

NPA

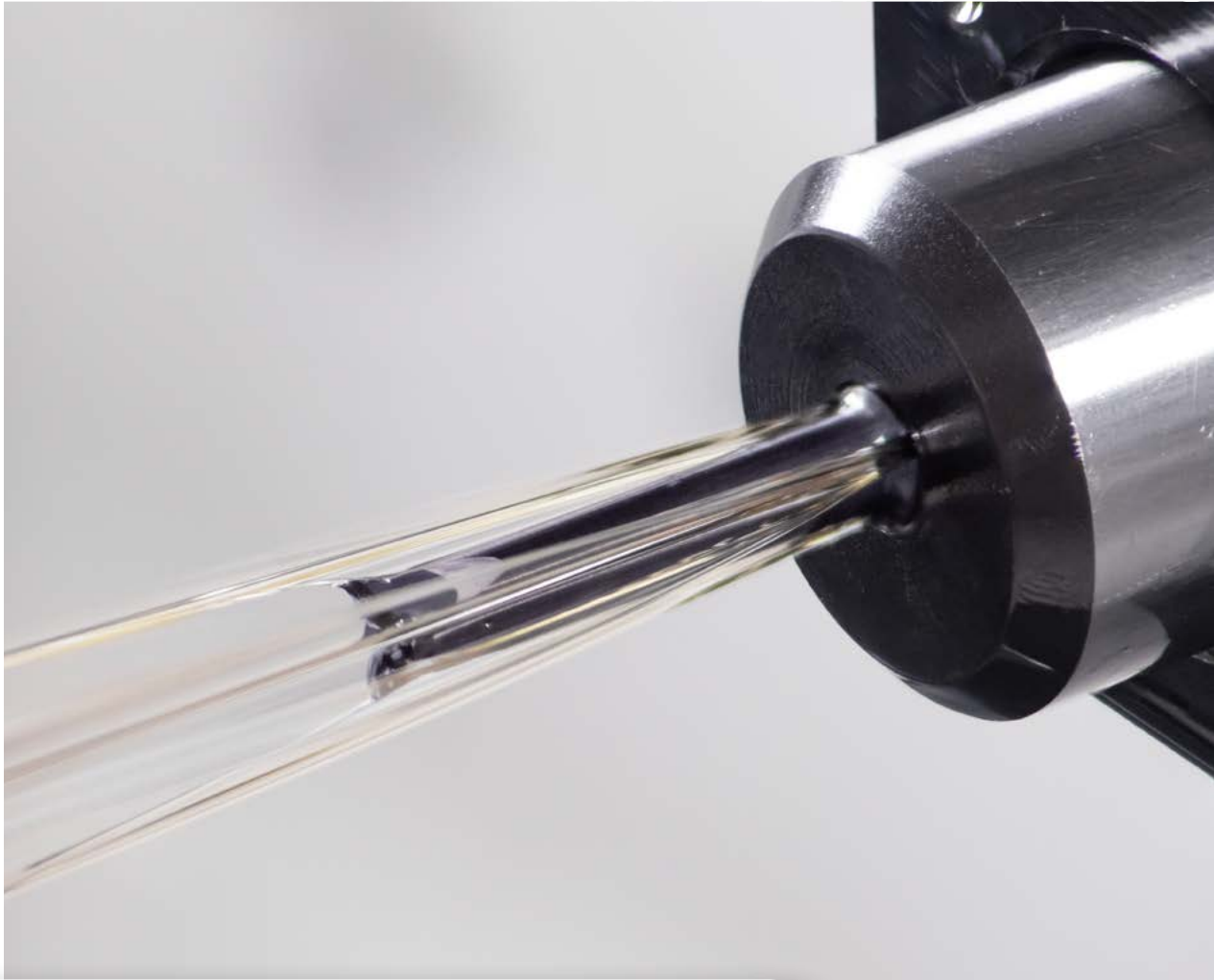
New Product Announcement

TURNING

14-2024

MAY 2024

METRIC



3 Cutting Edges



Cost Effective Inserts



High Productivity



PICCO 3cut

New Line of PICCO Inserts with 3 Cutting Edges



3 Cutting Edges



Cost Effective Inserts



High Productivity Inserts

NPA

New Product Announcement

PICCO³CUT

Highlights

New Line of PICCO Inserts with 3 Cutting Edges For Internal Turning and Chamfering Operations.

ISCAR is diversifying its product range in response to the growing miniature market by introducing a new line of PICCO inserts with three cutting edges, specifically designed for internal turning and chamfering applications. These inserts come with an internal cooling system and can be securely fastened onto PICCO/MG PCO (PASSCUT) type holders.

Main Features

- Machining internal turning / boring and chamfering applications with Ø3mm minimum bore diameter.
- 3 effective cutting edges provide excellent cost effectiveness.
- Internal coolant supply for improved tool life and chip control.
- Designations – PMC...
- All inserts are available in grade IC908.



METRIC



3 Cutting Edges



Cost Effective Inserts



High Productivity Inserts

NPA

New Product Announcement

PICCO³CUT

Test Report

Application: Turning
Part material: SAE 4340
Bore Diameter: 6mm
Cooling pressure: 10Bar



Tool Holder	PICCO 16-6-7	PICCO 16-6-7
Insert	PMC RT20D60R15-25 IC908	PICCO R 050.6-25 IC908
Cutting Speed (m/min)	80	80
Feed (mm/rev)	0.05	0.05
Depth of cut (mm)	0.15	0.15
Tool life (min)	80	80
Wear Type	Flank wear	Flank wear

[Click for Short Video](#)
[Click for Short Video](#)

NPA

New Product Announcement

TURNING

14-2024

MAY 2024

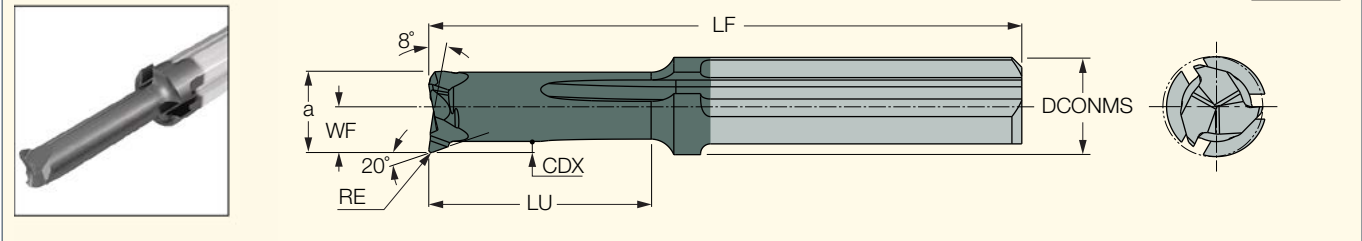
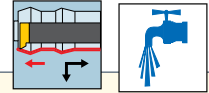
METRIC

PICCO³CUT

PICCO PMC R/L

Inserts with Three Cutting Edges for Internal Turning and Chamfering

<https://www.iscar.com/eCatalog/Family.aspx?fnum=5240&mapp=IS&GFSTYP=M&srch=1>



Designation	Dimensions								IC908
	DCONMS	D min	CDX	LU	RE	LF	a	WF	
PMC R/LT20D30R10-10	4.00	3.00	0.20	9.30	0.10	24.00	2.40	1.35	●
PMC R/LT20D30R10-15	4.00	3.00	0.20	14.30	0.10	29.00	2.40	1.35	●
PMC LT20D30R10-20	4.00	3.00	0.20	14.30	0.10	34.00	2.40	1.35	●
PMC RT20D30R10-20	4.00	3.00	0.20	19.30	0.10	34.00	2.40	1.35	●
PMC R/LT20D40R10-10	4.00	4.00	0.30	9.30	0.10	24.00	3.30	1.85	●
PMC R/LT20D40R10-15	4.00	4.00	0.30	14.30	0.10	29.00	3.30	1.85	●
PMC R/LT20D40R10-20	4.00	4.00	0.30	19.30	0.10	34.00	3.30	1.85	●
PMC R/LT20D40R10-25	4.00	4.00	0.30	24.30	0.10	39.00	3.30	1.85	●
PMC R/LT20D50R15-10	5.00	5.00	0.50	9.30	0.15	25.00	4.00	2.30	●
PMC R/LT20D50R15-20	5.00	5.00	0.50	19.30	0.15	35.00	4.00	2.30	●
PMC R/LT20D50R15-25	5.00	5.00	0.50	24.30	0.15	40.00	4.00	2.30	●
PMC R/LT20D50R15-35	5.00	5.00	0.50	34.30	0.15	50.00	4.00	2.30	●
PMC R/LT20D60R15-15	6.00	6.00	0.50	14.30	0.15	30.00	5.00	2.80	●
PMC R/LT20D60R15-25	6.00	6.00	0.50	24.30	0.15	40.00	5.00	2.80	●
PMC R/LT20D60R15-30	6.00	6.00	0.50	29.30	0.15	45.00	5.00	2.80	●
PMC R/LT20D60R15-40	6.00	6.00	0.50	39.30	0.15	55.00	5.00	2.80	●
PMC R/LT20D70R15-20	7.00	7.00	0.60	19.30	0.15	35.00	5.90	3.30	●
PMC R/LT20D70R15-30	7.00	7.00	0.60	29.30	0.15	45.00	5.90	3.30	●
PMC R/LT20D70R15-40	7.00	7.00	0.60	39.30	0.15	55.00	5.90	3.30	●
PMC R/LT20D70R15-50	7.00	7.00	0.60	49.30	0.15	65.00	5.90	3.30	●

• Specify right- or left-hand bars