

ISO Designations

SHAPE

- A-Parallelogram 85°
- B-Parallelogram 82°
- C-Diamond 80°
- D-Diamond 55°
- E-Parallelogram 55°
- H-Hexagon 120°
- L-Rectangle 90°
- M-Diamond 86°
- O-Octagon 135°
- P-Pentagon 108°
- R-Round
- S-Square 90°
- T-Triangle 60°
- V-Diamond 35°
- W-Tigon 80°

INSERT BLANKS

R=Blank with grind
Stock on all surfaces

S=Blank with grind stock
on top and bottom
surfaces only

**INSERTS GROUND
TO TOLERANCES
FROM BLANKS**

I.C.	Thick.
A ±.001	±.001
B ±.001	±.005
C ±.001	±.001
D ±.001	±.005
E ±.001	±.001
G ±.001	±.005
H ±.005	±.001
M ±.002-.004	±.005

TOLERANCES

Size I.C.

inch	I.C.		metric cutting edge length							
	in	mm	C	D	R	S	T	V	W	
1.2 (5)	5/32	3,97	04	04	03	03	06			
1.5 (6)	3/16	4,76	04	05	04	04	08	08	S3	
1.8 (7)	7/32	5,56	05	06	05	05	09	09	03	
	.236	6,00				06				
2	1/4	6,35	06	07	06	06	11	11	04	
2.5	5/16	7,94	08	09	07	07	13	13	05	
	.315	8,00				08				
3	3/8	9,52	09	11	09	09	16	16	06	
	.394	10,00				10				
3.5	7/16	11,11	11	13	11	11	19	19	07	
	.472	12,00				12				
4	1/2	12,70	12	15	12	12	22	22	08	
4.5	9/16	14,29	14	17	14	14	24	24	09	
5	5/8	15,88	16	19	15	15	27	27	10	
	.630	16,00				16				
5.5	11/16	17,46	17	21	17	17	30	30	11	
6	3/4	19,05	19	23	19	19	33	33	13	
	.787	20,00				20				
7	7/8	22,22	22	27	22	22	38	38	15	
	.984	25,00				25				
8	1	25,40	25	31	25	25	44	44	17	
10	1 1/4	31,75	32	38	31	31	54	54	21	
	1.260	32,00				32				

