

## Polycrystalline Diamond (PCD) & Cubic Boron Nitride (CBN) Tipped Inserts

### Style UCDR/UCDL 90° Lead Cartridge with Wiper Facet

UCDR/UCDL Inserts	Insert No#	Dimensions					
		L	T	W	R	Wiper	DOC
	UCDR00-00	1.236	0.600	0.750	0.000	0.000	0.205
	UCDR11-00	1.236	0.600	0.750	0.010	0.060	0.205
	UCDR11-01	1.236	0.600	0.750	0.010	0.060	0.255
	UCDR20-00	1.236	0.600	0.750	0.030	0.000	0.205
	UCDR21-52**	1.236	0.600	0.750	0.030	0.060	0.380
	UCDR22-00	1.236	0.600	0.750	0.030	0.080	0.205
	UCDR22-02	1.236	0.600	0.750	0.030	0.080	0.380
	UCDR22-03	1.236	0.600	0.750	0.030	0.080	0.515
	UCDR22-60	1.236	0.600	0.750	0.030	0.080	0.205
	UCDR23-01	1.236	0.600	0.750	0.030	0.100	0.255
UCDR24-03	1.236	0.600		0.030	0.120	0.505	
UCDR32-00	1.236	0.600	0.750	0.060	0.080	0.205	
UCDR33-00	<b>1.236</b>	<b>0.600</b>	<b>0.750</b>	<b>0.060</b>	<b>0.100</b>	<b>0.205</b>	
Recommended cartridge for all standard purposes is UCDR33-00	<b>UCDR33-40***</b>	<b>0.953</b>	<b>0.600</b>	<b>0.750</b>	<b>0.060</b>	<b>0.100</b>	<b>0.205</b>
If body has set height of less 2" using UCDR33-40 short cartridge	UCDR33-53**	1.236	0.600	0.750	0.060	0.100	0.505
Long Edge insert is 0.12" wide	UCDR34-04	1.236	0.600	0.750	0.060	0.120	0.630
	UCDR44-04	1.236	0.600	0.750	0.090	0.120	0.630

### Style CSR/CSL 90° Lead Cartridge 7° Radial Rake Angle Short & Standard Wiper Facet

CSR/CSL Inserts	Insert No#	Dimensions					
		L	T	W	R	Wiper	DOC
	CSR125-010-E1 W1	1.250	0.625	*	0.010	0.020	0.255
	CSR125-015-E1 W1	1.250	0.625	*	0.015	0.020	0.255
	CSR125-020-E1 W1	1.250	0.625	*	0.020	0.020	0.255
	CSR125-031-E1 W1	1.250	0.625	*	0.031	0.020	0.255
	CSR125-046-E1 W1	1.250	0.625	*	0.046	0.020	0.255
	CSR125-062-E1 W1	1.250	0.625	*	0.062	0.020	0.255
	CSR125-093-E1 W1	1.250	0.625	*	0.093	0.020	0.255
	CSR125-010-E1 W2	1.250	0.625	*	0.010	0.030	0.255
	CSR125-015-E1 W2	1.250	0.625	*	0.015	0.030	0.255
	CSR125-020-E1 W2	1.250	0.625	*	0.020	0.030	0.255
	CSR125-031-E1 W2	1.250	0.625	*	0.031	0.030	0.255
	CSR125-046-E1 W2	1.250	0.625	*	0.046	0.030	0.255
	CSR125-062-E1 W2	1.250	0.625	*	0.062	0.030	0.255
	CSR125-093-E1 W2	1.250	0.625	*	0.093	0.030	0.255
	CSR125-010-E1 W4	1.250	0.625	*	0.010	0.060	0.255
	CSR125-015-E1 W4	1.250	0.625	*	0.015	0.060	0.255
CSR125-020-E1 W4	1.250	0.625	*	0.020	0.060	0.255	
CSR125-031-E1 W4	1.250	0.625	*	0.031	0.060	0.255	
CSR125-046-E1 W4	1.250	0.625	*	0.046	0.060	0.255	
CSR125-062-E1 W4	1.250	0.625	*	0.062	0.060	0.255	
CSR125-093-E1 W4	1.250	0.625	*	0.093	0.060	0.255	

### Style CSR/CSL 90° Lead Cartridge 7° Double Rake Angle Standard Wiper Facet

CSR/CSL Inserts	Insert No#	Dimensions					
		L	T	W	R	Wiper	DOC
	CSR180-010-E1 W4	1.250	0.625	*	0.010	0.060	0.265
	CSR180-015-E1 W4	1.250	0.625	*	0.015	0.060	0.265
	CSR180-020-E1 W4	1.250	0.625	*	0.020	0.060	0.265
	CSR180-031-E1 W4	1.250	0.625	*	0.031	0.060	0.265
	CSR180-046-E1 W4	1.250	0.625	*	0.046	0.060	0.265
	CSR180-062-E1 W4	1.250	0.625	*	0.062	0.060	0.265
	CSR180-093-E1 W4	1.250	0.625	*	0.093	0.060	0.265