

TOOLHOLDERS AND CHUCKS · INDEXABLE CUTTERS AND CHUCKS

BLMP high-feed modular heads

High-feed modular heads from Ø10 to Ø42 mm, 2 to 8 cutting edges, M6-M16 connection, for BLMP inserts.



KEY DATA

Product type	Toolholders and Chucks
Online page	innot-it.com/en/prodotto/testine-modulari-alto-avanzamento-blmp

How it works

Modular heads for high-feed milling with double-sided BLMP inserts: small depth of cut and very high feed per tooth to rough moulds, pockets and deep cavities in the shortest time. M6-M16 threaded connection with conical centring and face contact: rigidity and repeatability when changing heads.

Operations

- Roughing of moulds and pockets
- Fast face milling
- Ramping and helical interpolation
- Deep cavities with long extensions
- Hardened steels up to 65 HRC

How many inserts per diameter

Cutter Ø	BLMP 04	BLMP 06	BLMP 09	BLMP 11	BLMP 13
Ø10	2	-	-	-	-
Ø11	2	-	-	-	-
Ø12	3	-	-	-	-
Ø13	3	-	-	-	-
Ø16	4	2	-	-	-
Ø17	4	-	-	-	-
Ø18	-	2	-	-	-
Ø20	5	3	-	-	-
Ø21	-	3	-	-	-
Ø22	-	3	-	-	-
Ø25	7	4	3	-	-

Cutter Ø	BLMP 04	BLMP 06	BLMP 09	BLMP 11	BLMP 13
Ø26	-	4	3	-	-
Ø30	-	5	3	2	-
Ø32	8	5	4	2	2
Ø33	-	5	4	2	2
Ø35	-	5	4	3	2
Ø40	-	6	5	3	3
Ø42	-	6	5	3	3

ISO dimensions of the heads

BLMP 04 insert - heads from Ø10 to Ø32 mm

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø10	2	M6	9.7	17	31.5	0.5
Ø11	2	M6	9.7	17	31.5	0.5
Ø12	3	M6	11	17	31.5	0.5
Ø13	3	M6	11	17	31.5	0.5
Ø16	4	M8	13	23	40.5	0.5
Ø17	4	M8	13	23	40.5	0.5
Ø20	5	M10	18	23	43	0.5
Ø25	7	M12	21	27	49	0.5
Ø32	8	M16	29	27	52	0.5

BLMP 06 insert - heads from Ø16 to Ø42 mm

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø16	2	M8	13	25	42.5	0.7
Ø18	2	M8	13	25	42.5	0.7
Ø20	2	M10	18	30	50	1
Ø20	3	M10	18	30	50	1
Ø21	3	M10	18	30	50	1
Ø22	3	M10	18	30	50	1
Ø25	3	M12	21	35	57	1
Ø25	4	M12	21	35	57	1
Ø26	3	M12	21	35	57	1
Ø26	4	M12	21	35	57	1
Ø30	5	M16	29	40	65	1
Ø32	4	M16	29	40	65	1
Ø32	5	M16	29	40	65	1
Ø33	4	M16	29	40	65	1

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø33	5	M16	29	40	65	1
Ø35	4	M16	29	43	68	1
Ø35	5	M16	29	43	68	1
Ø40	6	M16	29	43	68	1
Ø42	5	M16	29	43	68	1
Ø42	6	M16	29	43	68	1

BLMP 09 insert - heads from Ø25 to Ø42 mm

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø25	2	M12	21	35	57	1.5
Ø25	3	M12	21	35	57	1.5
Ø26	3	M12	21	35	57	1.5
Ø30	3	M16	29	43	68	1.5
Ø32	3	M16	29	43	68	1.5
Ø32	4	M16	29	43	68	1.5
Ø33	4	M16	29	43	68	1.5
Ø35	3	M16	29	43	68	1.5
Ø35	4	M16	29	43	68	1.5
Ø40	4	M16	29	43	68	1.5
Ø40	5	M16	29	43	68	1.5
Ø42	3	M16	29	43	68	1.5
Ø42	5	M16	29	43	68	1.5

BLMP 11 insert - heads from Ø30 to Ø42 mm

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø30	2	M16	29	43	68	2
Ø32	2	M16	29	43	68	2
Ø33	2	M16	29	43	68	2
Ø35	3	M16	29	43	68	2
Ø40	3	M16	29	43	68	2
Ø42	3	M16	29	43	68	2

BLMP 13 insert - heads from Ø32 to Ø42 mm

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø32	2	M16	29	50	75	2
Ø33	2	M16	29	50	75	2

Cutter Ø DCX	Cutting edges Z	Connection	Connection Ø DCONMS	LF	OAL	APMX
Ø35	2	M16	29	50	75	2
Ø40	3	M16	29	50	75	2
Ø42	3	M16	29	50	75	2

Misure in mm secondo ISO 13399. DCX = diametro di taglio, Z = numero di inserti (taglienti effettivi), DCONMS = diametro dell'attacco lato macchina, LF = lunghezza funzionale, OAL = lunghezza totale, APMX = profondità di passata massima. Tutte le testine hanno refrigerazione interna.

Compatible INNOT inserts

BLMP 04 · 06 · 09 · 11 · 13 – grades for steels, stainless steels, cast irons, superalloys and hardened steels up to 65 HRC.

How to choose

- Choose the **diameter** and the **number of cutting edges**: more inserts for maximum productivity, fewer inserts for light machines and long overhangs.
- Pair the head with an **extension** with the same connection (M6–M16) in steel or anti-vibration carbide.
- Already have a modular system from another brand? Send us the **code**: verifichiamo la compatibilità dell'attacco.

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Quote within 30 minutes

Send us the code or the drawing: we reply with price and availability. Free test inserts on request, 24/48h shipping.

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Cutting data are indicative starting values: adjust them to machine, clamping, tool overhang and workpiece material. Data and images may change without notice.