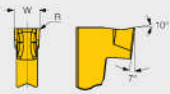




TANG-GRIP
PARTING LINE

TAG N-A

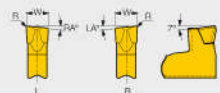
Parting and Grooving Single-Ended Insert for Machining Aluminum



Designation	Dimensions			IC20	Recommended Machining Data
	W***	R***	f groove (IPR)		
TAG N2A	0.083	0.008	0.001-0.004	•	
TAG N3A	0.150	0.008	0.001-0.006	•	
TAG N4A	0.150	0.009	0.001-0.006	•	

TAG R/L-C

Parting, Single-Ended Insert for Bars, Hard Materials and Tough Parting Applications



Designation	Dimensions			Tough / Hard				Recommended Machining Data
	W***	R***	L	IC200	IC202	IC204	IC207	
TAG R/LSC-6D	0.083	0.008	6.0	•	•	•	•	0.001-0.005
TAG R/LSC-9D	0.118	0.008	9.0	•	•	•	•	0.001-0.007
TAG R/LSC-15D	0.118	0.008	15.0	•	•	•	•	0.001-0.006
TAG R/LSC-6D	0.159	0.009	4.0	•	•	•	•	0.001-0.008
TAG R/LSC-9D	0.196	0.010	4.0	•	•	•	•	0.001-0.010
TAG R/LSC-6D	0.250	0.014	4.0	•	•	•	•	0.001-0.012

*The head width for grade IC20 should be decreased by 50%.

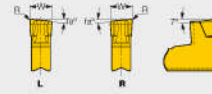
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TANG-GRIP
PARTING LINE

TAG R/L-J/S

TANG-GRIP Parting Inserts for Soft Materials, Tubes, Small Diameters and Thin-Walled Parts



Designation	Dimensions			Tough / Hard				Recommended Machining Data
	W	R	L	IC200	IC202	IC204	IC207	
TAG R/LJ-4D-15D	0.095	0.006	8.0	•	•	•	•	0.001-0.003
TAG R/LJS-6D-15D	0.095	0.001	10.0	•	•	•	•	0.001-0.002
TAG R/LJ-6D	0.083	0.006	6.0	•	•	•	•	0.001-0.004
TAG R/LJS-6D	0.083	0.001	6.0	•	•	•	•	0.001-0.003
TAG R/LJ-15D	0.083	0.008	15.0	•	•	•	•	0.001-0.003
TAG R/LJS-15D	0.083	0.001	15.0	•	•	•	•	0.001-0.002
TAG R/LJ-6D	0.118	0.008	6.0	•	•	•	•	0.001-0.006
TAG R/LJS-6D	0.118	0.001	6.0	•	•	•	•	0.001-0.004
TAG R/LJ-15D	0.118	0.008	15.0	•	•	•	•	0.001-0.005
TAG R/LJS-15D	0.118	0.001	15.0	•	•	•	•	0.001-0.003
TAG R/LJ-4D	0.157	0.009	4.0	•	•	•	•	0.001-0.006
TAG R/LJS-4D	0.159	0.010	4.0	•	•	•	•	0.001-0.007
TAG R/LJ-4D	0.250	0.014	4.0	•	•	•	•	0.001-0.008



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TGSU 35/56... TANG-GRIP Flat Top Parting and Grooving Blades



Designation	B	W	A	L	h	D _{max}
TGSU 35-3	1.38	0.979	0.288**	6.3	1.31	2.34
TGSU 35-5	1.38	0.118	0.086	7.29	1.31	4.72
TGSU 35-6	1.38	0.157	0.134	7.29	1.31	4.72
TGSU 35-8	1.38	0.197	0.157	7.29	1.31	5.67
TGSU 35-4	1.38	0.236	0.206	7.29	1.31	5.67
TGSU 35-7	1.38	0.276	0.236	7.29	1.31	5.67
TGSU 35C-0.1"	1.38	0.315	0.283	7.29	1.31	5.67
TGSU 35C-0.15"	1.38	0.374	0.322	7.29	1.31	5.67
TGSU 35C-0.2"	2.03	0.276	0.236	19.24	2.11	9.06
TGSU 35C-0.3"	2.03	0.315	0.283	19.24	2.11	9.06
TGSU 35C-0.4"	2.69	0.374	0.322	19.24	2.11	9.06

* Dimensions in inches unless otherwise specified.
 ** A = internal coolant, use with TO 351 + C (except only). ** A = SE at 1000 rpm only. Overall thickness is 2.5.
 For inserts, see pages: TAG N-C/W (IC200), TAG N-C/W L (IC200), TAG N-JS/JT (IC200), TAG N-JT (IC200), TAG RL-C (IC200), TAG RL-JS (IC200).
 For holder, see pages: IC1000 (IC200).



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TAG N-UT
Parting & Grooving Single-Ended Inserts,
Low Feeds on Cr-Ni Alloys, Bearing steel, ductile materials



Designation	Dimensions		Tough → Hard						Recommended Machining Data
	W**	h**	IC200	IC200L	IC200H	IC200S	IC200T	f groove (IPR)	
TAG N-UT	0.079	0.008	●	●	●	●	●	0.001-0.004	
TAG N-UTL	0.118	0.012	●	●	●	●	●	0.002-0.005	
TAG N-UTS	0.157	0.012	●	●	●	●	●	0.002-0.006	
TAG N-UTH	0.197	0.012	●	●	●	●	●	0.002-0.007	
TAG N-UTT	0.236	0.033	●	●	●	●	●	0.002-0.009	

TAG N-JS/JT*
Parting & Grooving Single-Ended Insert, for Soft Materials



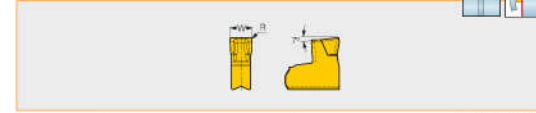
Designation	Dimensions		Tough → Hard						Recommended Machining Data
	W**	h**	IC200	IC200L	IC200H	IC200S	IC200T	f groove (IPR)	
TAG N1-AJ	0.059	0.006	●	●	●	●	●	0.001-0.004	
TAG N1-JL	0.083	0.001	●	●	●	●	●	0.001-0.003	
TAG N1-J	0.083	0.006	●	●	●	●	●	0.003-0.009	
TAG N1-JT	0.083	0.006	●	●	●	●	●	0.002-0.004	
TAG N1-JS	0.120	0.001	●	●	●	●	●	0.003-0.004	
TAG N1-JL	0.120	0.006	●	●	●	●	●	0.002-0.009	
TAG N1-JT	0.120	0.006	●	●	●	●	●	0.003-0.007	
TAG N1-JS	0.157	0.009	●	●	●	●	●	0.002-0.007	
TAG N1-JT	0.157	0.006	●	●	●	●	●	0.003-0.006	
TAG N1-JL	0.199	0.010	●	●	●	●	●	0.003-0.008	
TAG N1-J	0.251	0.013	●	●	●	●	●	0.002-0.009	
TAG N1-JT	0.251	0.013	●	●	●	●	●	0.003-0.010	
TAG N1-JL	0.278	0.020	●	●	●	●	●	0.004-0.011	

* JT (right-hand) has the same positive configuration of the J-flute and combined negative fluted edge. Wide range of materials listed outside for soft materials of low to medium feeds.

Valid from January 10 until August 31, 2010



TAG N-C/W
Parting & Grooving Single-Ended Insert for Parting Bars, Hard Materials and Tough Applications



Designation	Dimensions		Tough → Hard						Recommended Machining Data
	W**	h**	IC200	IC200L	IC200H	IC200S	IC200T	f groove (IPR)	
TAG N1-4C	0.050	0.006	●	●	●	●	●	0.002-0.004	
TAG N1-4C	0.083	0.006	●	●	●	●	●	0.002-0.006	
TAG N1-4C	0.120	0.008	●	●	●	●	●	0.004-0.010	
TAG N1-4C	0.159	0.009	●	●	●	●	●	0.004-0.012	
TAG N1-4C	0.198	0.010	●	●	●	●	●	0.004-0.014	
TAG N1-4C	0.250	0.014	●	●	●	●	●	0.005-0.016	
TAG N1-4C	0.278	0.020	●	●	●	●	●	0.007-0.016	
TAG N1-4C	0.315	0.020	●	●	●	●	●	0.008-0.020	
TAG N1-4C	0.374	0.020	●	●	●	●	●	0.010-0.021	
TAG N1-4C	0.500	0.033	●	●	●	●	●	0.012-0.031	

* Feed values for grade IC200 should be decreased by 50%.



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