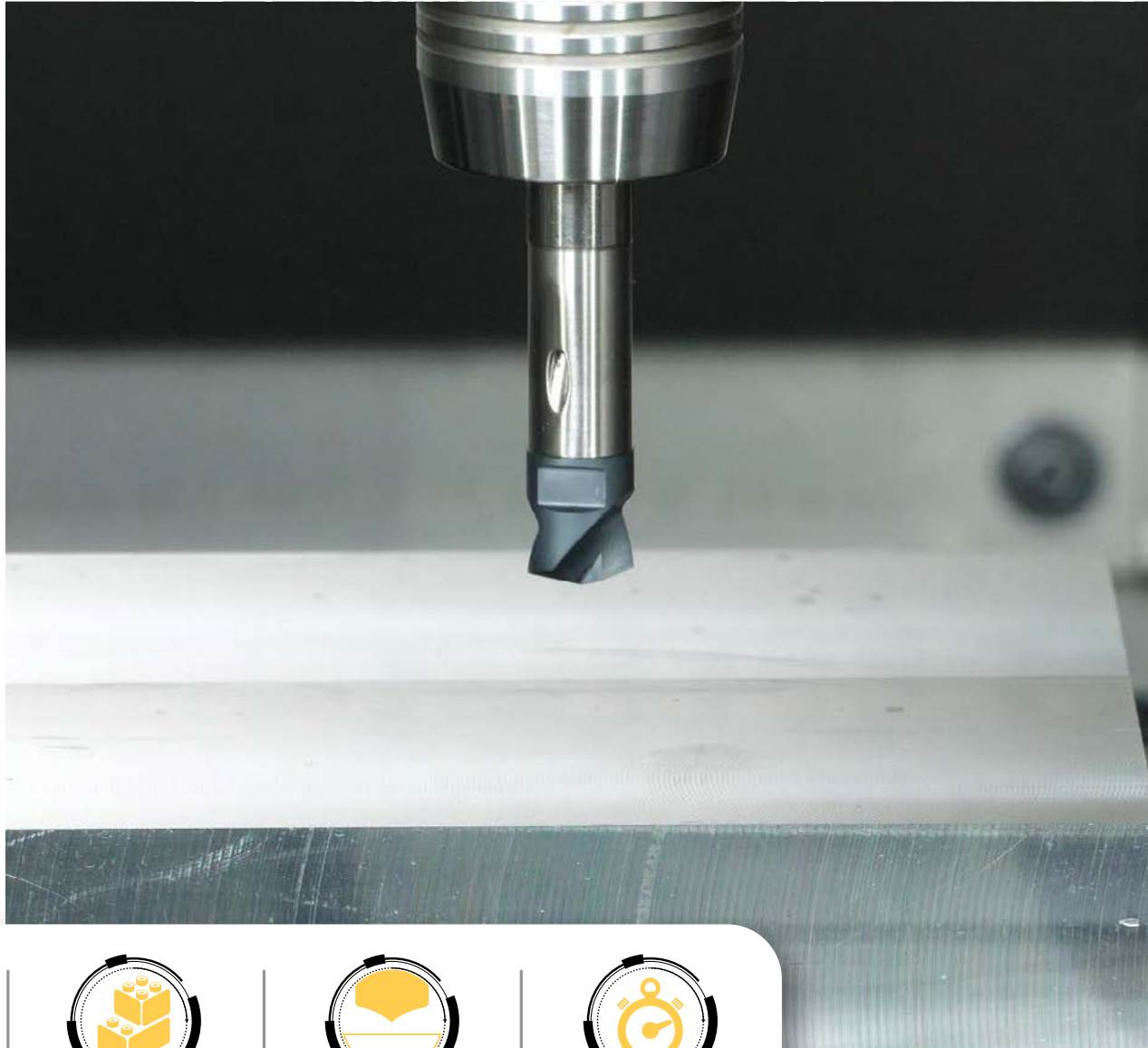
New Product Announcement

MILLING

14-2022

MAY 2022

INCH



Easy to Use



Pre-Hole for accurate location of a hole



No Setup Time



**MULTI-MASTER**  
INDEXABLE HEADS

**Expanded Application Range  
of MULTI-MASTER 145° NC  
Spot Drills with New Geometries  
and More Capabilities**



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## MULTI-MASTER

INDEXABLE HEADS

## Highlights

### New MULTI-MASTER NC Spot Drills. ISCAR Introduces 145° Point Angle Heads in Addition to 90° Spot Drilling Heads

#### Head Features:

- 2 cutting edges
- 145° point angle
- Nominal diameter range of .250-.625"
- A thin web at the head point to prevent "tool walking" during the machining process
- Head designation: MM ECD-...x145
- The heads are made of multipurpose carbide grade IC908

The new heads are intended for pre-drilling to ensure the accurate location of a hole for the next drilling operation. No need for guide bushing especially when machining steel, stainless steel and cast iron (ISO P, M and K groups of application, ISCAR material groups 1-20).

For optimal performance when planning a pre-drilling operation, the point angle of a spot drill should be no less than the point angle of the drill used to produce the hole.

The head can be used for hole O.D. chamfering and burr removal.

The new heads will increase the abilities of MULTI-MASTER drilling heads for holemaking.

[Click for Short Video](#)

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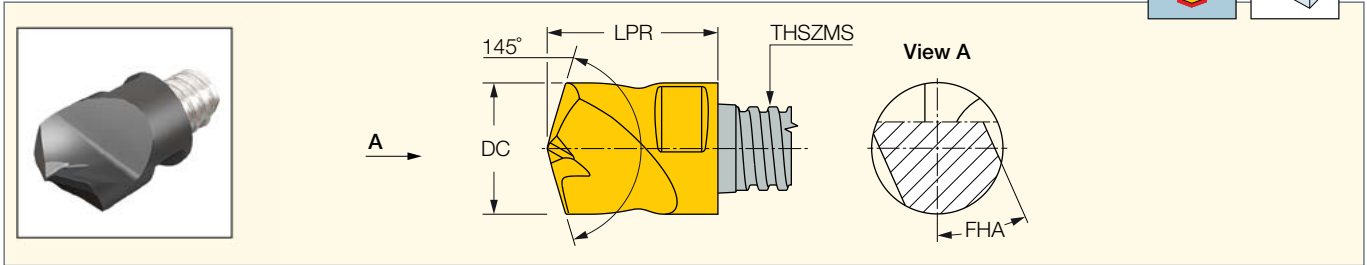
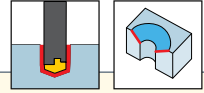
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### MULTI-MASTER INDEXABLE HEADS

#### MM ECD

NC Spotting Drills for Accurately Locating a Hole without Using a Guide Bushing



Designation	Dimensions				IC908
	DC	LPR	THSZMS	SIG	
MM ECD-250X145-2T04	.250	.334	T04	145	•
MM ECD-312X145-2T05	.312	.393	T05	145	•
MM ECD-375X145-2T06	.375	.511	T06	145	•
MM ECD-500X145-2T08	.500	.650	T08	145	•
MM ECD-625X145-2T10	.625	.807	T10	145	•

- Do not apply lubricant to the threaded connection