

Clamping System	Insert Shape		Relief Angle	Cutting Direction
D-Double Clamping	C	D	B	R-Right hand
P-Lever Clamping	K	R	C	
M-Top & Hole Clamping	S	T	D	L-Left hand
S-Screw on	V	W	E	
C-Top Clamping			N	N-Right and left hand
			P	

M

C

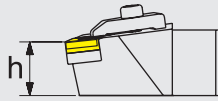
L


N

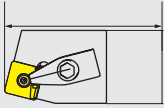
R

Toolholder Style							
A	B	C	D	E	F	G	H
J	K	L	M	N	O	P	Q
R	S	T	U	V	W	X	

External turning toolholders code key

Nose Height	
	
Code	h (mm)
12	12
16	16
20	20
25	25
32	32
40	40
50	50

Width of Toolholder	
	
Code	b (mm)
12	12
16	16
20	20
25	25
32	32
40	40
50	50


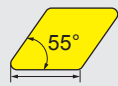



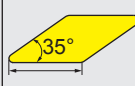

Tool Length

H=100mm
K=125mm
M=150mm
P=170mm
Q=180mm
R=200mm
S=250mm
T=300mm

16

16

H

12

Length of Cutting Edge							
Inserts Shape	C	D	R	S	T	V	W
							
Inscribed Circle (mm)	Length of Cutting Edge (mm)						
5.556	---	---	---	---	09	---	---
6.35	06	07	---	---	11	---	---
9.525	09	11	09	09	16	16	06
12.70	12	15	12	12	22	22	08
15.875	16	19	15	15	27	---	---
19.05	19	---	19	19	33	---	---
25.40	25	---	25	25	44	---	---
32.00	---	---	32	---	---	---	---

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A

Internal turning toolholders (Boring bars) code key

Boring Bars Type	Boring Bars Diameter		Boring Bars Length	Clamping System	Insert Shape	
Steel with Cooling Hole A				 D-Double Clamping	 C	 D
Carbide C	Code	D(mm)	H=100mm	 P-Lever Clamping	 K	 R
	16	16	M=150mm			
Carbide with Cooling Hole E	20	20	P=170mm	 M-Top & Hole Clamping	 S	 T
	25	25	Q=180mm			
	32	32	R=200mm			
Steel S	40	40	S=250mm	 S-Screw on	 V	 W
	50	50	T=300mm			
			U=350mm			
			V=400mm	 C-Top Clamping		

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Boring Bars Style	Relief Angle	Cutting Direction	Length of Cutting Edge							
			C	D	R	S	T	V	W	
 K	 B	 L-Left hand	Inserts Shape	 C	 D	 R	 S	 T	 V	 W
 F	 C		Inscribed Circle (mm)	Length of Cutting Edge (mm)						
 U	 D	 R-Right hand	5.556	---	---	---	---	09	---	---
 L	 E		6.35	06	07	---	---	11	---	---
 P	 N		9.525	09	11	09	09	16	16	06
	 P		12.70	12	15	12	12	22	22	08
			15.875	16	19	15	15	27	---	---
			19.05	19	---	19	19	33	---	---
		25.40	25	---	25	25	44	---	---	
		32.00	---	---	32	---	---	---	---	

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