

How Do Catalogue Numbers Work?

Each character in our catalogue number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.

HNPJ0704ANSNGD

H		N		P		J				
Insert Shape		Insert Clearance Angle		Tolerance Class		Geometry and Clamping Type				
A		A				symbol	hole	shape of hole	chipbreaker	shape of insert's section
B		B				N	without		without	
C		C				R			single-sided	
E		D				F			double-sided	
H		E				A	with	cylindrical hole	without	
L		F				M			single-sided	
O		G				G			double-sided	
R		N				W	with	partly cylindrical hole, 40-60° countersink	without	
S		P				T			single-sided	
T						Q	with	partly cylindrical hole, 40-60° double countersink	without	
W						U			double-sided	
X	Special Design					B	with	partly cylindrical hole, 70-90° countersink	without	
						H			single-sided	
						C	with	partly cylindrical hole, 70-90° double countersink	without	
						J			double-sided	
						X	special design			

iC	tolerances on "iC"		tolerances on "M"	
	classes J, K, L, M, N (+/-)	class U (+/-)	classes M & N (+/-)	class U (+/-)
4,76-10,00	0,051	0,076	0,076	0,127
11,11-14,29	0,076	0,127	0,127	0,203
15,00-20,64	0,102	0,178	0,152	0,279
22,00-31,16	0,127	0,254	0,178	0,381
31,75-35,00	0,152	0,254	0,2	0,381

	iC (+/-)	M (+/-)	T (+/-)		iC (+/-)	M (+/-)	T (+/-)
A	0,025	0,005	0,025	J	0,05-0,15*	0,005	0,025
B	0,025	0,005	0,013	K	0,05-0,15*	0,013	0,025
C	0,025	0,013	0,025	L	0,05-0,15*	0,025	0,025
D	0,025	0,013	0,013	M	0,05-0,15*	0,08-0,20*	0,013
E	0,025	0,025	0,025	N	0,05-0,15*	0,08-0,20*	0,025
F	0,013	0,005	0,025	P**	0,038	0,038	0,038
G	0,025	0,025	0,013	U	0,08-0,25*	0,13-0,30*	0,013
H	0,013	0,013	0,025				

*See table above for tolerances according to insert size and class.
**WIDIA standard only.