

ULTRA-DEX

2xD 2.5xD 4xD INDEXABLE DRILLS

BEST Value in the Industry!

Insert pockets precisely positioned to keep cutting forces low and evenly distributed, 80° Trigon Inserts offer 3 cutting edges!

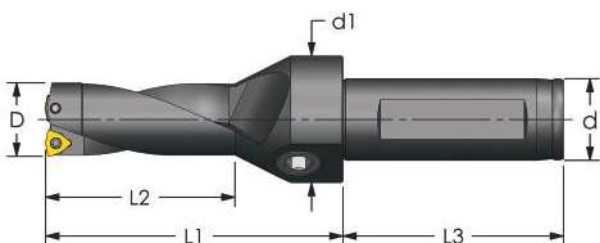
Spiral flutes to improve chip evacuation.

Coolant-Thru access is located on both the shank and the side of the drill body.

- Drills come with 1/8-27 NTP Port



	Work-piece material	SFM	Inch/ Rev
P	Steel	225-650	.0022-.006
M	Stainless Steel	250-430	.002-.006
K	Cast Iron	300-600	.0025-.009
N	Ferrite Materials	600-1100	.0038-.011
S	Heat-resistant steel	60-150	.0028-.008



2.5xD Indexable Drills (Coated & Uncoated)

Coolant Thru

Designation	D	d	d1	L3	L1	L2	Insert	Screw	Price * Coated	Price
UD-0437-2D-063	.437					1.280	WCMT 1.211	MTS 184	\$133.86	\$120.70
UD-0468-2D-063	.468					1.310		T-6-S	\$133.86	\$120.70
UD-0500-2D-063	.500	.625	.970	1.687	2.280	1.340		Wrench	\$133.86	\$120.70
UD-0531-2D-063	.531					1.370	WCMT 1.51.51	MTS 2	\$133.86	\$120.70
UD-0562-2D-063	.562					1.400		T-6-S	\$133.86	\$120.70
UD-0593-2D-063	.593					1.430		Wrench	\$133.86	\$120.70

* Coated with ION Nitride (Add -C to the end of designation)

D

DRILLING



PLEASE REFER TO DRAWING ON LEFT

2xD Indexable Drills (Coated & Uncoated)

Coolant Thru

Designation	D	d	d1	L3	L1	L2	Insert	Screw	Price * Coated	Price						
UD-0625-2D-063	.625	.625	.987	1.687	2.280	1.375	WCMX 1.81.52	MTS-255	\$133.86	\$120.70						
UD-0656-2D-063	.656					1.406			\$133.86	\$120.70						
UD-0687-2D-063	.687					1.437			\$133.86	\$120.70						
UD-0719-2D-063	.719					1.467			\$133.86	\$120.70						
UD-0750-2D-075	.750	.750	1.220	2.000	2.810	1.748	WCMX 21.52	MTS 25-DR	\$156.91	\$133.86						
UD-0781-2D-075	.781					1.780			\$156.91	\$133.86						
UD-0812-2D-075	.812					1.811			\$156.91	\$133.86						
UD-0844-2D-075	.844					1.850			\$156.91	\$133.86						
UD-0875-2D-075	.875					1.874			\$156.91	\$133.86						
UD-0906-2D-075	.906					1.910			\$156.91	\$133.86						
UD-0937-2D-075	.937					1.935			\$156.91	\$133.86						
UD-0968-2D-075	.968					1.970			\$156.91	\$133.86						
UD-1000-2D-100	1.000					1.000			1.450	2.375	3.235	2.345	WCMX 2.522	MTS 3-DR	\$184.34	\$147.03
UD-1031-2D-100	1.031											2.375			\$184.34	\$147.03
UD-1062-2D-100	1.062	2.406	\$184.34	\$147.03												
UD-1094-2D-100	1.094	2.438	\$184.34	\$147.03												
UD-1125-2D-100	1.125	2.469	\$184.34	\$147.03												
UD-1156-2D-100	1.156	2.500	\$184.34	\$147.03												
UD-1187-2D-100	1.187	2.532	\$184.34	\$147.03												
UD-1219-2D-100	1.219	2.564	\$184.34	\$147.03												
UD-1250-2D-125	1.250	1.250	1.730	2.619	3.886		2.710	WCMX 32.52				MTS 35-DR			\$216.16	\$174.47
UD-1312-2D-125	1.312						2.771								\$216.16	\$174.47
UD-1343-2D-125	1.343					2.802	\$216.16		\$174.47							
UD-1375-2D-125	1.375					2.833	\$216.16		\$174.47							
UD-1437-2D-125	1.437					2.896	\$216.16		\$174.47							
UD-1500-2D-125	1.500		1.970	4.426	4.426	3.250	T-10-S Wrench		\$246.89	\$201.89						
UD-1562-2D-125	1.562					3.312			\$246.89	\$201.89						
UD-1625-2D-125	1.625					3.375			\$265.53	\$216.16						
UD-1687-2D-125	1.687					3.437			\$265.53	\$216.16						
UD-1750-2D-150	1.750					1.500			2.220	2.875	5.025		3.850	WCMX 433	MTS 4-DR	\$283.09
UD-1812-2D-150	1.812	3.912	\$283.09	\$229.33												
UD-1875-2D-150	1.875	3.975	\$329.18	\$268.33												
UD-1937-2D-150	1.937	4.036	\$329.18	\$268.33												
UD-2000-2D-150	2.000	4.469	\$355.51	\$296.26												
UD-2125-2D-150	2.125	2.470	5.687	5.687	4.593		T-15-S Wrench	\$387.33	\$323.69							
UD-2250-2D-150	2.250				4.717			\$414.76	\$351.12							
UD-2375-2D-150	2.375				4.840			\$441.09	\$377.45							

* Coated with ION Nitride (Add -C to the end of designation)

D
DRILLING



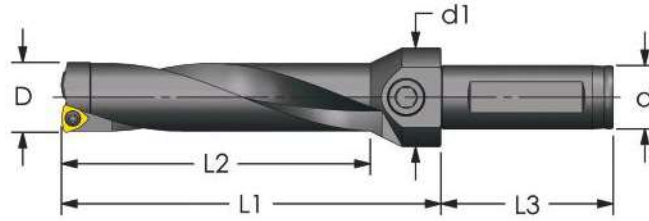
Hardware
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Inserts
pg: 188



4xD Indexable Drills



4xD Indexable Drills (Coated & Uncoated)

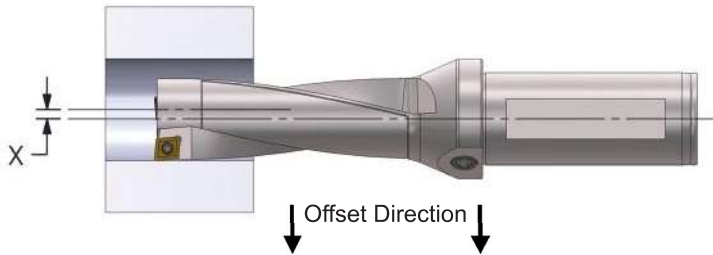
Coolant Thru

Designation	D	d	d1	L3	L1	L2	Insert	Screw	Price * Coated	Price								
UD-0625-4D-063	.625					2.815	WCMX 1.81.52	MTS-255	\$192.02	\$173.37								
UD-0656-4D-063	.656	.625	.987	1.687	3.720	2.847			T-7-S Wrench	\$192.02	\$173.37							
UD-0687-4D-063	.687					2.878				\$192.02	\$173.37							
UD-0719-4D-063	.719					2.911				\$192.02	\$173.37							
UD-0750-4D-075	.750										3.698	WCMX 21.52	MTS 25-DR	\$224.94	\$192.02			
UD-0781-4D-075	.781	.750	1.220	2.000	4.763	3.729	T-8-S Wrench	\$224.94	\$192.02									
UD-0812-4D-075	.812					3.761		\$224.94	\$192.02									
UD-0844-4D-075	.844					3.792		\$224.94	\$192.02									
UD-0875-4D-075	.875					3.824		\$224.94	\$192.02									
UD-0906-4D-075	.906					3.855		\$224.94	\$192.02									
UD-0937-4D-075	.937					3.885		\$224.94	\$192.02									
UD-0968-4D-075	.968					3.918		\$224.94	\$192.02									
UD-1000-4D-100	1.000										4.635			WCMX 2.522	MTS 3-DR	\$263.34	\$211.77	
UD-1031-4D-100	1.031					1.000		1.450	2.375	5.685	4.666					T-9-S Wrench	\$263.34	\$211.77
UD-1062-4D-100	1.062										4.696						\$263.34	\$211.77
UD-1094-4D-100	1.094										4.728						\$263.34	\$211.77
UD-1125-4D-100	1.125										4.760	\$263.34	\$211.77					
UD-1156-4D-100	1.156	4.792	\$263.34	\$211.77														
UD-1187-4D-100	1.187	4.822	\$263.34	\$211.77														
UD-1219-4D-100	1.219	4.864	\$263.34	\$211.77														
UD-1250-4D-125	1.250						5.585				WCMX 32.52	MTS 35-DR	\$308.33				\$250.17	
UD-1312-4D-125	1.312	1.250	1.730	2.619	6.760		5.646						T-10-S Wrench				\$308.33	\$250.17
UD-1375-4D-125	1.375						5.708							\$308.33	\$250.17			
UD-1437-4D-125	1.437					5.771	\$308.33	\$250.17										
UD-1500-4D-125	1.500					6.632	\$353.31	\$289.67										
UD-1562-4D-125	1.562					1.970	7.800	7.800	6.695	\$353.31				\$289.67				
UD-1625-4D-125	1.625								6.757	\$379.65				\$308.33				
UD-1687-4D-125	1.687								6.820	\$379.65				\$308.33				
UD-1750-4D-150	1.750															7.724	WCMX 433	MTS 4-DR
UD-1812-4D-150	1.812					1.500	2.220	2.875	8.900	7.786				T-15-S Wrench	\$404.89	\$328.08		
UD-1875-4D-150	1.875									7.849	\$469.62	\$386.23						
UD-1937-4D-150	1.937	7.911	\$469.62	\$386.23														
UD-2000-4D-150	2.000	9.263	\$503.64	\$419.15														
UD-2125-4D-150	2.125	2.470	10.347	9.387	9.387					\$554.12	\$463.04							
UD-2250-4D-150	2.250				9.512					\$592.52	\$502.54							
UD-2375-4D-150	2.375				9.637					\$630.92	\$540.95							

* Coated with ION Nitride (Add -C to the end of designation)

D

DRILLING



Our Drills offer the ability to offset in turning applications to help with tolerance optimization and creation of holes larger than the drill diameter.

PATRIOT

Designation	Offset (Max)
PD1-0562-3D-075	.007
PD1-0594-3D-075	.005
PD1-0609-3D-075	.005
PD1-0625-3D-075	.015
PD1-0669-3D-075	.011
PD1-0687-3D-075	.009
PD1-0709-3D-075	.007
PD1-0734-3D-100	.019
PD1-0750-3D-100	.017
PD1-0787-3D-100	.011
PD1-0812-3D-100	.009
PD1-0844-3D-100	.005
PD1-0875-3D-100	.004
PD1-0937-3D-125	.023
PD1-0984-3D-125	.019
PD1-1000-3D-125	.017
PD1-1062-3D-125	.009
PD1-1125-3D-125	.004
PD1-1181-3D-125	.035
PD1-1250-3D-125	.027
PD1-1312-3D-125	.021
PD1-1375-3D-125	.013
PD1-1437-3D-125	.008
PD1-1500-3D-150	.039
PD1-1625-3D-150	.027
PD1-1750-3D-150	.015
PD1-1875-3D-150	.051
PD1-2000-3D-150	.039
PD1-2125-3D-150	.023

STANDARD *

Designation	Offset (Max)
UD-0437-2D-063	.018
UD-0468-2D-063	.016
UD-0500-2D-063	.014
UD-0531-2D-063	.023
UD-0562-2D-063	.021
UD-0593-2D-063	.019
UD-0625-2D-063	.023
UD-0656-2D-063	.021
UD-0687-2D-063	.019
UD-0719-2D-063	.017
UD-0750-2D-075	.024
UD-0781-2D-075	.022
UD-0812-2D-075	.021
UD-0844-2D-075	.019
UD-0875-2D-075	.017
UD-0906-2D-075	.015
UD-0937-2D-075	.013
UD-0968-2D-075	.011
UD-1000-2D-100	.029
UD-1031-2D-100	.027
UD-1062-2D-100	.025
UD-1094-2D-100	.023
UD-1125-2D-100	.021
UD-1156-2D-100	.020
UD-1187-2D-100	.018
UD-1219-2D-100	.016
UD-1250-2D-125	.035
UD-1312-2D-125	.031
UD-1343-2D-125	.029
UD-1375-2D-125	.027
UD-1437-2D-125	.023
UD-1500-2D-125	.019
UD-1562-2D-125	.015
UD-1625-2D-125	.011
UD-1687-2D-125	.008
UD-1750-2D-150	.040
UD-1812-2D-150	.036
UD-1875-2D-150	.032
UD-1937-2D-150	.028
UD-2000-2D-150	.024
UD-2125-2D-150	.017
UD-2250-2D-150	.009
UD-2375-2D-150	.001

* 2XD Only



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DRILLING