

# FINISH 3D PARTS FASTER WITH NEW BARREL FINISHING TOOLS DEDICATED TO ISO-M AND S MATERIALS

JABRO® BARREL  
JH734/JH736  
& JH744/JH746  
SERIES

## YOUR CHALLENGE

3+2 or full 5-axis semi-finishing and finishing operations in ISO-M and S materials take too long, with too many tools required to complete the part.

## OUR SOLUTION

Barrel-style solid end mills allow for bigger stepovers using the same cutting speeds for high-quality surface finishes – in a fraction of the time required when finishing with several ball-nose end mills.

## YOUR CHALLENGE

Applying new advanced cutting strategies requires expertise that can't be found in-house.

## OUR SOLUTION

Seco experts have the CAD/CAM knowledge necessary to take full advantage of these tools and can help any shop integrate the technology into its operations.

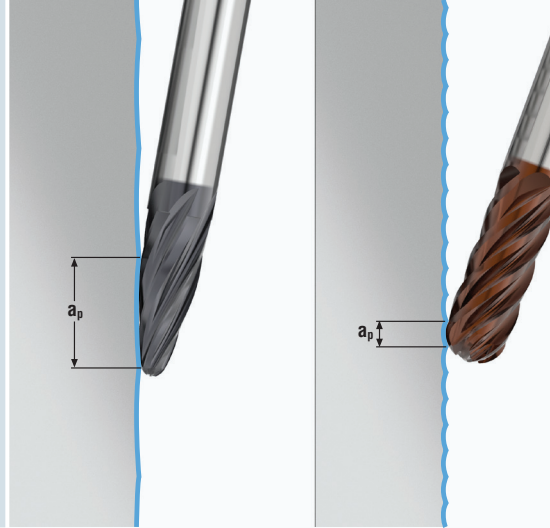


Visit [SECOTOOLS.COM](https://www.secotools.com) or scan the QR code and find out more information.



## CUSTOMER BENEFITS

- Faster finishing cycle times
- Fewer required tool changes
- Higher post-processing reliability
- Easy access to Seco expertise

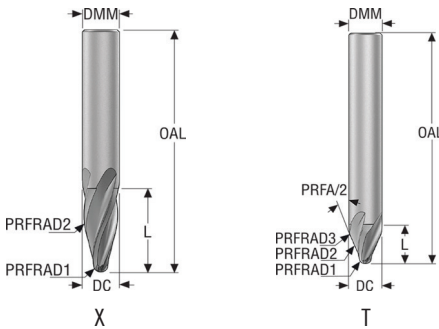


# JABRO® BARREL JH734/JH736 & JH744/JH746 SERIES

## TAKE BIGGER STEPOVERS FOR FASTER FINISHING PRODUCTIVITY

Finishing tough materials such as titanium, precipitation-hardened steels and stainless steel can require slow cutting speeds and multiple tool geometry variations that lead to long cycle times. Speed up these time-consuming processes without speeding up the spindle using new barrel solid end mills from Seco Tools. With a 5-axis machine, these innovative, circle-segment end mill geometries allow for big stepovers to finish the same parts up to 80% faster than conventional ball-nose end mills.

## TECHNICAL DATA EXTRACT



Tolerances:

- DMM = h5
- PRFRAD1 = ±0.03mm
- Form tolerance PRFRAD2 = 0.02mm

PRODUCT NUMBER	DESIGNATION	LENGTH INDEX	TOOL SHAPE	ICC	DC IN MM	DMM IN MM	L IN MM	OAL IN MM	PRFRAD1 IN MM	PRFRAD2 IN MM	PRFRAD3 IN MM	PRFA/2°	PCEDC	CYLINDRICAL
10044783	JH734060X2R1R95.0Z4,SIRA	2	X		6	6	20.8	62	1	95			4	■
10044784	JH734080X2R1R90.0Z4,SIRA	2	X		8	8	24.5	68	1	90			4	■
10044785	JH734100X2R2R85.0Z4,SIRA	2	X		10	10	24.7	72	2	85			4	■
10044786	JH734120X2R2R80.0Z4,SIRA	2	X		12	12	27.3	83	2	80			4	■
10044787	JH734160X2R3R75.0Z4,SIRA	2	X		16	16	30.1	92	3	75			4	■
10044834	JH736100X2R2R85.0Z6,SIRA	2	X		10	10	24.7	72	2	85			6	■
10044835	JH736120X2R2R80.0Z6,SIRA	2	X		12	12	27.3	83	2	80			6	■
10044836	JH736160X2R3R75.0Z6,SIRA	2	X		16	16	30.1	92	3	75			6	■
10044920	JH744100T1R1.5R250.0Z4,SIRA	1	T		10	10	5.4	72	1.5	250	2	65	4	■
10044921	JH744120T1R3R250.0Z4,SIRA	1	T		12	12	10.5	89	3	250	6	32.5	4	■
10044922	JH744160T1R4R500.0Z4,SIRA	1	T		16	16	14.6	108	4	500	8	27.5	4	■
10044923	JH744040T2R0.5R250.0Z4,SIRA	2	T		4	6	7.6	62	0.5	250	3	17.5	4	■
10044924	JH744060T2R1R250.0Z4,SIRA	2	T		6	6	9.6	62	1	250	3	17.5	4	■
10044925	JH744080T2R1.5R250.0Z4,SIRA	2	T		8	8	10.7	68	1.5	250	4	20	4	■
10044926	JH744100T2R2R250.0Z4,SIRA	2	T		10	10	12.7	75	2	250	5	20	4	■
10044927	JH744120T2R3R250.0Z4,SIRA	2	T		12	12	13.7	89	3	250	6	20	4	■
10044928	JH744160T2R4R500.0Z4,SIRA	2	T		16	16	17.6	108	4	500	8	20	4	■
10044929	JH744160T2R2R1000.0Z4,SIRA	2	T		16	16	31.3	108	2	1000	5	12.5	4	■
10044930	JH744160T2R4R1000.0Z4,SIRA	2	T		16	16	24.1	108	4	1000	5	12.5	4	■
10044931	JH744160T4R4R1000.0Z4A,SIRA	4	T	■	16	16	24.1	150	4	1000	5	12.5	4	■
10044958	JH746100T2R2R250.0Z6,SIRA	2	T		10	10	12.7	75	2	250	5	20	6	■
10044959	JH746120T2R3R250.0Z6,SIRA	2	T		12	12	13.7	89	3	250	6	20	6	■
10044960	JH746160T2R4R500.0Z6,SIRA	2	T		16	16	17.6	108	4	500	8	20	6	■
10044961	JH746160T4R4R500.0Z6A,SIRA	4	T	■	16	16	17.6	150	4	500	8	20	6	■

Please note, that the shown data are just an extract. More products available. Please check availability in current price and stock list. For more information please take a look into the Seco Machining Navigator or visit My Pages on [secotools.com](http://secotools.com).