

# MILLCHAM

BALLNOSE LINE

## Indexable Profile Milling 30-32 mm Large Diameters Ball Master



No Setup Time



Ideal for Finishing Applications



Ideal for Semi Finishing and Roughing Applications



Innovative Clamping System

**Indexable Ball Nose** with No Setup Time for **High Accuracy, Finishing and Semi Finishing** Applications



Ease of Use



Profiling, Roughing, Semi Finishing & Finishing applications



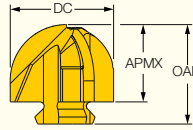
Cost Effective Insert

**LOGIQMILL**  
ISCAR CHESS LINES

## MILLCHAM

### BCTR-QT

Interchangeable Solid Carbide  
Ball Nose Milling Heads for High  
Productivity on Hard Materials



Designation	Dimensions					Tough ↔ Hard	
	DC	NOF <sup>(1)</sup>	APMX	SSC <sup>(2)</sup>	OAL	IC928	IC908
<b>BCTR D30-E20-QT-T3</b>	30.00	3	22.00	C30	28.30	•	
<b>BCTR D30-E20-QT-T6</b>	30.00	6	28.00	C30	34.30		•
<b>BCTR D32-E20-QT-T3</b>	32.00	3	22.00	C30	28.30	•	
<b>BCTR D32-E20-QT-T6</b>	32.00	6	28.00	C30	34.30		•

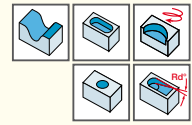
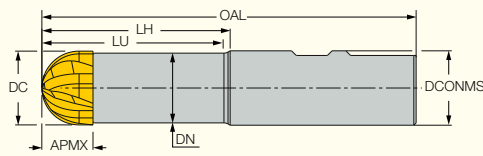
<sup>(1)</sup> Number of flutes

<sup>(2)</sup> Seat size code

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### BCTM D-W

Weldon Shanks for Ball Nose  
Solid Carbide Milling Heads



Designation	DC	APMX	DN	LU	LH	OAL	DCONMS	Shank <sup>(1)</sup>	SSC <sup>(2)</sup>	WT <sup>(3)</sup>
<b>BCTM D30/32-A-L120-W32</b>	30.00	22.00	29.00	37.00	40.00	120.00	32.00	W	C30	0.70
<b>BCTM D30/32-A-L160-W32</b>	30.00	22.00	29.00	77.00	80.00	160.00	32.00	W	C30	0.80

<sup>(1)</sup> W-Weldon

<sup>(2)</sup> Seat size code

<sup>(3)</sup> Item weight

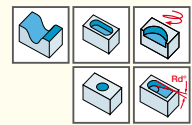
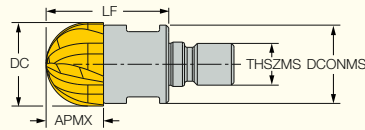
The above table dimensions are valid for BCTR D30-E20-QT-T3 insert only; for other inserts the following data modifications should be calculated:

Designation	DC	APMX	LU	LH	OAL
<b>BCTR D30-E20-QT-T6</b>	+0	+6	+6	+6	+6
<b>BCTR D32-E20-QT-T3</b>	+2	+0	+0	+0	+0
<b>BCTR D32-E20-QT-T6</b>	+2	+6	+6	+6	+6

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### BCTM D-M

Shanks with FLEXFIT Connection for  
Ball Nose Solid Carbide Milling Heads



Designation	DC	APMX	LF	SSC <sup>(1)</sup>	DCONMS	THSZMS	WT <sup>(2)</sup>
<b>BCTM D32/1.25-M16</b>	30.00	22.00	47.00	C30	29.00	M16	0.15

<sup>(1)</sup> Seat size code

<sup>(2)</sup> Item weight

The above table dimensions are valid for BCTR D30-E20-QT-T3 insert only; for other inserts the following data modifications should be calculated:

Designation	DC	APMX	LF
<b>BCTR D30-E20-QT-T6</b>	+0	+6	+6
<b>BCTR D32-E20-QT-T3</b>	+2	+0	+0
<b>BCTR D32-E20-QT-T6</b>	+2	+6	+6