



ISO identificatie tabel - Buitenhouder

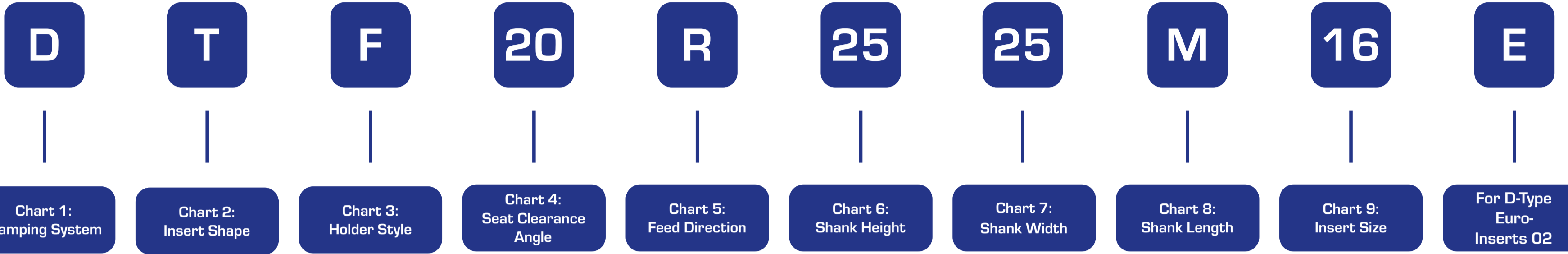


Chart 1: Clamping System

Clamping System					
Symbol	Clamp Types	Example of Structure	Symbol	Clamp Types	Example of Structure
C	Top Clamp		M	Top & Hole Clamp Type	
D	Double Clamp		P	Lever Lock Type (Insert is supported by 1 face)	
E	Pin Lock Type (Insert is supported by 1 face)		S	Screw Clamp Type	

Chart 2: Insert Shape

Insert Shape					
Symbol	Insert Shape	Symbol	Insert Shape	Symbol	Insert Shape
A	Parallelogram 85°	M	Rhombic 86°		
B	Parallelogram 82°	O	Octagonal		
C	Diamond 80°	P	Pentagonal		
D	Diamond 55°	R	Round		
E	Diamond 75°	S	Square		
F	Diamond 50°	T	Triangular		
H	Hexagonal	V	Diamond 35°		
K	Parallelogram 55°	W	Trigon		
L	Rectangular				

Chart 3: Holder Style

Holder Style					
Symbol	Shape	Offset	Symbol	Shape	Offset
A		Nil	L		With Offset
B		Nil	N		Nil
D		Nil	R		With Offset
E		Nil	S		With Offset
F		With Offset	T		With Offset
G		With Offset	U		With Offset
J		With Offset	W		With Offset
K		With Offset	Y		With Offset

Chart 5: Feed Direction

Feed Direction					
Symbol	Right Hand Feed	Symbol	Neutral Feed	Symbol	Left Hand Feed
R		N		L	

Cutting Edge Dimensions by Corner Radius : (This table shows X and Y dimensions based on O approach angle cutting edge inclinations)

Holders		Dimensions(mm)			Holders		Dimensions(mm)				
Symbol	Shapes	Corner Shapes	RE	X	Y	Symbol	Shapes	Corner Shapes	RE	X	Y
A			0.4	0.291	-	K			0.4	0.024	0.089
			0.8	0.581	-				0.8	0.048	0.178
			1.2	0.872	-				1.2	0.072	0.268
			1.6	1.162	-				1.6	0.096	0.357
			2.4	1.743	-				2.4	0.143	0.535
B			0.4	0.089	0.024	L			0.4	0.040	0.040
			0.8	0.178	0.048				0.8	0.079	0.079
			1.2	0.268	0.072				1.2	0.119	0.119
			1.6	0.357	0.096				1.6	0.159	0.159
			2.4	0.535	0.143				2.4	0.238	0.238
D			0.4	0.164	0.164	N			0.4	0.463	0.263
			0.8	0.329	0.329				0.8	0.925	0.471
			1.2	0.493	0.493				1.2	1.388	0.707
			1.6	0.658	0.658				1.6	1.850	0.943
			2.4	0.986	0.986				2.4	2.776	1.414
E			0.4	0.396	0.229	S			0.4	0.164	0.164
			0.8	0.793	0.458				0.8	0.329	0.329
			1.2	1.190	0.687				1.2	0.493	0.493
			1.6	1.587	0.916				1.6	0.658	0.658
			2.4	2.381	1.374				2.4	0.986	0.986
F			0.4	-	0.291	T			0.4	0.396	0.229
			0.8	-	0.581				0.8	0.793	0.458
			1.2	-	0.872				1.2	1.190	0.687
			1.6	-	1.162				1.6	1.587	0.916
			2.4	-	1.743				2.4	2.381	1.374
G			0.4	0.291	-	U			0.4	0.253	0.058
			0.8	0.581	-				0.8	0.506	0.116
			1.2	0.872	-				1.2	0.759	0.175
			1.6	1.162	-				1.6	1.013	0.233
			2.4	1.743	-				2.4	1.519	0.350
J			0.4	0.344	0.033	Y			0.4	0.002	0.033
			0.8	0.687	0.079				0.8	0.005	0.066
			1.2	1.031	0.118				1.2	0.008	0.099
			1.6	1.375	0.157				1.6	0.011	0.132
			2.4	2.062	0.236				2.4	0.017	0.198

Chart 4: Seat Clearance Angle

Symbol	Relief Angle
A	3°
B	5°
C	7°
D	15°
E	20°
F	25°
G	30°
N	0°
P	11°
O	Special Angle

Chart 6: Shank Height

Symbol	Height (mm)
12	12
16	16
20	20
25	25
32	32
40	40
50	50
00	Round shank.

Chart 7: Shank Width

Symbol	Width (mm)
12	12
16	16
20	20
25	25
32	32
40	40
50	50
	Shank Diameter is Shown for Round Shank.

2 digits are used for each dimension in mm.

Chart 8: Shank Length

symbol	Length (mm)
F	80
H	100
K	125
M	150
N	160
P	170
Q	180
S	250
T	300
U	350

For some Products, a Hyphen is used Instead of an alphabet.

Chart 9: Insert Size

Cutting Edge			
symbol	Length (mm)	symbol	Length (mm)
Eg. for Triangle Inserts:		For Round Inserts:	
06	6.9	10	10
08	8.2	12	12
09	9.6	16	16
11	11.0	20	20
16	16.5	25	25
22	22.0	32	32
27	27.5		
33	33.0		

Figures of „A“ and „RE“ to calculate Figure „B“

I.C. size (inch)	„A“ dimensions (mm)	„RE“ dimension (mm)
-	5/32	3.9688
-	6/32	4.7625
-	7/32	5.5562
2/8	8/32	6.3500
-	(0)	7.9375
3/8	-	9.5250
4/8	-	12.7000
5/8	-	15.8750
6/8	-	19.0500
8/8	-	25.4000

Figures of „A“ and „RE“ to calculate Figure „B“

Nose symbol	Size (inch)	„RE“ dimension (mm)
02	(0)	0.203
04	1/64	0.397
08	2/64	0.794
12	3/64	1.191
16	4/64	1.588
24	6/64	2.389

Calculation of the Nose Radius Dimensions (Unit in mm)

Insert Shape	Calculation
	Triangle $B = \frac{3}{2}A - RE$
	Square $B = (\sqrt{2}-1) \times (\frac{A}{2} - RE)$
	Rhombic $B = (\frac{1}{\sin(\theta/2)} - 1) \times (\frac{A}{2} - RE)$