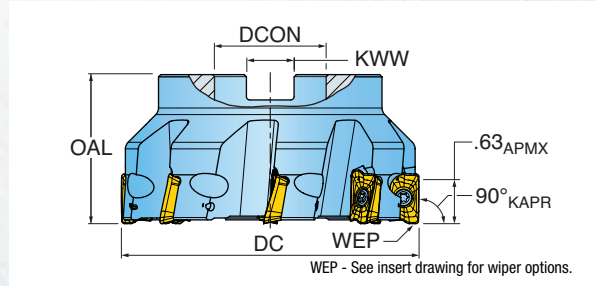




HIPOST™ SERIES: 2J1G

90° FACE MILL (17MM INSERT)



Part Number	DC Cutting Diameter	OAL Overall Length	ZEFF Effective Teeth	DCON Bore Diameter	KWW Keyway	DBC Bolt Circle	CSP Coolant	RMPX Ramp Angle Max.
2J1G-20R01	2.000	1.57	5	0.750	0.312	NA	Yes	4.4
2J1G-20R02	2.000	1.57	3	0.750	0.312	NA	Yes	4.4
2J1G-25R01	2.500	1.57	6	0.750	0.312	NA	Yes	3.2
2J1G-30R01	3.000	1.75	7	1.000	0.375	NA	Yes	2.3
2J1G-30R02	3.000	1.75	4	1.000	0.375	NA	Yes	2.3
2J1G-40R03	4.000	2.38	8	1.500	0.625	NA	Yes	1.8
2J1G-40R04	4.000	2.38	6	1.500	0.625	NA	Yes	1.8
2J1G-50R02	5.000	2.38	9	1.500	0.625	NA	Yes	1.4
2J1G-60R01	6.000	2.00	10	2.000	0.750	NA	No	.7
2J1G-60R02	6.000	2.00	8	2.000	0.750	NA	No	.7
2J1G-80R01	8.000	2.37	12	2.500	1.000	4.00	No	.5

NOTE: Cutter body must be relieved when using insert corner radii larger than R.062 (Body R" = Insert R" - .02").
BOMT17 produces slightly smaller diameter (up to .007") for cutters 3.00" and larger.

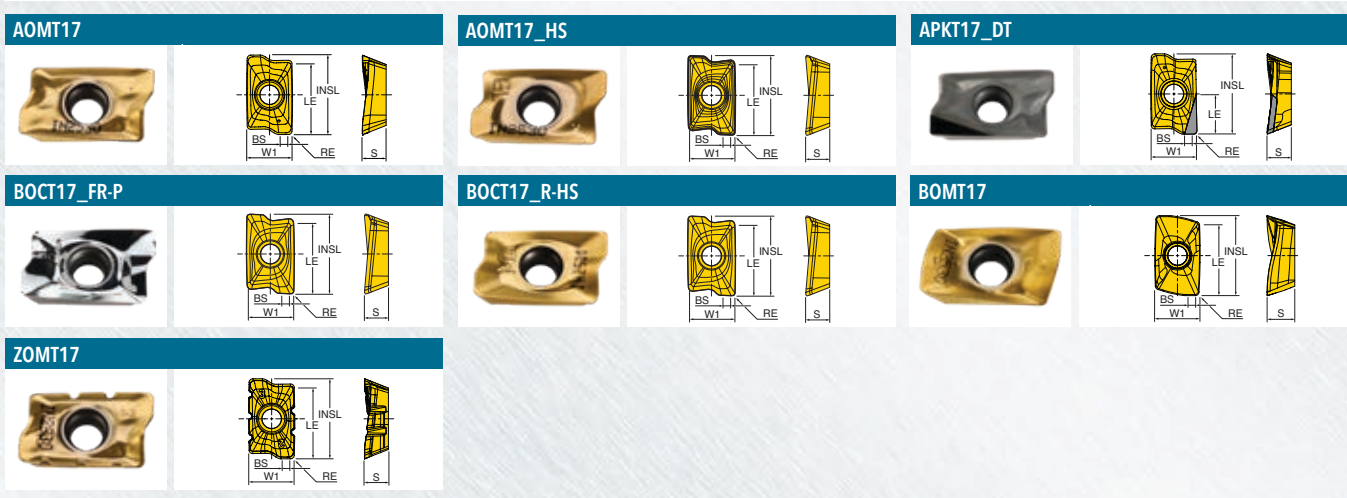
METRIC

Part Number	DC Cutting Diameter	OAL Overall Length	ZEFF Effective Teeth	DCON Bore Diameter	KWW Keyway	CSP Coolant	RMPX Ramp Angle Max.
2J1G040R00	40.00 mm	40.00 mm	3	16.00 mm	8.40 mm	Yes	5.0
2J1G050R00	50.00 mm	40.00 mm	4	22.00 mm	10.40 mm	Yes	4.4
2J1G050R01	50.00 mm	40.00 mm	5	22.00 mm	10.40 mm	Yes	4.4
2J1G063R00	63.00 mm	40.00 mm	5	22.00 mm	10.40 mm	Yes	3.2
2J1G063R01	63.00 mm	40.00 mm	6	22.00 mm	10.40 mm	Yes	3.2
2J1G080R00	80.00 mm	50.00 mm	6	27.00 mm	12.40 mm	Yes	2.3
2J1G080R01	80.00 mm	50.00 mm	8	27.00 mm	12.40 mm	Yes	2.3
2J1G100R00	100.00 mm	50.00 mm	6	32.00 mm	14.40 mm	Yes	1.8
2J1G100R01	100.00 mm	50.00 mm	9	32.00 mm	14.40 mm	Yes	1.8
2J1G125R00	125.00 mm	63.00 mm	7	40.00 mm	16.00 mm	No	1.4
2J1G160R00	160.00 mm	63.00 mm	8	40.00 mm	16.00 mm	No	0.7

NOTE: Cutter body must be relieved when using insert corner radii larger than R 1.6mm (Body R = Insert R - .5mm)
BOMT17 produces slightly smaller diameter (up to .17mm) for cutters 80mm and larger.



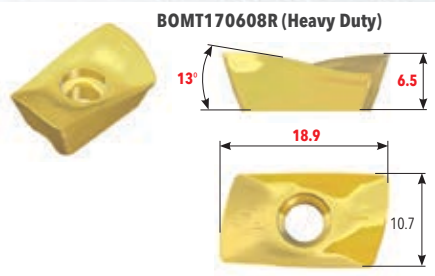
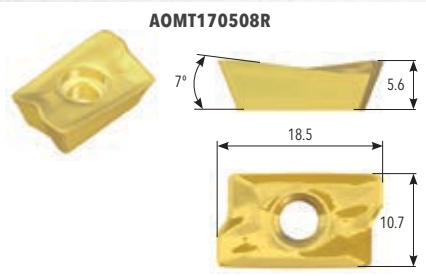
HIPOST™ 12J1G, 2J1G INSERTS



Part Number	Application	RE Corner Radius	BS Wiper Length	LE Cutting Edge Length	INSL Length	W1 Width	S Thick- ness	Grade	IN1030	IN10K	IN2005	IN2035	IN2504	IN2505	IN2510	IN2530	IN2540	IN4030	IN90D	IN7035
AOMT170504R	Multi-Purpose	0.015 R	0.100	0.633	0.728	0.421	0.218		•							•	•			
AOMT170508R	Multi-Purpose	0.031 R	0.088	0.633	0.728	0.421	0.218		•		•			•	•	•	•	•		
AOMT170508R-HS	SS/Hi-Temp/Ti	0.031 R	0.082	0.633	0.728	0.421	0.218		•		•	•				•				
AOMT170510R	Multi-Purpose	0.039 R	0.078	0.633	0.728	0.421	0.218									•				
AOMT170516R	Multi-Purpose	0.062 R	0.054	0.633	0.728	0.421	0.218		•		•				•	•				
AOMT170516R-HS	SS/Hi-Temp/Ti	0.062 R	0.054	0.633	0.728	0.421	0.218									•				•
AOMT170524R	Multi-Purpose	0.093 R	0.035	0.633	0.728	0.421	0.218		•		•									
AOMT170532R	Multi-Purpose	0.125 R	0.051	0.633	0.728	0.421	0.218		•		•					•	•			
AOMT170532R-HS	SS/Hi-Temp/Ti	0.125 R	0.051	0.606	0.683	0.421	0.218									•				•
AOMT170540R	Multi-Purpose	0.156 R	-	0.633	0.728	0.421	0.218		•					•						
AOMT170548R	Multi-Purpose	0.187 R	-	0.633	0.728	0.421	0.218		•		•									
AOMT170564R	Multi-Purpose	0.250 R	-	0.633	0.728	0.421	0.218		•		•				•					
AOMT170564R-HS	SS/Hi-Temp/Ti	0.250 R	-	0.595	0.669	0.421	0.218									•				•
APKT170504R-DT	PCD Tipped	0.015 R	0.080	0.300	0.731	0.421	0.218													•
BOCT170508FR-P	Grd/Pol for Al	0.031 R	0.124	0.633	0.692	0.421	0.207			•										
BOCT170530FR-P	Grd/Pol for Al	0.118 R	0.060	0.630	0.720	0.425	0.221			•										
BOCT170508R-HS	Precision	0.031 R	0.082	0.633	0.728	0.421	0.218				•					•				
BOMT170608R	Heavy Duty	0.031 R	0.086	0.630	0.744	0.421	0.256					•	•	•	•	•				
ZOMT170508R	Multi-Purpose Splitters	0.031 R	0.088	0.645	0.728	0.421	0.218					•		•		•				



BOMT17 DIAMETER DEVIATION



- Higher positive helix angle (AOMT17: 7°/ BOMT17: 13°) for smoother machining
- Thicker and stronger insert design (AOMT17: 5.6 mm / BOMT17: 6.5 mm)
- Compatible with the existing HiPos+ milling cutters for AOMT17

Please note possible cutter diameter deviations when using BOMT insert as follows:

Tool Diameter	Deviation of Diameter Compared to AOMT1705
.750" - 1.00"	+ .004" ~ +.011"
1.25" - 2.50"	0
3.00" - 8.00"	- .004" ~ -.007"



HIPOST™ 12J1G, 2J1G HARDWARE

	Insert Screw	Driver Handle	Driver Bit	Wrench	Retention Bolt	**OPTIONAL** Coolant Bolt	**OPTIONAL** Torque Driver Handle	**OPTIONAL** Preset Torque Bit	**OPTIONAL** Torque Driver Bit
12J1G-0701284R01	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1001580R01	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1001580R02	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1003780R01	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1006080R01	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1008080R01	SM40-084-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1201681R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1201681R02	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1204281R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1205281R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1207281R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1501681R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1501681R04	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1501881R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1505586R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-1507586R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-2001781R01	SM40-093-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-10015X7R01	SM40-093-20	DS-A00T	DS-T156B	617MM	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-12017X8R01	SM40-093-20	DS-A00T	DS-T156B	622MM	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G-15017X8R01	SM40-093-20	DS-A00T	DS-T156B	622MM	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-20R01	SM40-120-20	DS-A00T	DS-T156B	-	SD-06-46	SD-06-89	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-20R02	SM40-120-20	DS-A00T	DS-T156B	-	SD-06-46	SD-06-89	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-25R01	SM40-120-20	DS-A00T	DS-T156B	-	SD-06-46	SD-06-89	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-30R01	SM40-120-20	DS-A00T	DS-T156B	-	SD-08-47	SD08-C9	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-30R02	SM40-120-20	DS-A00T	DS-T156B	-	SD-08-47	SD08-C9	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-40R03	SM40-120-20	DS-A00T	DS-T156B	-	SD-12-82	SD-12-99	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-40R04	SM40-120-20	DS-A00T	DS-T156B	-	SD-12-82	SD-12-99	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-50R02	SM40-120-20	DS-A00T	DS-T156B	-	SD-12-82	SD-12-99	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-60R01	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-60R02	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G-80R01	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G025040W5R00	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G032040W6R00	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G032120W6R00	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G040050W6R00	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
12J1G040130W6R00	SM40-120-20	DS-A00T	DS-T156B	-	-	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G040R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M8X25-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G050R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M10X25-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G050R01	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M10X25-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G063R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M10X25-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G063R01	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M10X25-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G080R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M12X30-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G080R01	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M12X30-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G100R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M16X30-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G100R01	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M16X30-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G125R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M20X40-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1
2J1G160R00	SM40-120-20	DS-A00T	DS-T156B	-	ISO4762M20X40-12.9	-	DS-A00.25-T	DT-35-.25	DS-T15B1