

TOOLING

28-2022

SEPTEMBER 2022

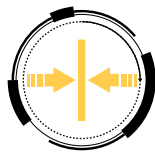
METRIC

NPA

New Product Announcement



Easy Chip
Evacuation



Slim Design Thermal
Shrink Chucks



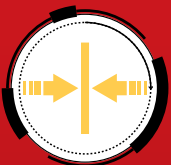
Coolant Directed
to Cutting Edges



X-STREAM SHRINKIN
JET TOOLHOLDING

Thermal SRK Collet with Coolant Jet Channels Along the Shank Bore

METRIC

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X-STREAM

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Highlights

ISCAR Expands the X-Stream Product Line with a New Solid Collet ER32-SRK -CX

The thermal shrink collet with coolant jet channels along the shank bore is suitable for solid carbide milling cutters. The new family offers several bore sizes from 3 to 12 mm tool diameters. ER-SRK-CX are the slimmest shrink chucks in the market with direct coolant to the cutting edge.

The solid collet ER32-SRK-CX is suitable for all ER Collet Chucks and ER driven units.

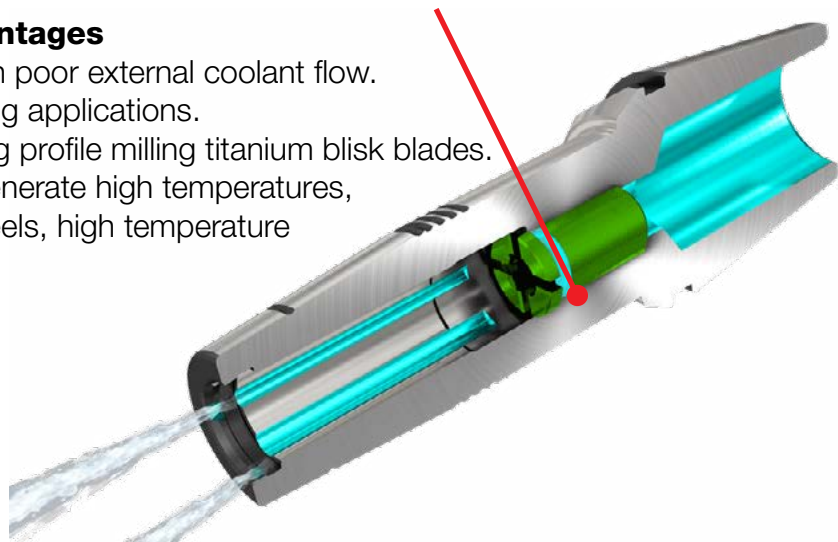
Features

- Interchangeability with all standard ER chucks.
- Coolant directed to cutting edges.
- Prolonged tool life.
- Eliminates chip sticking at the cutting edges.
- Suitable for high-speed milling.
- Effective chip evacuation prevents chip re-cutting.
- Cavities and pocket milling applications.
- Semi-finish and finishing profile milling titanium blisk blades.
- Milling applications with intensive heat generation, such as very hard alloy steels, high-temperature alloys, etc.

Note: Preset CX screw allows coolant supply via jet channels - not to be removed!

Applications and Advantages

- CNC milling machines with poor external coolant flow.
- Cavities and pockets milling applications.
- Semi-finishing and finishing profile milling titanium blisk blades.
- Milling applications that generate high temperatures, such as very hard alloy steels, high temperature alloys etc.



[Click for Short Video](#)

NPA New Product Announcement

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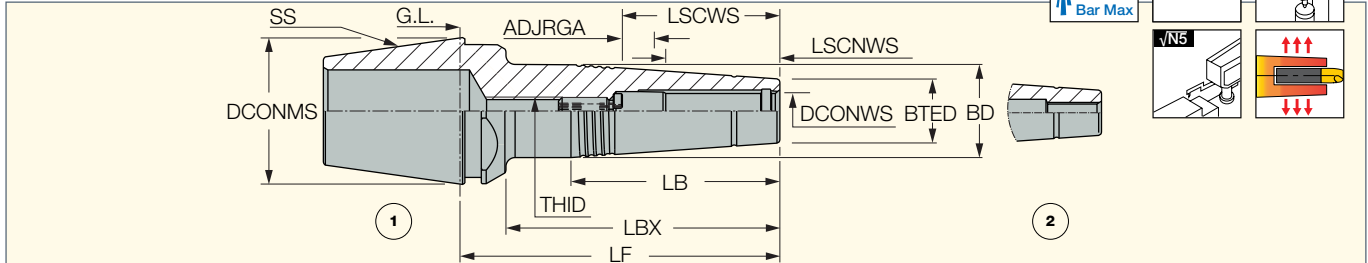
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METRIC

X-STREAM JET TOOLHOLDING

ER-SRK-CX

Thermal Shrink Chucks with an Integral ER Collet and Coolant Jet Channels for Solid Carbide Tools Only



Designation	SS	DCONWS	DCONMS	LB	LBX	LF	LSCNWS	LSCWS	ADJRGA	BD	BTED	THID	Key	Fig.	Fig.
ER32 SRK 3X35 CX ⁽¹⁾	ER32	3.00	32.00	25.00	35.00	45.00	10.00	-	-	13.50	10.00	-	-	2	0.17
ER32 SRK 3X60 CX ⁽¹⁾	ER32	3.00	32.00	45.00	60.00	70.00	10.00	-	-	16.30	10.00	-	-	2	0.22
ER32 SRK 4X35 CX ⁽¹⁾	ER32	4.00	32.00	25.00	35.00	45.00	12.00	-	-	13.50	10.00	-	-	2	0.17
ER32 SRK 4X60 CX ⁽¹⁾	ER32	4.00	32.00	45.00	60.00	70.00	12.00	-	-	16.30	10.00	-	-	2	0.20
ER32 SRK 5X35 CX ⁽¹⁾	ER32	5.00	32.00	25.00	35.00	45.00	15.00	-	-	13.50	10.00	-	-	2	0.17
ER32 SRK 5X60 CX ⁽¹⁾	ER32	5.00	32.00	45.00	60.00	70.00	15.00	-	-	16.30	10.00	-	-	2	0.20
ER32 SRK 6X35 CX	ER32	6.00	32.00	26.50	35.00	45.00	18.00	27.40	7.00	14.70	11.00	M5	2.50	1	0.17
ER32 SRK 6X60 CX	ER32	6.00	32.00	45.00	60.00	70.00	18.00	27.40	7.00	17.30	11.00	M5	2.50	1	0.22
ER32 SRK 8X35 CX	ER32	8.00	32.00	-	35.00	45.00	25.00	34.50	7.00	18.90	14.00	M6	3.00	1	0.20
ER32 SRK 8X60 CX	ER32	8.00	32.00	45.80	60.00	70.00	25.00	34.50	7.00	20.40	14.00	M6	3.00	1	0.25
ER32 SRK 10X35 CX	ER32	10.00	32.00	-	35.00	45.00	30.00	39.30	7.00	20.90	16.00	M8	4.00	1	0.22
ER32 SRK 10X60 CX	ER32	10.00	32.00	45.80	60.00	70.00	30.00	39.30	7.00	22.40	16.00	M8	4.00	1	0.26
ER32 SRK 12X35 CX	ER32	12.00	32.00	28.60	35.00	45.00	32.00	41.30	7.00	24.00	20.00	M10	5.00	1	0.24
ER32 SRK 12X60 CX	ER32	12.00	32.00	28.60	60.00	70.00	32.00	41.30	7.00	24.00	20.00	M10	5.00	1	0.29

- For carbide tools only
- For through tool coolant, preset screw must be removed
- (1) Without preset screw

Spare Parts



Designation	Preset Screw
ER32 SRK 6X35 CX	PRESET CX M5X13
ER32 SRK 6X60 CX	PRESET CX M5X13
ER32 SRK 8X35 CX	PRESET CX M6X12
ER32 SRK 8X60 CX	PRESET CX M6X12
ER32 SRK 10X35 CX	PRESET CX M8X16
ER32 SRK 10X60 CX	PRESET CX M8X16
ER32 SRK 12X35 CX	PRESET CX M10X16
ER32 SRK 12X60 CX	PRESET CX M10X16