OD TURNING NOMENCLATURE

ARCH Cutting Tools

Insert Holding	
M	Clamp and Lock Pin
N	Top Notch Clamp
S	Screw Lock Only
D	PULLBACK Clamp

Insert Shape	
C	80° Diamond
D	55° Diamond
T	60° Triangle
S	90° Square
V	35° Diamond
W	80° Trigon
R	Round

Hand of Tool	
L	Left
R	Right
N	Neutral

Insert Size	
2	1/4” IC
3	3/8” IC
4	1/2” IC
5	5/8” IC
6	3/4” IC

S C L C R 16 - 4 C

Lead Angle	
A	90°
F	90°
L	95°
S	45°
G	90°
M	50°
P	107.5°
V	72.5°
D	45°
J	93°
Y	85°
E	60°
K	75°
R	75°
T	27.5°

Insert Clearance Angle	
B	5°
C	7°
D	15°
N	0°
P	11°

Shank Dimension	
08	0.500”
10	.625”
12	.750”
16	1.000”
20	1.250”
24	1.500”
1212	12mm
1616	16mm

Qualified Surface & Length	
A	4”
B	4.5”
C	5”
D	6”
E	7”