



SYNCHRONOUS SOLUTION

AN MI TOOLS



Solid Products - High Quality - Best Price

CÔNG NGHỆ CỐT LÕI

Core technologies

Thiêu kết hợp kim
Carbide sintering

Mài & đánh bóng siêu âm
Grinding & ultrasonic polishing

Gia công đa trục
Multi-axis machining

ANMI TOOLS

6

CÔNG NGHỆ
CỐT LÕI

6 core technologies

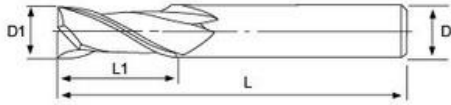
Hàn, Phủ PVD chân không
Welding, vacuum PVD coating

Erosion inwire & disc form
Erosion dạng dây & đĩa

Laser cutting super hard material
Cắt laser vật liệu siêu cứng

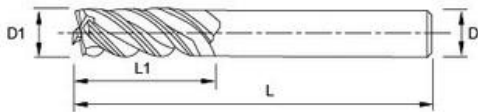
Cùng với việc đẩy mạnh đầu tư và hoàn thiện 6 công nghệ cốt lõi như thiêu kết hợp kim, mài - gia công CNC đa trục, erosion, laser, phủ PVD, đánh bóng siêu âm. Chúng tôi đã khép kín hoàn toàn việc chế tạo dụng cụ cắt và gia công CNC chính xác cao tại Việt Nam.

2-Flute End Mill



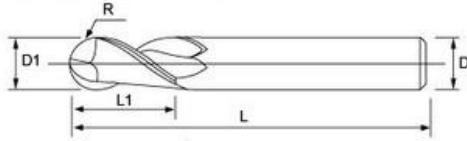
Oder No	D1	L1	D	L
DP210001	1.00	2.50	4.00	50.00
DP210002	2.00	5.00	4.00	50.00
DP210003	3.00	8.00	4.00	50.00
DP210004	4.00	10.00	4.00	50.00
DP210005	5.00	13.00	6.00	50.00
DP210006	6.00	15.00	6.00	50.00
DP210008	8.00	20.00	8.00	60.00
DP210010	10.00	25.00	10.00	75.00
DP210012	12.00	30.00	12.00	75.00
DP210014	14.00	35.00	14.00	80.00
DP210016	16.00	40.00	16.00	90.00
DP210018	18.00	45.00	18.00	100.00
DP210020	20.00	45.00	20.00	100.00

4-Flute End Mill



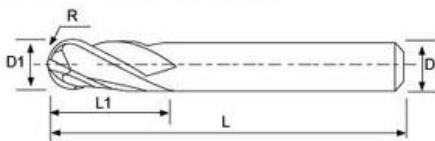
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DP220005	5.00	13.00	6.00	50.00
DP220006	6.00	15.00	6.00	50.00
DP220008	8.00	20.00	8.00	60.00
DP220010	10.00	25.00	10.00	75.00
DP220012	12.00	30.00	12.00	75.00
DP220014	14.00	35.00	14.00	80.00
DP220016	16.00	40.00	16.00	90.00
DP220018	18.00	45.00	18.00	100.00
DP220020	20.00	45.00	20.00	100.00

2-Ball End Mill



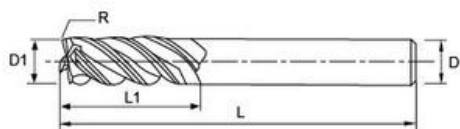
Oder No	D1	R	L1	D	L
DC230001	1.00	R0.50	2.50	4.00	50.00
DC230002	2.00	R1.00	5.00	4.00	50.00
DC230003	3.00	R1.50	8.00	4.00	50.00
DC230004	4.00	R2.00	10.00	4.00	50.00
DC230005	5.00	R2.50	13.00	6.00	50.00
DC230006	6.00	R3.00	15.00	6.00	50.00
DC230008	8.00	R4.00	20.00	8.00	60.00
DC230010	10.00	R5.00	25.00	10.00	75.00
DC230012	12.00	R6.00	30.00	12.00	75.00
DC230014	14.00	R7.00	35.00	14.00	80.00
DC230016	16.00	R8.00	40.00	16.00	90.00
DC230018	18.00	R9.00	45.00	18.00	100.00
DC230020	20.00	R10.00	45.00	20.00	100.00

4-Ball End Mill



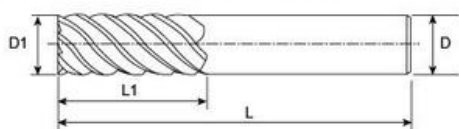
Oder No	D1	R	L1	D	L
DC240001	1.00	R0.50	2.50	4.00	50.00
DC240002	2.00	R1.00	5.00	4.00	50.00
DC240003	3.00	R1.50	8.00	4.00	50.00
DC240004	4.00	R2.00	10.00	4.00	50.00
DC240005	5.00	R2.50	13.00	6.00	50.00
DC240006	6.00	R3.00	15.00	6.00	50.00
DC240008	8.00	R4.00	20.00	8.00	60.00
DC240010	10.00	R5.00	25.00	10.00	75.00
DC240012	12.00	R6.00	30.00	12.00	75.00
DC240014	14.00	R7.00	35.00	14.00	80.00
DC240016	16.00	R8.00	40.00	16.00	90.00
DC240018	18.00	R9.00	45.00	18.00	100.00
DC240020	20.00	R10.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



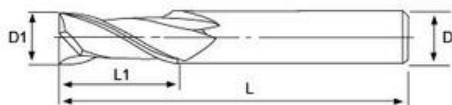
Oder No	D1	R	L1	D	L
DP250002	2.00	R0.20	5.00	4.00	50.00
DP250003	3.00	R0.20	8.00	4.00	50.00
DP250004	4.00	R0.20	10.00	4.00	50.00
DP250005	5.00	R0.20	13.00	6.00	50.00
DP250006	6.00	R0.30	15.00	6.00	50.00
DP250008	8.00	R0.30	20.00	8.00	60.00
DP250010	10.00	R0.50	25.00	10.00	75.00
DP250012	12.00	R0.50	30.00	12.00	75.00
DP250014	14.00	R1.00	35.00	14.00	80.00
DP250016	16.00	R1.00	40.00	16.00	90.00
DP250018	18.00	R2.00	45.00	18.00	100.00
DP250020	20.00	R2.00	45.00	20.00	100.00

6-Flute End Mill



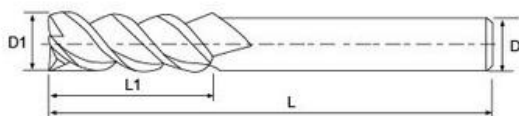
Oder No	D1	L1	D	L
DP260006	6.00	15.00	6.00	50.00
DP260008	8.00	20.00	8.00	60.00
DP260010	10.00	25.00	10.00	75.00
DP260012	12.00	30.00	12.00	75.00
DP260014	14.00	35.00	14.00	80.00
DP260016	16.00	40.00	16.00	90.00
DP260018	18.00	45.00	18.00	100.00
DP260020	20.00	45.00	20.00	100.00
DP260006L	6.00	35.00	6.00	75.00
DP260008L	8.00	40.00	8.00	100.00
DP260010L	10.00	45.00	10.00	100.00
DP260012L	12.00	45.00	12.00	100.00

2-Flute Aluminum End Mill



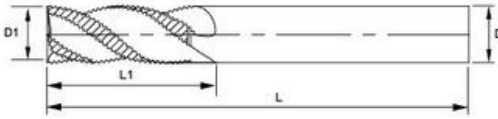
Oder No	D1	L1	D	L
DP270002	2.00	5.00	4.00	50.00
DP270003	3.00	8.00	4.00	50.00
DP270004	4.00	10.00	4.00	50.00
DP270005	5.00	13.00	6.00	50.00
DP270006	6.00	15.00	6.00	50.00
DP270008	8.00	20.00	8.00	60.00
DP270010	10.00	25.00	10.00	75.00
DP270012	12.00	30.00	12.00	75.00
DP270014	14.00	35.00	14.00	80.00
DP270016	16.00	40.00	16.00	90.00
DP270018	18.00	45.00	18.00	100.00
DP270020	20.00	45.00	20.00	100.00

3-Flute Aluminum End Mill



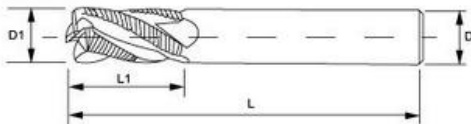
Oder No	D1	L1	D	L
DP280002	6.00	15.00	6.00	50.00
DP280003	8.00	20.00	8.00	50.00
DP280004	10.00	25.00	10.00	50.00
DP280005	12.00	30.00	12.00	50.00
DP280006	14.00	35.00	14.00	50.00
DP280008	16.00	40.00	16.00	60.00
DP280010	18.00	45.00	18.00	75.00
DP280012	20.00	45.00	20.00	75.00
DP280014	6.00	35.00	6.00	80.00
DP280016	8.00	40.00	8.00	90.00
DP280018	10.00	45.00	10.00	100.00
DP280020	12.00	45.00	12.00	100.00

3-Flute Roughing End Mill



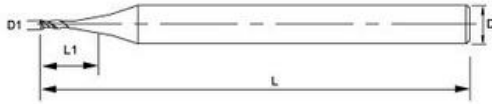
Oder No	D1	L1	D	L
DP290005	5.00	13.00	6.00	50.00
DP290006	6.00	15.00	6.00	50.00
DP290008	8.00	20.00	8.00	60.00
DP290010	10.00	25.00	10.00	75.00
DP290012	12.00	30.00	12.00	75.00
DP290014	14.00	35.00	14.00	80.00
DP290016	16.00	40.00	16.00	90.00
DP290018	18.00	45.00	18.00	100.00
DP290020	20.00	45.00	20.00	100.00
DP290006L	6.00	30.00	6.00	75.00
DP290008L	8.00	40.00	8.00	100.00
DP290010L	10.00	40.00	10.00	100.00
DP290012L	12.00	45.00	12.00	100.00

4-Flute Roughing End Mill



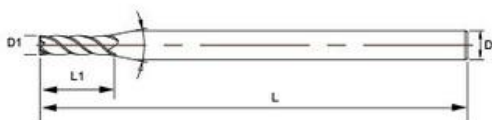
Oder No	D1	L1	D	L
DP300005	5.00	13.00	6.00	50.00
DP300006	6.00	15.00	6.00	50.00
DP300008	8.00	20.00	8.00	60.00
DP300010	10.00	25.00	10.00	75.00
DP300012	12.00	30.00	12.00	75.00
DP300014	14.00	35.00	14.00	80.00
DP300016	16.00	40.00	16.00	90.00
DP300018	18.00	45.00	18.00	100.00
DP300020	20.00	45.00	20.00	100.00
DP300006L	6.00	30.00	6.00	75.00
DP300008L	8.00	40.00	8.00	100.00
DP300010L	10.00	40.00	10.00	100.00
DP300012L	12.00	45.00	12.00	100.00

2-Flute Micro End Mill



Oder No	D1	L1	D	L
DP100001	0.20	0.40	4.00	50.00
DP100002	0.30	0.60	4.00	50.00
DP100003	0.40	0.80	4.00	50.00
DP100004	0.50	1.00	4.00	50.00
DP100005	0.60	1.20	4.00	50.00
DP100006	0.70	1.40	4.00	50.00
DP100007	0.80	1.60	4.00	50.00
DP100008	0.90	1.80	4.00	50.00
DP100009	1.00	2.50	4.00	50.00
DP100010	1.20	3.00	4.00	50.00
DP100011	1.40	3.00	4.00	50.00
DP100012	1.50	4.00	4.00	50.00
DP100013	1.60	4.00	4.00	50.00
DP100014	1.80	6.00	4.00	50.00
DP100015	2.00	6.00	4.00	50.00
DP100016	2.50	8.00	4.00	50.00
DP100017	3.00	8.00	4.00	50.00

4-Flute Micro End Mill



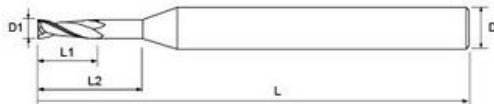
Oder No	D1	L1	D	L
DP110001	1.20	2.50	4.00	50.00
DP110002	1.40	3.00	4.00	50.00
DP110003	1.50	3.00	4.00	50.00
DP110004	1.60	4.00	4.00	50.00
DP110005	1.80	4.00	4.00	50.00
DP110006	2.00	5.00	4.00	50.00
DP110007	2.20	5.00	4.00	50.00
DP110008	2.50	8.00	4.00	50.00
DP110009	3.00	8.00	4.00	50.00
DP110010	3.50	12.00	4.00	50.00
DP110011	4.00	12.00	4.00	50.00

2-Flute Micro Ball End Mill



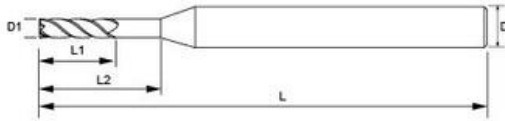
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DC120001	R0.15	0.60	4.00	50.00
DC120002	R0.20	0.80	4.00	50.00
DC120003	R0.25	1.00	4.00	50.00
DC120004	R0.30	1.20	4.00	50.00
DC120005	R0.35	1.40	4.00	50.00
DC120006	R0.40	1.60	4.00	50.00
DC120007	R0.50	2.00	4.00	50.00
DC120008	R0.60	2.40	4.00	50.00
DC120009	R0.70	2.80	4.00	50.00
DC120010	R0.75	3.20	4.00	50.00
DC120011	R0.80	3.60	4.00	50.00
DC120012	R0.90	4.00	4.00	50.00
DC120013	R1.00	4.40	4.00	50.00
DC120014	R1.50	6.00	4.00	50.00
DC120015	R2.00	8.00	4.00	50.00

2-Flute Micro Long Neck End Mill



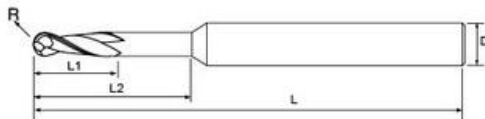
Oder No	D1	L1	L2	D	L
DP130001	0.20	1.50	10.00	4.00	50.00
DP130002	0.30	1.50	10.00	4.00	50.00
DP130003	0.40	1.50	10.00	4.00	50.00
DP130004	0.50	1.50	10.00	4.00	50.00
DP130005	0.60	2.00	16.00	4.00	50.00
DP130006	0.70	2.00	16.00	4.00	50.00
DP130007	0.80	2.00	16.00	4.00	50.00
DP130008	0.90	2.00	16.00	4.00	50.00
DP130009	1.00	2.00	16.00	4.00	50.00
DP130010	1.20	3.00	20.00	4.00	50.00
DP130011	1.40	3.00	20.00	4.00	50.00
DP130012	1.50	3.00	20.00	4.00	50.00
DP130013	1.60	5.00	20.00	4.00	50.00
DP130014	1.80	5.00	20.00	4.00	50.00
DP130015	2.00	5.00	20.00	4.00	50.00
DP130016	2.50	6.00	20.00	4.00	50.00
DP130017	3.00	6.00	20.00	4.00	50.00

4-Flute Micro Long Neck End Mill



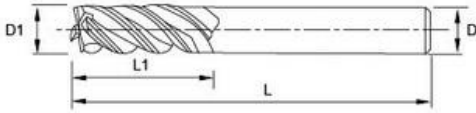
Oder No	D1	L1	L2	D	L
DP140001	1.00	1.50	10.00	4.00	50.00
DP140002	1.20	1.50	10.00	4.00	50.00
DP140003	1.40	2.00	12.00	4.00	50.00
DP140004	1.50	2.00	16.00	4.00	50.00
DP140005	1.60	2.00	16.00	4.00	50.00
DP140006	1.80	2.00	16.00	4.00	50.00
DP140007	2.00	3.00	20.00	4.00	50.00
DP140008	2.50	3.00	20.00	4.00	50.00
DP140009	3.00	4.00	20.00	4.00	50.00
DP140010	3.50	4.00	20.00	4.00	50.00
DP140011	4.00	5.00	20.00	4.00	50.00

2-Flute Micro Long Neck Ball End Mill



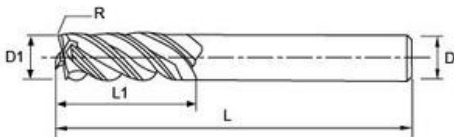
Oder No	R	L1	L2	D	L
DC150001	R0.15	0.60	10.00	4.00	50.00
DC150002	R0.20	0.80	10.00	4.00	50.00
DC150003	R0.25	1.00	10.00	4.00	50.00
DC150004	R0.30	1.00	10.00	4.00	50.00
DC150005	R0.35	1.00	10.00	4.00	50.00
DC150006	R0.40	1.00	10.00	4.00	50.00
DC150007	R0.50	1.50	10.00	4.00	50.00
DC150008	R0.60	2.00	16.00	4.00	50.00
DC150009	R0.70	2.00	16.00	4.00	50.00
DC150010	R0.75	2.00	16.00	4.00	50.00
DC150011	R0.80	2.00	16.00	4.00	50.00
DC150012	R0.90	2.00	16.00	4.00	50.00
DC150013	R1.00	3.00	16.00	4.00	50.00
DC150014	R1.50	4.00	20.00	4.00	50.00
DC150015	R2.00	5.00	20.00	4.00	50.00

4-Flute End Mill



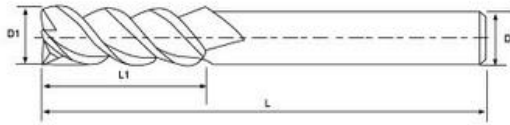
Oder No	D1	L1	D	L
DP310003	3.00	8.00	4.00	50.00
DP310004	4.00	10.00	4.00	50.00
DP310005	5.00	13.00	6.00	50.00
DP310006	6.00	15.00	6.00	50.00
DP310008	8.00	20.00	8.00	60.00
DP310010	10.00	25.00	10.00	75.00
DP310012	12.00	30.00	12.00	75.00
DP310014	14.00	35.00	14.00	80.00
DP310016	16.00	40.00	16.00	90.00
DP310018	18.00	45.00	18.00	100.00
DP310020	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



Oder No	D1	R	L1	D	L
DP320003	3.00	R0.20	8.00	4.00	50.00
DP320004	4.00	R0.20	10.00	4.00	50.00
DP320005	5.00	R0.20	13.00	6.00	50.00
DP320006	6.00	R0.30	15.00	6.00	50.00
DP320008	8.00	R0.30	20.00	8.00	60.00
DP320010	10.00	R0.50	25.00	10.00	75.00
DP320012	12.00	R0.50	30.00	12.00	75.00
DP320014	14.00	R1.00	35.00	14.00	80.00
DP320016	16.00	R1.00	40.00	16.00	90.00
DP320018	18.00	R2.00	45.00	18.00	100.00
DP320020	20.00	R2.00	45.00	20.00	100.00

3-Flute Aluminum End Mill



SUPER
MG

45°

3 Flute

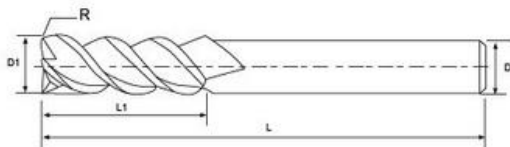
DLC

N



Oder No	D1	L1	D	L
DP330003	3.00	8.00	4.00	50.00
DP330004	4.00	10.00	4.00	50.00
DP330005	5.00	13.00	6.00	50.00
DP330006	6.00	15.00	6.00	50.00
DP330008	8.00	20.00	8.00	60.00
DP330010	10.00	25.00	10.00	75.00
DP330012	12.00	30.00	12.00	75.00
DP330014	14.00	35.00	14.00	80.00
DP330016	16.00	40.00	16.00	90.00
DP330018	18.00	45.00	18.00	100.00
DP330020	20.00	45.00	20.00	100.00

3-Flute Aluminum Corner Radius End Mill



SUPER
MG

45°

3 Flute

DLC

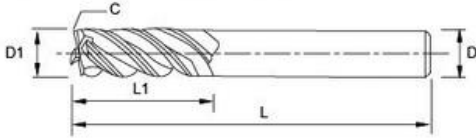
R

N



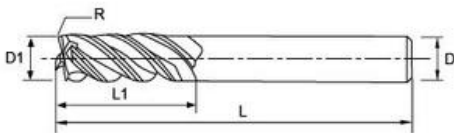
Oder No	D1	R	L1	D	L
DP340003	3.00	R0.20	8.00	4.00	50.00
DP340004	4.00	R0.20	10.00	4.00	50.00
DP340005	5.00	R0.20	13.00	6.00	50.00
DP340006	6.00	R0.30	15.00	6.00	50.00
DP340008	8.00	R0.30	20.00	8.00	60.00
DP340010	10.00	R0.50	25.00	10.00	75.00
DP340012	12.00	R0.50	30.00	12.00	75.00
DP340014	14.00	R1.00	35.00	14.00	80.00
DP340016	16.00	R1.00	40.00	16.00	90.00
DP340018	18.00	R2.00	45.00	18.00	100.00
DP340020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



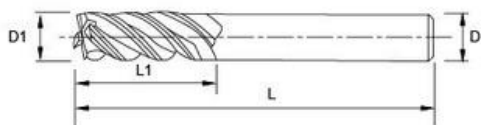
Oder No	D1	L1	D	L
DP350003	3.00	8.00	4.00	50.00
DP350004	4.00	10.00	4.00	50.00
DP350005	5.00	13.00	6.00	50.00
DP350006	6.00	15.00	6.00	50.00
DP350008	8.00	20.00	8.00	60.00
DP350010	10.00	25.00	10.00	75.00
DP350012	12.00	30.00	12.00	75.00
DP350014	14.00	35.00	14.00	80.00
DP350016	16.00	40.00	16.00	90.00
DP350018	18.00	45.00	18.00	100.00
DP350020	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



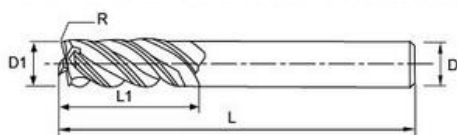
Oder No	D1	R	L1	D	L
DP360003	3.00	R0.20	8.00	4.00	50.00
DP360004	4.00	R0.20	10.00	4.00	50.00
DP360005	5.00	R0.20	13.00	6.00	50.00
DP360006	6.00	R0.30	15.00	6.00	50.00
DP360008	8.00	R0.30	20.00	8.00	60.00
DP360010	10.00	R0.50	25.00	10.00	75.00
DP360012	12.00	R0.50	30.00	12.00	75.00
DP360014	14.00	R1.00	35.00	14.00	80.00
DP360016	16.00	R1.00	40.00	16.00	90.00
DP360018	18.00	R2.00	45.00	18.00	100.00
DP360020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



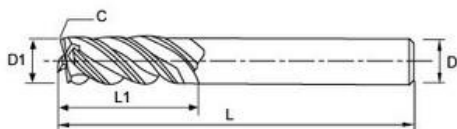
Oder No	D1	L1	D	L
DP370003	3.00	8.00	4.00	50.00
DP370004	4.00	10.00	4.00	50.00
DP370005	5.00	13.00	6.00	50.00
DP370006	6.00	15.00	6.00	50.00
DP370008	8.00	20.00	8.00	60.00
DP370010	10.00	25.00	10.00	75.00
DP370012	12.00	30.00	12.00	75.00
DP370014	14.00	35.00	14.00	80.00
DP370016	16.00	40.00	16.00	90.00
DP370018	18.00	45.00	18.00	100.00
DP370020	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



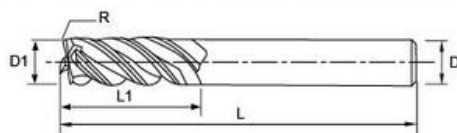
Oder No	D1	R	L1	D	L
DP380003	3.00	R0.20	8.00	4.00	50.00
DP380004	4.00	R0.20	10.00	4.00	50.00
DP380005	5.00	R0.20	13.00	6.00	50.00
DP380006	6.00	R0.30	15.00	6.00	50.00
DP380008	8.00	R0.30	20.00	8.00	60.00
DP380010	10.00	R0.50	25.00	10.00	75.00
DP380012	12.00	R0.50	30.00	12.00	75.00
DP380014	14.00	R1.00	35.00	14.00	80.00
DP380016	16.00	R1.00	40.00	16.00	90.00
DP380018	18.00	R2.00	45.00	18.00	100.00
DP380020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



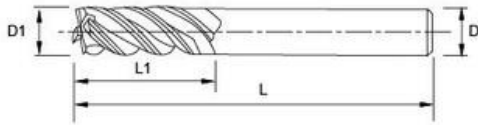
Oder No	C (Max)	D1	L1	D	L
DP390003	0.10	3.00	8.00	4.00	50.00
DP390004	0.10	4.00	10.00	4.00	50.00
DP390005	0.15	5.00	13.00	6.00	50.00
DP390006	0.15	6.00	15.00	6.00	50.00
DP390008	0.20	8.00	20.00	8.00	60.00
DP390010	0.30	10.00	25.00	10.00	75.00
DP390012	0.35	12.00	30.00	12.00	75.00
DP390014	0.35	14.00	35.00	14.00	80.00
DP390016	0.35	16.00	40.00	16.00	90.00
DP390018	0.35	18.00	45.00	18.00	100.00
DP390020	0.35	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



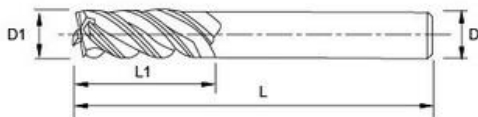
Oder No	D1	R	L1	D	L
DP400003	3.00	R0.20	8.00	4.00	50.00
DP400004	4.00	R0.20	10.00	4.00	50.00
DP400005	5.00	R0.20	13.00	6.00	50.00
DP400006	6.00	R0.30	15.00	6.00	50.00
DP400008	8.00	R0.30	20.00	8.00	60.00
DP400010	10.00	R0.50	25.00	10.00	75.00
DP400012	12.00	R0.50	30.00	12.00	75.00
DP400014	14.00	R1.00	35.00	14.00	80.00
DP400016	16.00	R1.00	40.00	16.00	90.00
DP400018	18.00	R2.00	45.00	18.00	100.00
DP400020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



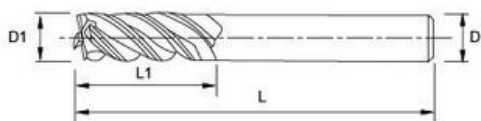
Oder No	D1	L1	D	L
DP410003	3.00	8.00	4.00	50.00
DP410004	4.00	10.00	4.00	50.00
DP410005	5.00	13.00	6.00	50.00
DP410006	6.00	15.00	6.00	50.00
DP410008	8.00	20.00	8.00	60.00
DP410010	10.00	25.00	10.00	75.00
DP410012	12.00	30.00	12.00	75.00
DP410014	14.00	35.00	14.00	80.00
DP410016	16.00	40.00	16.00	90.00
DP410018	18.00	45.00	18.00	100.00
DP410020	20.00	45.00	20.00	100.00

4-Flute End Mill



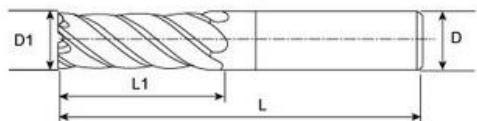
Oder No	D1	L1	D	L
DP420003	3.00	8.00	4.00	50.00
DP420004	4.00	10.00	4.00	50.00
DP420005	5.00	13.00	6.00	50.00
DP420006	6.00	15.00	6.00	50.00
DP420008	8.00	20.00	8.00	60.00
DP420010	10.00	25.00	10.00	75.00
DP420012	12.00	30.00	12.00	75.00
DP420014	14.00	35.00	14.00	80.00
DP420016	16.00	40.00	16.00	90.00
DP420018	18.00	45.00	18.00	100.00
DP420020	20.00	45.00	20.00	100.00

4-Flute End Mill



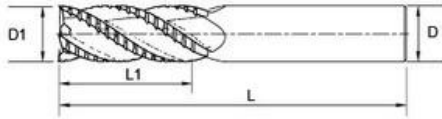
Oder No	D1	L1	D	L
DP430003	3.00	8.00	4.00	50.00
DP430004	4.00	10.00	4.00	50.00
DP430005	5.00	13.00	6.00	50.00
DP430006	6.00	15.00	6.00	50.00
DP430008	8.00	20.00	8.00	60.00
DP430010	10.00	25.00	10.00	75.00
DP430012	12.00	30.00	12.00	75.00
DP430014	14.00	35.00	14.00	80.00
DP430016	16.00	40.00	16.00	90.00
DP430018	18.00	45.00	18.00	100.00
DP430020	20.00	45.00	20.00	100.00

5-Flute End Mill



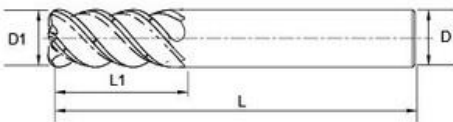
Oder No	D1	L1	D	L
DP440006	6.00	15.00	6.00	50.00
DP440008	8.00	20.00	8.00	60.00
DP440010	10.00	25.00	10.00	75.00
DP440012	12.00	30.00	12.00	75.00
DP440014	14.00	35.00	14.00	80.00
DP440016	16.00	40.00	16.00	90.00
DP440018	18.00	45.00	18.00	100.00
DP440020	20.00	45.00	20.00	100.00
DP440006L	6.00	15.00	6.00	75.00
DP440008L	8.00	20.00	8.00	100.00
DP440010L	10.00	25.00	10.00	100.00
DP440012L	12.00	30.00	12.00	100.00

4-Flute Roughing End Mill



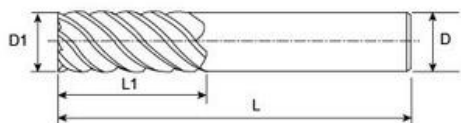
Oder No	D1	L1	D	L
DP440003	3.00	8.00	4.00	50.00
DP440004	4.00	10.00	4.00	50.00
DP440005	5.00	13.00	6.00	50.00
DP440006	6.00	15.00	6.00	50.00
DP440008	8.00	20.00	8.00	60.00
DP440010	10.00	25.00	10.00	75.00
DP440012	12.00	30.00	12.00	75.00
DP440014	14.00	35.00	14.00	80.00
DP440016	16.00	40.00	16.00	90.00
DP440018	18.00	45.00	18.00	100.00
DP440020	20.00	45.00	20.00	100.00
DP440006L	6.00	15.00	6.00	75.00
DP440008L	8.00	20.00	8.00	100.00
DP440010L	10.00	25.00	10.00	100.00
DP440012L	12.00	30.00	12.00	100.00

4-Flute End Mill



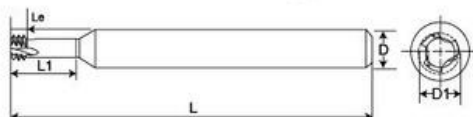
Oder No	D1	L1	D	L
DP460003	3.00	8.00	4.00	50.00
DP460004	4.00	10.00	4.00	50.00
DP460005	5.00	13.00	6.00	50.00
DP460006	6.00	15.00	6.00	50.00
DP460008	8.00	20.00	8.00	60.00
DP460010	10.00	25.00	10.00	75.00
DP460012	12.00	30.00	12.00	75.00
DP460014	14.00	35.00	14.00	80.00
DP460016	16.00	40.00	16.00	90.00
DP460018	18.00	45.00	18.00	100.00
DP460020	20.00	45.00	20.00	100.00

6-Flute End Mill



Oder No	D1	L1	D	L
DP440006	6.00	16.00	6.00	50.00
DP440008	8.00	20.00	8.00	60.00
DP440010	10.00	25.00	10.00	75.00
DP440012	12.00	30.00	12.00	75.00
DP440014	14.00	35.00	14.00	80.00
DP440016	16.00	40.00	16.00	90.00
DP440018	18.00	45.00	18.00	100.00
DP440020	20.00	45.00	20.00	100.00
DP440006L	6.00	15.00	6.00	75.00
DP440008L	8.00	20.00	8.00	100.00
DP440010L	10.00	25.00	10.00	100.00
DP440012L	12.00	30.00	12.00	100.00

Thread milling endmills



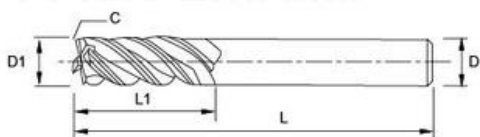
Oder No	M	D	D1	L1	F	L
DR480001	M1.0*0.25	4.00	0.73	2.30	3.00	50.00
DR480002	M1.2*0.25	4.00	0.92	2.80	3.00	50.00
DR480003	M1.4*0.30	4.00	1.05	3.20	3.00	50.00
DR480004	M1.6*0.35	4.00	1.20	3.40	3.00	50.00
DR480005	M1.8*0.35	4.00	1.40	4.00	3.00	50.00
DR480006	M2.0*0.40	4.00	1.55	4.20	3.00	50.00
DR480007	M2.5*0.45	4.00	1.95	5.20	3.00	50.00
DR480008	M3.0*0.50	4.00	2.40	6.20	3.00	50.00
DR480009	M3.5*0.60	4.00	2.75	7.30	3.00	50.00
DR480010	M4.0*0.70	4.00	3.15	8.30	3.00	50.00
DR480011	M5.0*0.80	6.00	4.05	10.40	3.00	50.00
DR480012	M6.0*1.00	6.00	4.80	12.50	3.00	50.00
DR480013	M8.0*1.25	8.00	6.50	16.60	4.00	60.00
DR480014	M10*1.50	10.00	8.20	20.80	4.00	75.00
DR480015	M12*1.75	10.00	9.90	25.00	4.00	75.00
DR480016	M14*2.00	12.00	11.60	30.00	4.00	75.00
DR480017	M16*2.00	12.00	11.90	33.00	4.00	80.00
DR480018	M20*2.50	16.00	15.90	41.30	5.00	100.00

Thread milling endmills



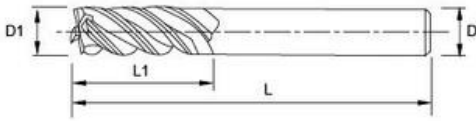
Oder No	M	D	D1	L1	F	L
DR490003	M3.0*0.50	4.00	2.40	6.00	3.00	12.00
DR490004	M4.0*0.70	4.00	3.15	8.00	3.00	12.00
DR490005	M5.0*1.00	4.00	4.05	10.00	3.00	13.00
DR490006	M6.0*1.25	6.00	4.80	12.00	3.00	12.00
DR490008	M8.0*1.25	8.00	6.50	16.25	4.00	13.00
DR490010	M10*1.50	10.00	8.20	21.00	4.00	14.00
DR490012	M12*2.00	10.00	9.90	24.50	4.00	14.00
DR490014	M14*2.00	12.00	11.60	28.00	4.00	14.00
DR490016	M16*2.00	14.00	13.60	32.00	4.00	16.00
DR490018	M18*2.50	16.00	14.80	36.00	4.00	14.00
DR490020	M20*2.50	18.00	17.10	40.00	4.00	16.00
DR490024	M24*3.00	20.00	19.90	50.00	4.00	16.00
DR490031	★M8.0*1.00	6.00	5.90	16.00	3.00	16.00
DR490032	★M10*1.00	8.00	7.90	20.00	3.00	20.00
DR490033	★M12*1.00	10.00	9.90	24.00	4.00	24.00
DR490034	★M10*1.25	8.00	7.70	20.00	3.00	16.00
DR490035	★M12*1.50	10.00	9.40	24.00	4.00	16.00
DR490036	★M14*1.50	12.00	11.20	28.50	4.00	19.00
DR490037	★M16*1.50	12.00	11.90	33.00	4.00	22.00
DR490038	★M20*2.00	12.00	11.90	32.00	4.00	16.00

4-Flute End Mill



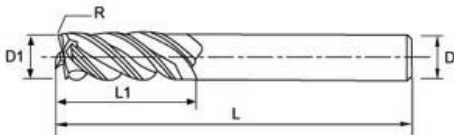
Oder No	C (max)	D1	L1	D	L
DP500003	0.10	3.00	8.00	4.00	50.00
DP500004	0.10	4.00	10.00	4.00	50.00
DP500005	0.15	5.00	13.00	6.00	50.00
DP500006	0.15	6.00	15.00	6.00	50.00
DP500008	0.20	8.00	20.00	8.00	60.00
DP500010	0.30	10.00	25.00	10.00	75.00
DP500012	0.35	12.00	30.00	12.00	75.00
DP500014	0.35	14.00	35.00	14.00	80.00
DP500016	0.35	16.00	40.00	16.00	90.00
DP500018	0.35	18.00	45.00	18.00	100.00
DP500020	0.35	20.00	45.00	20.00	100.00

4-Flute End Mill



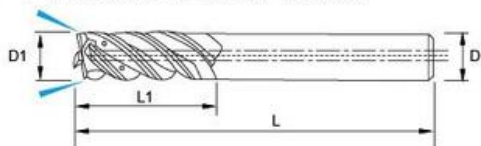
Oder No	D1	L1	D	L
DP510003	3.00	8.00	4.00	50.00
DP510004	4.00	10.00	4.00	50.00
DP510005	5.00	13.00	6.00	50.00
DP510006	6.00	15.00	6.00	50.00
DP510008	8.00	20.00	8.00	60.00
DP510010	10.00	25.00	10.00	75.00
DP510012	12.00	30.00	12.00	75.00
DP510014	14.00	35.00	14.00	80.00
DP510016	16.00	40.00	16.00	90.00
DP510018	18.00	45.00	18.00	100.00
DP510020	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



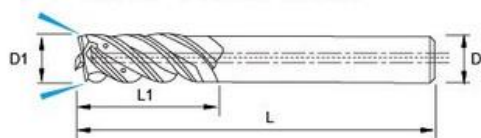
Oder No	D1	R	L1	D	L
DP520003	3.00	R0.20	8.00	4.00	50.00
DP520004	4.00	R0.20	10.00	4.00	50.00
DP520005	5.00	R0.20	13.00	6.00	50.00
DP520006	6.00	R0.30	15.00	6.00	50.00
DP520008	8.00	R0.30	20.00	8.00	60.00
DP520010	10.00	R0.50	25.00	10.00	75.00
DP520012	12.00	R0.50	30.00	12.00	75.00
DP520014	14.00	R1.00	35.00	14.00	80.00
DP520016	16.00	R1.00	40.00	16.00	90.00
DP520018	18.00	R2.00	45.00	18.00	100.00
DP520020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



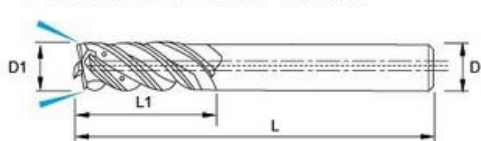
Oder No	D1	L1	D	L
DP530010	10.00	25.00	10.00	75.00
DP530012	12.00	30.00	12.00	75.00
DP530014	14.00	35.00	14.00	80.00
DP530016	16.00	40.00	16.00	90.00
DP530018	18.00	45.00	18.00	100.00
DP530020	20.00	45.00	20.00	100.00

4-Flute End Mill



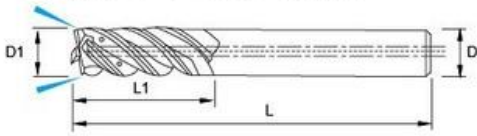
Oder No	D1	L1	D	L
DP540010	10.00	25.00	10.00	75.00
DP540012	12.00	30.00	12.00	75.00
DP540014	14.00	35.00	14.00	80.00
DP540016	16.00	40.00	16.00	90.00
DP540018	18.00	45.00	18.00	100.00
DP540020	20.00	45.00	20.00	100.00

4-Flute End Mill



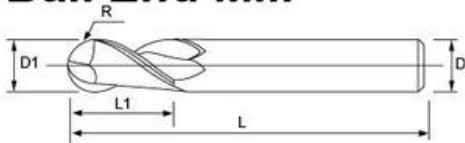
Oder No	D1	L1	D	L
DP550010	10.00	25.00	10.00	75.00
DP550012	12.00	30.00	12.00	75.00
DP550014	14.00	35.00	14.00	80.00
DP550016	16.00	40.00	16.00	90.00
DP550018	18.00	45.00	18.00	100.00
DP550020	20.00	45.00	20.00	100.00

4-Flute End Mill



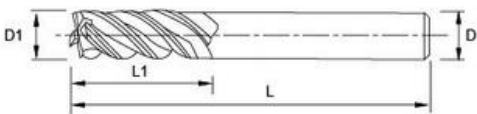
Oder No	D1	L1	D	L
DP560010	10.00	25.00	10.00	75.00
DP560012	12.00	30.00	12.00	75.00
DP560014	14.00	35.00	14.00	80.00
DP560016	16.00	40.00	16.00	90.00
DP560018	18.00	45.00	18.00	100.00
DP560020	20.00	45.00	20.00	100.00

2-Ball End Mill



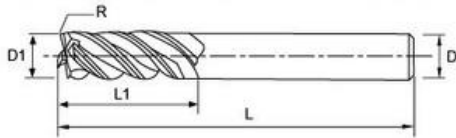
Oder No	D1	R	L1	D	L
DC600003	3.00	R1.50	4.50	4.00	50.00
DC600004	4.00	R2.00	6.00	4.00	50.00
DC600005	5.00	R2.50	7.50	6.00	50.00
DC600006	6.00	R3.00	9.00	6.00	50.00
DC600008	8.00	R4.00	12.00	8.00	60.00
DC600010	10.00	R5.00	15.00	10.00	75.00
DC600012	12.00	R6.00	18.00	12.00	75.00
DC600014	14.00	R7.00	21.00	14.00	80.00
DC600016	16.00	R8.00	24.00	16.00	90.00
DC600018	18.00	R9.00	27.00	18.00	100.00
DC600020	20.00	R10.00	30.00	20.00	100.00

4-Flute End Mill



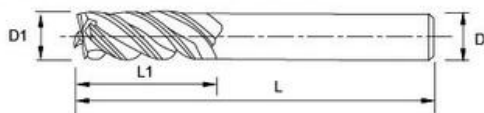
Oder No	D1	L1	D	L
DP610003	3.00	8.00	4.00	50.00
DP610004	4.00	10.00	4.00	50.00
DP610005	5.00	13.00	6.00	50.00
DP610006	6.00	15.00	6.00	50.00
DP610008	8.00	20.00	8.00	60.00
DP610010	10.00	25.00	10.00	75.00
DP610012	12.00	30.00	12.00	75.00
DP610014	14.00	35.00	14.00	80.00
DP610016	16.00	40.00	16.00	90.00
DP610018	18.00	45.00	18.00	100.00
DP610020	20.00	45.00	20.00	100.00

4-Flute Corner Radius End Mill



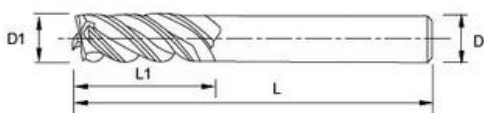
Oder No	D1	R	L1	D	L
DP620003	3.00	R0.20	8.00	4.00	50.00
DP620004	4.00	R0.20	10.00	4.00	50.00
DP620005	5.00	R0.20	13.00	6.00	50.00
DP620006	6.00	R0.30	15.00	6.00	50.00
DP620008	8.00	R0.30	20.00	8.00	60.00
DP620010	10.00	R0.50	25.00	10.00	75.00
DP620012	12.00	R0.50	30.00	12.00	75.00
DP620014	14.00	R1.00	35.00	14.00	80.00
DP620016	16.00	R1.00	40.00	16.00	90.00
DP620018	18.00	R2.00	45.00	18.00	100.00
DP620020	20.00	R2.00	45.00	20.00	100.00

4-Flute End Mill



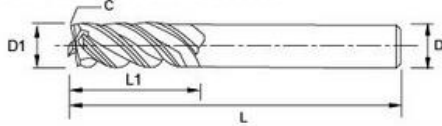
Oder No	D1	L1	D	L
DP900003	1/8"	1/2"	1/8"	1-1/2"
DP900005	3/16"	5/8"	3/16"	2"
DP900006	1/4"	3/4"	1/4"	2-1/2"
DP900008	5/16"	3/4"	5/16"	2-1/2"
DP900010	3/8"	7/8"	3/8"	2-1/2"
DP900011	7/16"	1"	7/16"	2-3/4"
DP900012	1/2"	1-1/4"	1/2"	3"
DP900014	5/8"	1-1/4"	5/8"	3-1/2"
DP900016	3/4"	1-1/2"	3/4"	4"
DP900020	1"	1-1/2"	1"	4"

4-Flute End Mill



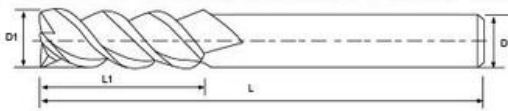
Oder No	D1	L1	D	L
DP910003	1/8"	1/2"	1/8"	1-1/2"
DP910005	3/16"	5/8"	3/16"	2"
DP910006	1/4"	3/4"	1/4"	2-1/2"
DP910008	5/16"	3/4"	5/16"	2-1/2"
DP910010	3/8"	7/8"	3/8"	2-1/2"
DP910011	7/16"	1"	7/16"	2-3/4"
DP910012	1/2"	1-1/4"	1/2"	3"
DP910014	5/8"	1-1/4"	5/8"	3-1/2"
DP910016	3/4"	1-1/2"	3/4"	4"
DP910020	1"	1-1/2"	1"	4"

4-Flute End Mill



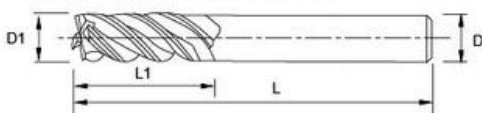
Oder No	C (Max)	D1	L1	D	L
DP920003	0.010"x45°	1/8"	1/2"	1/8"	1-1/2"
DP920005	0.010"x45°	3/16"	5/8"	3/16"	2"
DP920006	0.010"x45°	1/4"	3/4"	1/4"	2-1/2"
DP920008	0.010"x45°	5/16"	3/4"	5/16"	2-1/2"
DP920010	0.020"x45°	3/8"	7/8"	3/8"	2-1/2"
DP920011	0.020"x45°	7/16"	1"	7/16"	2-3/4"
DP920012	0.020"x45°	1/2"	1-1/4"	1/2"	3"
DP920014	0.020"x45°	5/8"	1-1/4"	5/8"	3-1/2"
DP920016	0.020"x45°	3/4"	1-1/2"	3/4"	4"
DP920020	0.020"x45°	1"	1-1/2"	1"	4"

3-Flute Aluminum End Mill



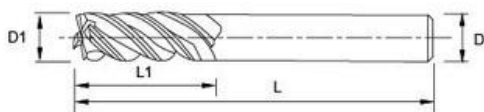
Oder No	D1	L1	D	L
DP930003	1/8"	1/2"	1/8"	1-1/2"
DP930005	3/16"	5/8"	3/16"	2"
DP930006	1/4"	3/4"	1/4"	2-1/2"
DP930008	5/16"	3/4"	5/16"	2-1/2"
DP930010	3/8"	7/8"	3/8"	2-1/2"
DP930011	7/16"	1"	7/16"	2-3/4"
DP930012	1/2"	1-1/4"	1/2"	3"
DP930014	5/8"	1-1/4"	5/8"	3-1/2"
DP930016	3/4"	1-1/2"	3/4"	4"
DP930020	1"	1-1/2"	1"	4"

4-Flute End Mill



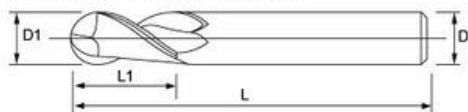
Oder No	D1	L1	D	L
DP940003	1/8"	1/2"	1/8"	1-1/2"
DP940005	3/16"	5/8"	3/16"	2"
DP940006	1/4"	3/4"	1/4"	2-1/2"
DP940008	5/16"	3/4"	5/16"	2-1/2"
DP940010	3/8"	7/8"	3/8"	2-1/2"
DP940011	7/16"	1"	7/16"	2-3/4"
DP940012	1/2"	1-1/4"	1/2"	3"
DP940014	5/8"	1-1/4"	5/8"	3-1/2"
DP940016	3/4"	1-1/2"	3/4"	4"
DP940020	1"	1-1/2"	1"	4"

4-Flute End Mill



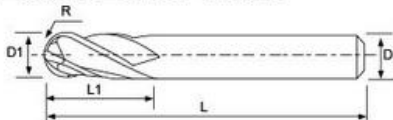
Oder No	D1	L1	D	L
DP950003	1/8"	1/2"	1/8"	1-1/2"
DP950005	3/16"	5/8"	3/16"	2"
DP950006	1/4"	3/4"	1/4"	2-1/2"
DP950008	5/16"	3/4"	5/16"	2-1/2"
DP950010	3/8"	7/8"	3/8"	2-1/2"
DP950011	7/16"	1"	7/16"	2-3/4"
DP950012	1/2"	1-1/4"	1/2"	3"
DP950014	5/8"	1-1/4"	5/8"	3-1/2"
DP950016	3/4"	1-1/2"	3/4"	4"
DP950020	1"	1-1/2"	1"	4"

2-Ball End Mill



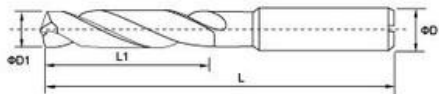
Oder No	D1	L1	D	L
DC960003	1/8"	5/16"	1/8"	1-1/2"
DC960005	3/16"	3/8"	3/16"	2"
DC960006	1/4"	5/8"	1/4"	2-1/2"
DC960008	5/16"	3/4"	5/16"	2-1/2"
DC960010	3/8"	7/8"	3/8"	2-1/2"
DC960011	7/16"	1"	7/16"	2-3/4"
DC960012	1/2"	1"	1/2"	3"
DC960014	5/8"	1-1/4"	5/8"	3-1/2"
DC960016	3/4"	1-1/4"	3/4"	4"
DC960020	1"	1-1/4"	1"	4"

4-Ball End Mill



Oder No	D1	L1	D	L
DC970003	1/8"	5/16"	1/8"	1-1/2"
DC970005	3/16"	3/8"	3/16"	2"
DC970006	1/4"	5/8"	1/4"	2-1/2"
DC970008	5/16"	3/4"	5/16"	2-1/2"
DC970010	3/8"	7/8"	3/8"	2-1/2"
DC970011	7/16"	1"	7/16"	2-3/4"
DC970012	1/2"	1"	1/2"	3"
DC970014	5/8"	1-1/4"	5/8"	3-1/2"
DC970016	3/4"	1-1/4"	3/4"	4"
DC970020	1"	1-1/4"	1"	4"

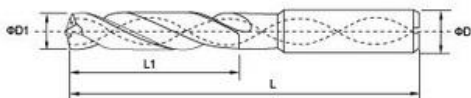
Carbide Drills 3XD



Oder No	D1	L	L1	D
DK30000300	3.00	62.00	20.00	6.00
DK30000310	3.10	62.00	20.00	6.00
DK30000320	3.20	62.00	20.00	6.00
DK30000330	3.30	62.00	20.00	6.00
DK30000340	3.40	62.00	20.00	6.00
DK30000350	3.50	62.00	20.00	6.00
DK30000360	3.60	62.00	20.00	6.00
DK30000370	3.70	62.00	20.00	6.00
DK30000380	3.80	66.00	24.00	6.00
DK30000390	3.90	66.00	24.00	6.00
DK30000400	4.00	66.00	24.00	6.00
DK30000410	4.10	66.00	24.00	6.00
DK30000420	4.20	66.00	24.00	6.00
DK30000430	4.30	66.00	24.00	6.00
DK30000440	4.40	66.00	24.00	6.00
DK30000450	4.50	66.00	24.00	6.00
DK30000460	4.60	66.00	24.00	6.00
DK30000470	4.70	66.00	24.00	6.00
DK30000480	4.80	66.00	28.00	6.00
DK30000490	4.90	66.00	28.00	6.00
DK30000500	5.00	66.00	28.00	6.00
DK30000510	5.10	66.00	28.00	6.00
DK30000520	5.20	66.00	28.00	6.00
DK30000530	5.30	66.00	28.00	6.00
DK30000540	5.40	66.00	28.00	6.00
DK30000550	5.50	66.00	28.00	6.00
DK30000560	5.60	66.00	28.00	6.00
DK30000570	5.70	66.00	28.00	6.00
DK30000580	5.80	66.00	28.00	6.00
DK30000590	5.90	66.00	28.00	6.00
DK30000600	6.00	66.00	28.00	6.00
DK30000610	6.10	79.00	34.00	8.00
DK30000620	6.20	79.00	34.00	8.00
DK30000630	6.30	79.00	34.00	8.00
DK30000640	6.40	79.00	34.00	8.00
DK30000650	6.50	79.00	34.00	8.00
DK30000660	6.60	79.00	34.00	8.00
DK30000670	6.70	79.00	34.00	8.00
DK30000680	6.80	79.00	34.00	8.00
DK30000690	6.90	79.00	34.00	8.00
DK30000700	7.00	79.00	34.00	8.00
DK30000710	7.10	79.00	41.00	8.00
DK30000720	7.20	79.00	41.00	8.00
DK30000730	7.30	79.00	41.00	8.00
DK30000740	7.40	79.00	41.00	8.00
DK30000750	7.50	79.00	41.00	8.00
DK30000760	7.60	79.00	41.00	8.00
DK30000770	7.70	79.00	41.00	8.00
DK30000780	7.80	79.00	41.00	8.00
DK30000790	7.90	79.00	41.00	8.00
DK30000800	8.00	79.00	41.00	8.00
DK30000810	8.10	89.00	47.00	10.00
DK30000820	8.20	89.00	47.00	10.00
DK30000830	8.30	89.00	47.00	10.00
DK30000840	8.40	89.00	47.00	10.00
DK30000850	8.50	89.00	47.00	10.00
DK30000860	8.60	89.00	47.00	10.00
DK30000870	8.70	89.00	47.00	10.00
DK30000880	8.80	89.00	47.00	10.00
DK30000890	8.90	89.00	47.00	10.00
DK30000900	9.00	89.00	47.00	10.00
DK30000910	9.10	89.00	47.00	10.00
DK30000920	9.20	89.00	47.00	10.00
DK30000930	9.30	89.00	47.00	10.00
DK30000940	9.40	89.00	47.00	10.00
DK30000950	9.50	89.00	47.00	10.00
DK30000960	9.60	89.00	47.00	10.00
DK30000970	9.70	89.00	47.00	10.00
DK30000980	9.80	89.00	47.00	10.00
DK30000990	9.90	89.00	47.00	10.00

Oder No	D1	L	L1	D
DK30001000	10.00	89.00	47.00	10.00
DK30001010	10.10	102.00	55.00	12.00
DK30001020	10.20	102.00	55.00	12.00
DK30001030	10.30	102.00	55.00	12.00
DK30001040	10.40	102.00	55.00	12.00
DK30001050	10.50	102.00	55.00	12.00
DK30001060	10.60	102.00	55.00	12.00
DK30001070	10.70	102.00	55.00	12.00
DK30001080	10.80	102.00	55.00	12.00
DK30001090	10.90	102.00	55.00	12.00
DK30001100	11.00	102.00	55.00	12.00
DK30001110	11.10	102.00	55.00	12.00
DK30001120	11.20	102.00	55.00	12.00
DK30001130	11.30	102.00	55.00	12.00
DK30001140	11.40	102.00	55.00	12.00
DK30001150	11.50	102.00	55.00	12.00
DK30001160	11.60	102.00	55.00	12.00
DK30001170	11.70	102.00	55.00	12.00
DK30001180	11.80	102.00	55.00	12.00
DK30001190	11.90	102.00	55.00	12.00
DK30001200	12.00	102.00	55.00	12.00
DK30001210	12.10	107.00	60.00	14.00
DK30001220	12.20	107.00	60.00	14.00
DK30001230	12.30	107.00	60.00	14.00
DK30001240	12.40	107.00	60.00	14.00
DK30001250	12.50	107.00	60.00	14.00
DK30001260	12.60	107.00	60.00	14.00
DK30001270	12.70	107.00	60.00	14.00
DK30001280	12.80	107.00	60.00	14.00
DK30001290	12.90	107.00	60.00	14.00
DK30001300	13.00	107.00	60.00	14.00
DK30001310	13.10	107.00	60.00	14.00
DK30001320	13.20	107.00	60.00	14.00
DK30001330	13.30	107.00	60.00	14.00
DK30001340	13.40	107.00	60.00	14.00
DK30001350	13.50	107.00	60.00	14.00
DK30001360	13.60	107.00	60.00	14.00
DK30001370	13.70	107.00	60.00	14.00
DK30001380	13.80	107.00	60.00	14.00
DK30001390	13.90	107.00	60.00	14.00
DK30001400	14.00	107.00	60.00	14.00
DK30001410	14.10	115.00	65.00	16.00
DK30001420	14.20	115.00	65.00	16.00
DK30001430	14.30	115.00	65.00	16.00
DK30001440	14.40	115.00	65.00	16.00
DK30001450	14.50	115.00	65.00	16.00
DK30001460	14.60	115.00	65.00	16.00
DK30001470	14.70	115.00	65.00	16.00
DK30001480	14.80	115.00	65.00	16.00
DK30001490	14.90	115.00	65.00	16.00
DK30001500	15.00	115.00	65.00	16.00
DK30001510	15.10	115.00	65.00	16.00
DK30001520	15.20	115.00	65.00	16.00
DK30001530	15.30	115.00	65.00	16.00
DK30001540	15.40	115.00	65.00	16.00
DK30001550	15.50	115.00	65.00	16.00
DK30001560	15.60	115.00	65.00	16.00
DK30001570	15.70	115.00	65.00	16.00
DK30001580	15.80	115.00	65.00	16.00
DK30001590	15.90	115.00	65.00	16.00
DK30001600	16.00	115.00	65.00	16.00
DK30001650	16.50	123.00	73.00	18.00
DK30001700	17.00	123.00	73.00	18.00
DK30001750	17.50	123.00	73.00	18.00
DK30001800	18.00	123.00	73.00	18.00
DK30001850	18.50	131.00	79.00	20.00
DK30001880	18.80	131.00	79.00	20.00
DK30001900	19.00	131.00	79.00	20.00
DK30001950	19.50	131.00	79.00	20.00
DK30002000	20.00	131.00	79.00	20.00

Carbide Drills 3XD



Oder No	D1	L	L1	D
DK30100300	3.00	62.00	20.00	6.00
DK30100310	3.10	62.00	20.00	6.00
DK30100320	3.20	62.00	20.00	6.00
DK30100330	3.30	62.00	20.00	6.00
DK30100340	3.40	62.00	20.00	6.00
DK30100350	3.50	62.00	20.00	6.00
DK30100360	3.60	62.00	20.00	6.00
DK30100370	3.70	62.00	20.00	6.00
DK30100380	3.80	66.00	24.00	6.00
DK30100390	3.90	66.00	24.00	6.00
DK30100400	4.00	66.00	24.00	6.00
DK30100410	4.10	66.00	24.00	6.00
DK30100420	4.20	66.00	24.00	6.00
DK30100430	4.30	66.00	24.00	6.00
DK30100440	4.40	66.00	24.00	6.00
DK30100450	4.50	66.00	24.00	6.00
DK30100460	4.60	66.00	24.00	6.00
DK30100470	4.70	66.00	24.00	6.00
DK30100480	4.80	66.00	28.00	6.00
DK30100490	4.90	66.00	28.00	6.00
DK30100500	5.00	66.00	28.00	6.00
DK30100510	5.10	66.00	28.00	6.00
DK30100520	5.20	66.00	28.00	6.00
DK30100530	5.30	66.00	28.00	6.00
DK30100540	5.40	66.00	28.00	6.00
DK30100550	5.50	66.00	28.00	6.00
DK30100560	5.60	66.00	28.00	6.00
DK30100570	5.70	66.00	28.00	6.00
DK30100580	5.80	66.00	28.00	6.00
DK30100590	5.90	66.00	28.00	6.00
DK30100600	6.00	66.00	28.00	6.00
DK30100610	6.10	79.00	34.00	8.00
DK30100620	6.20	79.00	34.00	8.00
DK30100630	6.30	79.00	34.00	8.00
DK30100640	6.40	79.00	34.00	8.00
DK30100650	6.50	79.00	34.00	8.00
DK30100660	6.60	79.00	34.00	8.00
DK30100670	6.70	79.00	34.00	8.00
DK30100680	6.80	79.00	34.00	8.00
DK30100690	6.90	79.00	34.00	8.00
DK30100700	7.00	79.00	34.00	8.00
DK30100710	7.10	79.00	41.00	8.00
DK30100720	7.20	79.00	41.00	8.00
DK30100730	7.30	79.00	41.00	8.00
DK30100740	7.40	79.00	41.00	8.00
DK30100750	7.50	79.00	41.00	8.00
DK30100760	7.60	79.00	41.00	8.00
DK30100770	7.70	79.00	41.00	8.00
DK30100780	7.80	79.00	41.00	8.00
DK30100790	7.90	79.00	41.00	8.00
DK30100800	8.00	79.00	41.00	8.00
DK30100810	8.10	89.00	47.00	10.00
DK30100820	8.20	89.00	47.00	10.00
DK30100830	8.30	89.00	47.00	10.00
DK30100840	8.40	89.00	47.00	10.00
DK30100850	8.50	89.00	47.00	10.00
DK30100860	8.60	89.00	47.00	10.00
DK30100870	8.70	89.00	47.00	10.00
DK30100880	8.80	89.00	47.00	10.00
DK30100890	8.90	89.00	47.00	10.00
DK30100900	9.00	89.00	47.00	10.00
DK30100910	9.10	89.00	47.00	10.00
DK30100920	9.20	89.00	47.00	10.00
DK30100930	9.30	89.00	47.00	10.00
DK30100940	9.40	89.00	47.00	10.00
DK30100950	9.50	89.00	47.00	10.00
DK30100960	9.60	89.00	47.00	10.00
DK30100970	9.70	89.00	47.00	10.00
DK30100980	9.80	89.00	47.00	10.00
DK30100990	9.90	89.00	47.00	10.00

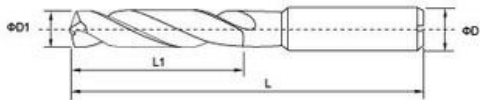
Oder No	D1	L	L1	D
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DK30101010	10.10	102.00	55.00	12.00
DK30101020	10.20	102.00	55.00	12.00
DK30101030	10.30	102.00	55.00	12.00
DK30101040	10.40	102.00	55.00	12.00
DK30101050	10.50	102.00	55.00	12.00
DK30101060	10.60	102.00	55.00	12.00
DK30101070	10.70	102.00	55.00	12.00
DK30101080	10.80	102.00	55.00	12.00
DK30101090	10.90	102.00	55.00	12.00
DK30101100	11.00	102.00	55.00	12.00
DK30101110	11.10	102.00	55.00	12.00
DK30101120	11.20	102.00	55.00	12.00
DK30101130	11.30	102.00	55.00	12.00
DK30101140	11.40	102.00	55.00	12.00
DK30101150	11.50	102.00	55.00	12.00
DK30101160	11.60	102.00	55.00	12.00
DK30101170	11.70	102.00	55.00	12.00
DK30101180	11.80	102.00	55.00	12.00
DK30101190	11.90	102.00	55.00	12.00
DK30101200	12.00	102.00	55.00	12.00
DK30101210	12.10	107.00	60.00	14.00
DK30101220	12.20	107.00	60.00	14.00
DK30101230	12.30	107.00	60.00	14.00
DK30101240	12.40	107.00	60.00	14.00
DK30101250	12.50	107.00	60.00	14.00
DK30101260	12.60	107.00	60.00	14.00
DK30101270	12.70	107.00	60.00	14.00
DK30101280	12.80	107.00	60.00	14.00
DK30101290	12.90	107.00	60.00	14.00
DK30101301	13.00	107.00	60.00	14.00
DK30101310	13.10	107.00	60.00	14.00
DK30101320	13.20	107.00	60.00	14.00
DK30101330	13.30	107.00	60.00	14.00
DK30101340	13.40	107.00	60.00	14.00
DK30101350	13.50	107.00	60.00	14.00
DK30101360	13.60	107.00	60.00	14.00
DK30101370	13.70	107.00	60.00	14.00
DK30101380	13.80	107.00	60.00	14.00
DK30101390	13.90	107.00	60.00	14.00
DK30101400	14.00	107.00	60.00	14.00
DK30101410	14.10	115.00	65.00	16.00
DK30101420	14.20	115.00	65.00	16.00
DK30101430	14.30	115.00	65.00	16.00
DK30101440	14.40	115.00	65.00	16.00
DK30101450	14.50	115.00	65.00	16.00
DK30101460	14.60	115.00	65.00	16.00
DK30101470	14.70	115.00	65.00	16.00
DK30101480	14.80	115.00	65.00	16.00
DK30101490	14.90	115.00	65.00	16.00
DK30101500	15.00	115.00	65.00	16.00
DK30101510	15.10	115.00	65.00	16.00
DK30101520	15.20	115.00	65.00	16.00
DK30101530	15.30	115.00	65.00	16.00
DK30101540	15.40	115.00	65.00	16.00
DK30101550	15.50	115.00	65.00	16.00
DK30101560	15.60	115.00	65.00	16.00
DK30101570	15.70	115.00	65.00	16.00
DK30101580	15.80	115.00	65.00	16.00
DK30101590	15.90	115.00	65.00	16.00
DK30101600	16.00	115.00	65.00	16.00
DK30101650	16.50	123.00	73.00	18.00
DK30101700	17.00	123.00	73.00	18.00
DK30101750	17.50	123.00	73.00	18.00
DK30101800	18.00	123.00	73.00	18.00
DK30101850	18.50	131.00	79.00	20.00
DK30101880	18.80	131.00	79.00	20.00
DK30101900	19.00	131.00	79.00	20.00
DK30101950	19.50	131.00	79.00	20.00
DK30102000	20.00	131.00	79.00	20.00



SYNCHRONOUS SOLUTION

AN MI TOOLS

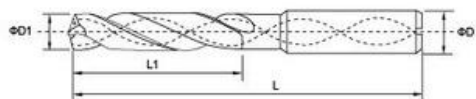
Carbide Drills 5XD



Oder No	D1	L	L1	D
DK50000200	2.00	38.00	12.00	3.00
DK50000205	2.05	38.00	12.00	3.00
DK50000210	2.10	38.00	12.00	3.00
DK50000215	2.15	40.00	13.00	3.00
DK50000220	2.20	40.00	13.00	3.00
DK50000225	2.25	40.00	13.00	3.00
DK50000230	2.30	40.00	13.00	3.00
DK50000235	2.35	43.00	14.00	3.00
DK50000240	2.40	40.00	14.00	3.00
DK50000245	2.45	40.00	14.00	3.00
DK50000250	2.50	40.00	14.00	3.00
DK50000255	2.55	40.00	14.00	3.00
DK50000260	2.60	40.00	14.00	3.00
DK50000265	2.65	46.00	16.00	3.00
DK50000270	2.70	46.00	16.00	3.00
DK50000275	2.75	46.00	16.00	3.00
DK50000280	2.80	46.00	16.00	3.00
DK50000285	2.85	46.00	16.00	3.00
DK50000290	2.90	46.00	16.00	3.00
DK50000295	2.95	46.00	16.00	3.00
DK50000300	3.00	66.00	28.00	6.00
DK50000310	3.10	66.00	28.00	6.00
DK50000320	3.20	66.00	28.00	6.00
DK50000330	3.30	66.00	28.00	6.00
DK50000340	3.40	66.00	28.00	6.00
DK50000350	3.50	66.00	28.00	6.00
DK50000360	3.60	66.00	28.00	6.00
DK50000370	3.70	66.00	28.00	6.00
DK50000380	3.80	74.00	36.00	6.00
DK50000390	3.90	74.00	36.00	6.00
DK50000400	4.00	74.00	36.00	6.00
DK50000410	4.10	74.00	36.00	6.00
DK50000420	4.20	74.00	36.00	6.00
DK50000430	4.30	74.00	36.00	6.00
DK50000440	4.40	74.00	36.00	6.00
DK50000450	4.50	74.00	36.00	6.00
DK50000460	4.60	74.00	36.00	6.00
DK50000470	4.70	74.00	36.00	6.00
DK50000480	4.80	82.00	44.00	6.00
DK50000490	4.90	82.00	44.00	6.00
DK50000500	5.00	82.00	44.00	6.00
DK50000510	5.10	82.00	44.00	6.00
DK50000520	5.20	82.00	44.00	6.00
DK50000530	5.30	82.00	44.00	6.00
DK50000540	5.40	82.00	44.00	6.00
DK50000550	5.50	82.00	44.00	6.00
DK50000560	5.60	82.00	44.00	6.00
DK50000570	5.70	82.00	44.00	6.00
DK50000580	5.80	82.00	44.00	6.00
DK50000590	5.90	82.00	44.00	6.00
DK50000600	6.00	91.00	53.00	6.00
DK50000610	6.10	91.00	53.00	8.00
DK50000620	6.20	91.00	53.00	8.00
DK50000630	6.30	91.00	53.00	8.00
DK50000640	6.40	91.00	53.00	8.00
DK50000650	6.50	91.00	53.00	8.00
DK50000660	6.60	91.00	53.00	8.00
DK50000670	6.70	91.00	53.00	8.00
DK50000680	6.80	91.00	53.00	8.00
DK50000690	6.90	91.00	53.00	8.00
DK50000700	7.00	91.00	53.00	8.00
DK50000710	7.10	91.00	53.00	8.00
DK50000720	7.20	91.00	53.00	8.00
DK50000730	7.30	91.00	53.00	8.00
DK50000740	7.40	91.00	53.00	8.00
DK50000750	7.50	91.00	53.00	8.00
DK50000760	7.60	91.00	53.00	8.00
DK50000770	7.70	91.00	53.00	8.00
DK50000780	7.80	91.00	53.00	8.00
DK50000790	7.90	91.00	53.00	8.00
DK50000800	8.00	91.00	53.00	8.00
DK50000810	8.10	103.00	61.00	10.00
DK50000820	8.20	103.00	61.00	10.00
DK50000830	8.30	103.00	61.00	10.00
DK50000840	8.40	103.00	61.00	10.00
DK50000850	8.50	103.00	61.00	10.00
DK50000860	8.60	103.00	61.00	10.00
DK50000870	8.70	103.00	61.00	10.00
DK50000880	8.80	103.00	61.00	10.00
DK50000890	8.90	103.00	61.00	10.00

Oder No	D1	L	L1	D
DK50000900	9.00	103.00	61.00	10.00
DK50000910	9.10	103.00	61.00	10.00
DK50000920	9.20	103.00	61.00	10.00
DK50000930	9.30	103.00	61.00	10.00
DK50000940	9.40	103.00	61.00	10.00
DK50000950	9.50	103.00	61.00	10.00
DK50000960	9.60	103.00	61.00	10.00
DK50000970	9.70	103.00	61.00	10.00
DK50000980	9.80	103.00	61.00	10.00
DK50000990	9.90	103.00	61.00	10.00
DK50001000	10.00	103.00	61.00	10.00
DK50001010	10.10	118.00	71.00	12.00
DK50001020	10.20	118.00	71.00	12.00
DK50001030	10.30	118.00	71.00	12.00
DK50001040	10.40	118.00	71.00	12.00
DK50001050	10.50	118.00	71.00	12.00
DK50001060	10.60	118.00	71.00	12.00
DK50001070	10.70	118.00	71.00	12.00
DK50001080	10.80	118.00	71.00	12.00
DK50001090	10.90	118.00	71.00	12.00
DK50001100	11.00	118.00	71.00	12.00
DK50001110	11.10	118.00	71.00	12.00
DK50001120	11.20	118.00	71.00	12.00
DK50001130	11.30	118.00	71.00	12.00
DK50001140	11.40	118.00	71.00	12.00
DK50001150	11.50	118.00	71.00	12.00
DK50001160	11.60	118.00	71.00	12.00
DK50001170	11.70	118.00	71.00	12.00
DK50001180	11.80	118.00	71.00	12.00
DK50001190	11.90	118.00	71.00	12.00
DK50001200	12.00	118.00	71.00	12.00
DK50001210	12.10	124.00	77.00	12.00
DK50001220	12.20	124.00	77.00	12.00
DK50001230	12.30	124.00	77.00	12.00
DK50001240	12.40	124.00	77.00	12.00
DK50001250	12.50	124.00	77.00	12.00
DK50001260	12.60	124.00	77.00	12.00
DK50001270	12.70	124.00	77.00	12.00
DK50001280	12.80	124.00	77.00	12.00
DK50001290	12.90	124.00	77.00	12.00
DK50001300	13.00	124.00	77.00	12.00
DK50001310	13.10	124.00	77.00	12.00
DK50001320	13.20	124.00	77.00	12.00
DK50001330	13.30	124.00	77.00	12.00
DK50001340	13.40	124.00	77.00	12.00
DK50001350	13.50	124.00	77.00	12.00
DK50001360	13.60	124.00	77.00	12.00
DK50001370	13.70	124.00	77.00	12.00
DK50001380	13.80	124.00	77.00	12.00
DK50001390	13.90	124.00	77.00	12.00
DK50001400	14.00	124.00	77.00	12.00
DK50001410	14.10	133.00	83.00	16.00
DK50001420	14.20	133.00	83.00	16.00
DK50001430	14.30	133.00	83.00	16.00
DK50001440	14.40	133.00	83.00	16.00
DK50001450	14.50	133.00	83.00	16.00
DK50001460	14.60	133.00	83.00	16.00
DK50001470	14.70	133.00	83.00	16.00
DK50001480	14.80	133.00	83.00	16.00
DK50001490	14.90	133.00	83.00	16.00
DK50001500	15.00	133.00	83.00	16.00
DK50001510	15.10	133.00	83.00	16.00
DK50001520	15.20	133.00	83.00	16.00
DK50001530	15.30	133.00	83.00	16.00
DK50001540	15.40	133.00	83.00	16.00
DK50001550	15.50	133.00	83.00	16.00
DK50001560	15.60	133.00	83.00	16.00
DK50001570	15.70	133.00	83.00	16.00
DK50001580	15.80	133.00	83.00	16.00
DK50001590	15.90	133.00	83.00	16.00
DK50001600	16.00	133.00	83.00	16.00
DK50001650	16.50	143.00	93.00	18.00
DK50001700	17.00	143.00	93.00	18.00
DK50001750	17.50	143.00	93.00	18.00
DK50001800	18.00	143.00	93.00	18.00
DK50001850	18.50	143.00	93.00	18.00
DK50001880	18.80	153.00	101.00	20.00
DK50001900	19.00	153.00	101.00	20.00
DK50001950	19.50	153.00	101.00	20.00
DK50002000	20.00	153.00	101.00	20.00

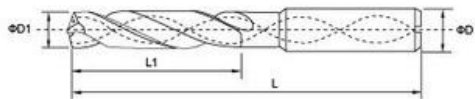
Carbide Drills 5XD



Oder No	D1	L	L1	D
DK50100200	2.00	38.00	12.00	3.00
DK50100205	2.05	38.00	12.00	3.00
DK50100210	2.10	38.00	12.00	3.00
DK50100215	2.15	40.00	13.00	3.00
DK50100220	2.20	40.00	13.00	3.00
DK50100225	2.25	40.00	13.00	3.00
DK50100230	2.30	40.00	13.00	3.00
DK50100235	2.35	43.00	14.00	3.00
DK50100240	2.40	40.00	14.00	3.00
DK50100245	2.45	40.00	14.00	3.00
DK50100250	2.50	40.00	14.00	3.00
DK50100255	2.55	40.00	14.00	3.00
DK50100260	2.60	40.00	14.00	3.00
DK50100265	2.65	46.00	16.00	3.00
DK50100270	2.70	46.00	16.00	3.00
DK50100275	2.75	46.00	16.00	3.00
DK50100280	2.80	46.00	16.00	3.00
DK50100285	2.85	46.00	16.00	3.00
DK50100290	2.90	46.00	16.00	3.00
DK50100295	2.95	46.00	16.00	3.00
DK50100300	3.00	66.00	28.00	6.00
DK50100310	3.10	66.00	28.00	6.00
DK50100320	3.20	66.00	28.00	6.00
DK50100330	3.30	66.00	28.00	6.00
DK50100340	3.40	66.00	28.00	6.00
DK50100350	3.50	66.00	28.00	6.00
DK50100360	3.60	66.00	28.00	6.00
DK50100370	3.70	66.00	28.00	6.00
DK50100380	3.80	74.00	36.00	6.00
DK50100390	3.90	74.00	36.00	6.00
DK50100400	4.00	74.00	36.00	6.00
DK50100410	4.10	74.00	36.00	6.00
DK50100420	4.20	74.00	36.00	6.00
DK50100430	4.30	74.00	36.00	6.00
DK50100440	4.40	74.00	36.00	6.00
DK50100450	4.50	74.00	36.00	6.00
DK50100460	4.60	74.00	36.00	6.00
DK50100470	4.70	74.00	36.00	6.00
DK50100480	4.80	82.00	44.00	6.00
DK50100490	4.90	82.00	44.00	6.00
DK50100500	5.00	82.00	44.00	6.00
DK50100510	5.10	82.00	44.00	6.00
DK50100520	5.20	82.00	44.00	6.00
DK50100530	5.30	82.00	44.00	6.00
DK50100540	5.40	82.00	44.00	6.00
DK50100550	5.50	82.00	44.00	6.00
DK50100560	5.60	82.00	44.00	6.00
DK50100570	5.70	82.00	44.00	6.00
DK50100580	5.80	82.00	44.00	6.00
DK50100590	5.90	82.00	44.00	6.00
DK50100600	6.00	91.00	53.00	8.00
DK50100610	6.10	91.00	53.00	8.00
DK50100620	6.20	91.00	53.00	8.00
DK50100630	6.30	91.00	53.00	8.00
DK50100640	6.40	91.00	53.00	8.00
DK50100650	6.50	91.00	53.00	8.00
DK50100660	6.60	91.00	53.00	8.00
DK50100670	6.70	91.00	53.00	8.00
DK50100680	6.80	91.00	53.00	8.00
DK50100690	6.90	91.00	53.00	8.00
DK50100700	7.00	91.00	53.00	8.00
DK50100710	7.10	91.00	53.00	8.00
DK50100720	7.20	91.00	53.00	8.00
DK50100730	7.30	91.00	53.00	8.00
DK50100740	7.40	91.00	53.00	8.00
DK50100750	7.50	91.00	53.00	8.00
DK50100760	7.60	91.00	53.00	8.00
DK50100770	7.70	91.00	53.00	8.00
DK50100780	7.80	91.00	53.00	8.00
DK50100790	7.90	91.00	53.00	8.00
DK50100800	8.00	91.00	53.00	8.00
DK50100810	8.10	103.00	61.00	10.00
DK50100820	8.20	103.00	61.00	10.00
DK50100830	8.30	103.00	61.00	10.00
DK50100840	8.40	103.00	61.00	10.00
DK50100850	8.50	103.00	61.00	10.00
DK50100860	8.60	103.00	61.00	10.00
DK50100870	8.70	103.00	61.00	10.00
DK50100880	8.80	103.00	61.00	10.00
DK50100890	8.90	103.00	61.00	10.00

Oder No	D1	L	L1	D
DK50100900	9.00	103.00	61.00	10.00
DK50100910	9.10	103.00	61.00	10.00
DK50100920	9.20	103.00	61.00	10.00
DK50100930	9.30	103.00	61.00	10.00
DK50100940	9.40	103.00	61.00	10.00
DK50100950	9.50	103.00	61.00	10.00
DK50100960	9.60	103.00	61.00	10.00
DK50100970	9.70	103.00	61.00	10.00
DK50100980	9.80	103.00	61.00	10.00
DK50100990	9.90	103.00	61.00	10.00
DK50101000	10.00	103.00	61.00	10.00
DK50101010	10.10	118.00	71.00	12.00
DK50101020	10.20	118.00	71.00	12.00
DK50101030	10.30	118.00	71.00	12.00
DK50101040	10.40	118.00	71.00	12.00
DK50101050	10.50	118.00	71.00	12.00
DK50101060	10.60	118.00	71.00	12.00
DK50101070	10.70	118.00	71.00	12.00
DK50101080	10.80	118.00	71.00	12.00
DK50101090	10.90	118.00	71.00	12.00
DK50101100	11.00	118.00	71.00	12.00
DK50101110	11.10	118.00	71.00	12.00
DK50101120	11.20	118.00	71.00	12.00
DK50101130	11.30	118.00	71.00	12.00
DK50101140	11.40	118.00	71.00	12.00
DK50101150	11.50	118.00	71.00	12.00
DK50101160	11.60	118.00	71.00	12.00
DK50101170	11.70	118.00	71.00	12.00
DK50101180	11.80	118.00	71.00	12.00
DK50101190	11.90	118.00	71.00	12.00
DK50101200	12.00	118.00	71.00	12.00
DK50101210	12.10	124.00	77.00	12.00
DK50101220	12.20	124.00	77.00	12.00
DK50101230	12.30	124.00	77.00	12.00
DK50101240	12.40	124.00	77.00	12.00
DK50101250	12.50	124.00	77.00	12.00
DK50101260	12.60	124.00	77.00	12.00
DK50101270	12.70	124.00	77.00	12.00
DK50101280	12.80	124.00	77.00	12.00
DK50101290	12.90	124.00	77.00	12.00
DK50101300	13.00	124.00	77.00	12.00
DK50101310	13.10	124.00	77.00	12.00
DK50101320	13.20	124.00	77.00	12.00
DK50101330	13.30	124.00	77.00	12.00
DK50101340	13.40	124.00	77.00	12.00
DK50101350	13.50	124.00	77.00	12.00
DK50101360	13.60	124.00	77.00	12.00
DK50101370	13.70	124.00	77.00	12.00
DK50101380	13.80	124.00	77.00	12.00
DK50101390	13.90	124.00	77.00	12.00
DK50101400	14.00	124.00	77.00	12.00
DK50101410	14.10	133.00	83.00	16.00
DK50101420	14.20	133.00	83.00	16.00
DK50101430	14.30	133.00	83.00	16.00
DK50101440	14.40	133.00	83.00	16.00
DK50101450	14.50	133.00	83.00	16.00
DK50101460	14.60	133.00	83.00	16.00
DK50101470	14.70	133.00	83.00	16.00
DK50101480	14.80	133.00	83.00	16.00
DK50101490	14.90	133.00	83.00	16.00
DK50101500	15.00	133.00	83.00	16.00
DK50101510	15.10	133.00	83.00	16.00
DK50101520	15.20	133.00	83.00	16.00
DK50101530	15.30	133.00	83.00	16.00
DK50101540	15.40	133.00	83.00	16.00
DK50101550	15.50	133.00	83.00	16.00
DK50101560	15.60	133.00	83.00	16.00
DK50101570	15.70	133.00	83.00	16.00
DK50101580	15.80	133.00	83.00	16.00
DK50101590	15.90	133.00	83.00	16.00
DK50101600	16.00	133.00	83.00	16.00
DK50101650	16.50	143.00	93.00	18.00
DK50101700	17.00	143.00	93.00	18.00
DK50101750	17.50	143.00	93.00	18.00
DK50101800	18.00	143.00	93.00	18.00
DK50101850	18.50	143.00	93.00	18.00
DK50101880	18.80	153.00	101.00	20.00
DK50101900	19.00	153.00	101.00	20.00
DK50101950	19.50	153.00	101.00	20.00
DK50102000	20.00	153.00	101.00	20.00

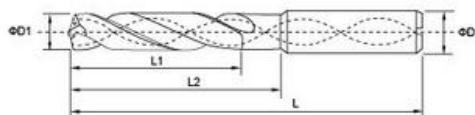
Carbide Drills 8XD



Oder No	D1	L	L1	D
DK80100400	4.00	85.00	45.00	6.00
DK80100410	4.10	85.00	45.00	6.00
DK80100420	4.20	85.00	45.00	6.00
DK80100430	4.30	85.00	45.00	6.00
DK80100440	4.40	85.00	45.00	6.00
DK80100450	4.50	85.00	45.00	6.00
DK80100460	4.60	85.00	45.00	6.00
DK80100470	4.70	97.00	57.00	6.00
DK80100480	4.80	97.00	57.00	6.00
DK80100490	4.90	97.00	57.00	6.00
DK80100500	5.00	97.00	57.00	6.00
DK80100510	5.10	97.00	57.00	6.00
DK80100520	5.20	97.00	57.00	6.00
DK80100530	5.30	97.00	57.00	6.00
DK80100540	5.40	97.00	57.00	6.00
DK80100550	5.50	97.00	57.00	6.00
DK80100560	5.60	97.00	57.00	6.00
DK80100570	5.70	97.00	57.00	6.00
DK80100580	5.80	97.00	57.00	6.00
DK80100590	5.90	97.00	57.00	6.00
DK80100600	6.00	97.00	57.00	6.00
DK80100610	6.10	106.00	66.00	8.00
DK80100620	6.20	106.00	66.00	8.00
DK80100630	6.30	106.00	66.00	8.00
DK80100640	6.40	106.00	66.00	8.00
DK80100650	6.50	106.00	66.00	8.00
DK80100660	6.60	106.00	66.00	8.00
DK80100670	6.70	106.00	66.00	8.00
DK80100680	6.80	106.00	66.00	8.00
DK80100690	6.90	106.00	66.00	8.00
DK80100700	7.00	106.00	66.00	8.00
DK80100710	7.10	106.00	66.00	8.00
DK80100720	7.20	106.00	66.00	8.00
DK80100730	7.30	106.00	66.00	8.00
DK80100740	7.40	106.00	66.00	8.00
DK80100750	7.50	106.00	66.00	8.00
DK80100760	7.60	106.00	66.00	8.00
DK80100770	7.70	106.00	66.00	8.00
DK80100780	7.80	106.00	66.00	8.00
DK80100790	7.90	106.00	66.00	8.00
DK80100800	8.00	106.00	66.00	8.00
DK80100810	8.10	139.00	95.00	10.00
DK80100820	8.20	139.00	95.00	10.00
DK80100830	8.30	139.00	95.00	10.00
DK80100840	8.40	139.00	95.00	10.00
DK80100850	8.50	139.00	95.00	10.00
DK80100860	8.60	139.00	95.00	10.00
DK80100870	8.70	139.00	95.00	10.00
DK80100880	8.80	139.00	95.00	10.00
DK80100890	8.90	139.00	95.00	10.00
DK80100900	9.00	139.00	95.00	10.00
DK80100910	9.10	139.00	95.00	10.00
DK80100920	9.20	139.00	95.00	10.00
DK80100930	9.30	139.00	95.00	10.00
DK80100940	9.40	139.00	95.00	10.00
DK80100950	9.50	139.00	95.00	10.00
DK80100960	9.60	139.00	95.00	10.00
DK80100970	9.70	139.00	95.00	10.00
DK80100980	9.80	139.00	95.00	10.00
DK80100990	9.90	139.00	95.00	10.00
DK80101000	10.00	139.00	95.00	10.00
DK80101010	10.10	163.00	114.00	12.00
DK80101020	10.20	163.00	114.00	12.00
DK80101030	10.30	163.00	114.00	12.00
DK80101040	10.40	163.00	114.00	12.00
DK80101050	10.50	163.00	114.00	12.00
DK80101060	10.60	163.00	114.00	12.00
DK80101070	10.70	163.00	114.00	12.00
DK80101080	10.80	163.00	114.00	12.00
DK80101090	10.90	163.00	114.00	12.00

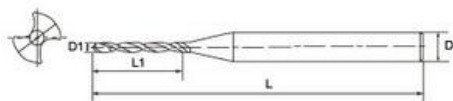
Oder No	D1	L	L1	D
DK80101100	11.00	163.00	114.00	12.00
DK80101110	11.10	163.00	114.00	12.00
DK80101120	11.20	163.00	114.00	12.00
DK80101130	11.30	163.00	114.00	12.00
DK80101140	11.40	163.00	114.00	12.00
DK80101150	11.50	163.00	114.00	12.00
DK80101160	11.60	163.00	114.00	12.00
DK80101170	11.70	163.00	114.00	12.00
DK80101180	11.80	163.00	114.00	12.00
DK80101190	11.90	163.00	114.00	12.00
DK80101200	12.00	163.00	114.00	12.00
DK80101210	12.10	182.00	133.00	14.00
DK80101230	12.30	182.00	133.00	14.00
DK80101250	12.50	182.00	133.00	14.00
DK80101270	12.70	182.00	133.00	14.00
DK80101290	12.90	182.00	133.00	14.00
DK80101300	13.00	182.00	133.00	14.00
DK80101310	13.10	182.00	133.00	14.00
DK80101330	13.30	182.00	133.00	14.00
DK80101350	13.50	182.00	133.00	14.00
DK80101370	13.70	182.00	133.00	14.00
DK80101390	13.90	182.00	133.00	14.00
DK80101400	14.00	182.00	133.00	14.00
DK80101410	14.10	204.00	152.00	16.00
DK80101430	14.30	204.00	152.00	16.00
DK80101450	14.50	204.00	152.00	16.00
DK80101470	14.70	204.00	152.00	16.00
DK80101490	14.90	204.00	152.00	16.00
DK80101500	15.00	204.00	152.00	16.00
DK80101510	15.10	204.00	152.00	16.00
DK80101530	15.30	204.00	152.00	16.00
DK80101550	15.50	204.00	152.00	16.00
DK80101570	15.70	204.00	152.00	16.00
DK80101590	15.90	204.00	152.00	16.00
DK80101600	16.00	204.00	152.00	16.00
DK80101610	16.10	223.00	171.00	18.00
DK80101630	16.30	223.00	171.00	18.00
DK80101650	16.50	223.00	171.00	18.00
DK80101670	16.70	223.00	171.00	18.00
DK80101690	16.90	223.00	171.00	18.00
DK80101700	17.00	223.00	171.00	18.00
DK80101710	17.10	223.00	171.00	18.00
DK80101730	17.30	223.00	171.00	18.00
DK80101750	17.50	223.00	171.00	18.00
DK80101770	17.70	223.00	171.00	18.00
DK80101790	17.90	223.00	171.00	18.00
DK80101800	18.00	223.00	171.00	18.00
DK80101810	18.10	244.00	190.00	20.00
DK80101830	18.30	244.00	190.00	20.00
DK80101850	18.50	244.00	190.00	20.00
DK80101870	18.70	244.00	190.00	20.00
DK80101890	18.90	244.00	190.00	20.00
DK80101900	19.00	244.00	190.00	20.00
DK80101910	19.10	244.00	190.00	20.00
DK80101930	19.30	244.00	190.00	20.00
DK80101950	19.50	244.00	190.00	20.00
DK80101970	19.70	244.00	190.00	20.00
DK80101990	19.90	244.00	190.00	20.00
DK80102000	20.00	244.00	190.00	20.00

Deep Hole Carbide Drills



Oder No	D1	L1	L2	L	D
DK72000310	3.10	69.00	74.00	105.00	4.00
DK72500310	3.10	79.00	83.00	120.00	4.00
DK72000310	3.10	94.00	99.00	135.00	4.00
DK72000350	3.50	72.00	77.00	110.00	4.00
DK72500350	3.50	89.00	94.00	130.00	4.00
DK72000350	3.50	106.00	111.00	145.00	4.00
DK72000380	3.80	75.00	82.00	115.00	4.00
DK72500380	3.80	96.00	102.00	135.00	4.00
DK72000380	3.80	115.00	121.00	155.00	4.00
DK72000400	4.00	82.00	88.00	125.00	4.00
DK72500400	4.00	101.00	107.00	140.00	4.00
DK72000400	4.00	121.00	127.00	160.00	4.00
DK72000420	4.20	87.00	92.00	135.00	5.00
DK72500420	4.20	106.00	112.00	150.00	5.00
DK72000420	4.20	127.00	133.00	170.00	5.00
DK72000450	4.50	92.00	99.00	135.00	5.00
DK72500450	4.50	114.00	120.00	155.00	5.00
DK72000450	4.50	136.00	143.00	180.00	5.00
DK72000500	5.00	102.00	110.00	145.00	5.00
DK72500500	5.00	126.00	134.00	170.00	5.00
DK72000500	5.00	151.00	159.00	195.00	5.00
DK72000510	5.10	107.00	115.00	155.00	5.00
DK72500510	5.10	129.00	136.00	175.00	6.00
DK72000510	5.10	154.00	162.00	200.00	6.00
DK72000550	5.50	112.00	120.00	160.00	6.00
DK72500550	5.50	139.00	147.00	185.00	6.00
DK72000550	5.50	166.00	174.00	215.00	6.00
DK72000600	6.00	122.00	131.00	170.00	6.00
DK72500600	6.00	151.00	160.00	200.00	6.00
DK72000600	6.00	181.00	190.00	230.00	6.00
DK72000650	6.50	132.00	142.00	180.00	8.00
DK72500650	6.50	164.00	173.00	210.00	8.00
DK72000650	6.50	176.00	187.00	230.00	8.00
DK72000700	7.00	142.00	153.00	195.00	8.00
DK72500700	7.00	164.00	173.00	210.00	8.00
DK72000700	7.00	211.00	222.00	265.00	8.00
DK72000750	7.50	152.00	163.00	205.00	8.00
DK72500750	7.50	189.00	200.00	240.00	8.00
DK72000750	7.50	226.00	237.00	280.00	8.00
DK72000800	8.00	162.00	174.00	215.00	8.00
DK72500800	8.00	201.00	213.00	255.00	8.00
DK72000800	8.00	241.00	253.00	295.00	8.00
DK72000850	8.50	172.00	185.00	230.00	10.00
DK72500850	8.50	214.00	226.00	270.00	10.00
DK72000850	8.50	258.00	272.00	315.00	10.00
DK72000900	9.00	137.00	151.00	195.00	10.00
DK72500900	9.00	182.00	196.00	240.00	10.00
DK72000900	9.00	215.00	225.00	275.00	10.00
DK72000950	9.50	192.00	206.00	250.00	10.00
DK72001000	10.00	210.00	217.00	260.00	10.00
DK72501000	10.00	260.00	272.00	315.00	10.00
DK72001000	10.00	270.00	285.00	330.00	10.00
DK72001050	10.50	215.00	225.00	275.00	10.00
DK72501050	10.50	260.00	272.00	315.00	10.00
DK72001050	10.50	270.00	285.00	330.00	10.00
DK72001100	11.00	215.00	225.00	275.00	12.00
DK72501100	11.00	260.00	272.00	315.00	12.00
DK72001100	11.00	270.00	285.00	330.00	12.00
DK72001150	11.50	225.00	235.00	285.00	12.00
DK72501150	11.50	260.00	272.00	315.00	12.00
DK72001150	11.50	270.00	285.00	330.00	12.00
DK72001200	12.00	225.00	235.00	285.00	12.00
DK72501200	12.00	260.00	272.00	315.00	12.00
DK72001200	12.00	270.00	285.00	330.00	12.00

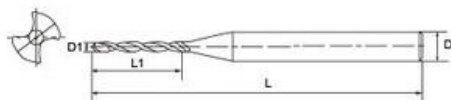
Carbide Micro Drills



Oder No	D1	L	L1	D
DK426-0040	0.04	0.40	3.00	38.00
DK426-0050	0.05	0.50	3.00	38.00
DK426-0060	0.06	0.60	3.00	38.00
DK426-0070	0.07	0.70	3.00	38.00
DK426-0080	0.08	0.80	3.00	38.00
DK426-0090	0.09	0.90	3.00	38.00
DK426-0100	0.10	1.00	3.00	38.00
DK426-0110	0.11	1.00	3.00	38.00
DK426-0120	0.12	1.00	3.00	38.00
DK426-0130	0.13	1.50	3.00	38.00
DK426-0140	0.14	1.50	3.00	38.00
DK426-0150	0.15	1.50	3.00	38.00
DK426-0160	0.16	2.00	3.00	38.00
DK426-0170	0.17	2.00	3.00	38.00
DK426-0180	0.18	2.00	3.00	38.00
DK426-0190	0.19	2.00	3.00	38.00
DK426-0200	0.20	2.00	3.00	38.00
DK426-0210	0.21	2.50	3.00	38.00
DK426-0220	0.22	2.50	3.00	38.00
DK426-0230	0.23	2.50	3.00	38.00
DK426-0240	0.24	2.50	3.00	38.00
DK426-0250	0.25	2.50	3.00	38.00
DK426-0260	0.26	3.00	3.00	38.00
DK426-0270	0.27	3.00	3.00	38.00
DK426-0280	0.28	3.00	3.00	38.00
DK426-0290	0.29	3.00	3.00	38.00
DK426-0300	0.30	3.00	3.00	38.00
DK426-0310	0.31	3.00	3.00	38.00
DK426-0320	0.32	3.00	3.00	38.00
DK426-0330	0.33	3.00	3.00	38.00
DK426-0340	0.34	3.00	3.00	38.00
DK426-0350	0.35	3.00	3.00	38.00
DK426-0360	0.36	3.00	3.00	38.00
DK426-0370	0.37	3.00	3.00	38.00
DK426-0380	0.38	3.00	3.00	38.00
DK426-0390	0.39	3.00	3.00	38.00
DK426-0400	0.40	4.00	3.00	38.00
DK426-0410	0.41	4.00	3.00	38.00
DK426-0420	0.42	4.00	3.00	38.00
DK426-0430	0.43	4.00	3.00	38.00
DK426-0440	0.44	4.00	3.00	38.00
DK426-0450	0.45	4.00	3.00	38.00
DK426-0460	0.46	4.00	3.00	38.00
DK426-0470	0.47	4.00	3.00	38.00
DK426-0480	0.48	4.00	3.00	38.00
DK426-0490	0.49	4.00	3.00	38.00
DK426-0500	0.50	5.00	3.00	38.00
DK426-0510	0.51	5.00	3.00	38.00
DK426-0520	0.52	5.00	3.00	38.00
DK426-0530	0.53	5.00	3.00	38.00
DK426-0540	0.54	5.00	3.00	38.00
DK426-0550	0.55	5.00	3.00	38.00
DK426-0560	0.56	5.00	3.00	38.00
DK426-0570	0.57	5.00	3.00	38.00
DK426-0580	0.58	5.00	3.00	38.00
DK426-0590	0.59	5.00	3.00	38.00
DK426-0600	0.60	6.00	3.00	38.00
DK426-0610	0.61	6.00	3.00	38.00
DK426-0620	0.62	6.00	3.00	38.00
DK426-0630	0.63	6.00	3.00	38.00

Oder No	D1	L	L1	D
DK426-0640	0.64	6.00	3.00	38.00
DK426-0650	0.65	6.00	3.00	38.00
DK426-0660	0.66	6.00	3.00	38.00
DK426-0670	0.67	6.00	3.00	38.00
DK426-0680	0.68	6.00	3.00	38.00
DK426-0690	0.69	6.00	3.00	38.00
DK426-0700	0.70	6.00	3.00	38.00
DK426-0710	0.71	6.00	3.00	38.00
DK426-0720	0.72	6.00	3.00	38.00
DK426-0730	0.73	6.00	3.00	38.00
DK426-0740	0.74	6.00	3.00	38.00
DK426-0750	0.75	6.00	3.00	38.00
DK426-0760	0.76	6.00	3.00	38.00
DK426-0770	0.77	6.00	3.00	38.00
DK426-0780	0.78	6.00	3.00	38.00
DK426-0790	0.79	6.00	3.00	38.00
DK426-0800	0.80	6.00	3.00	38.00
DK426-0810	0.81	6.00	3.00	38.00
DK426-0820	0.82	6.00	3.00	38.00
DK426-0830	0.83	6.00	3.00	38.00
DK426-0840	0.84	6.00	3.00	38.00
DK426-0850	0.85	6.00	3.00	38.00
DK426-0860	0.86	6.00	3.00	38.00
DK426-0870	0.87	6.00	3.00	38.00
DK426-0880	0.88	6.00	3.00	38.00
DK426-0890	0.89	6.00	3.00	38.00
DK426-0900	0.90	6.00	3.00	38.00
DK426-0910	0.91	6.00	3.00	38.00
DK426-0920	0.92	6.00	3.00	38.00
DK426-0930	0.93	6.00	3.00	38.00
DK426-0940	0.94	6.00	3.00	38.00
DK426-0950	0.95	6.00	3.00	38.00
DK426-0960	0.96	6.00	3.00	38.00
DK426-0970	0.97	6.00	3.00	38.00
DK426-0980	0.98	6.00	3.00	38.00
DK426-0990	0.99	6.00	3.00	38.00
DK426-1000	1.00	7.00	3.00	38.00
DK426-1010	1.01	7.00	3.00	38.00
DK426-1020	1.02	7.00	3.00	38.00
DK426-1030	1.03	7.00	3.00	38.00
DK426-1040	1.04	7.00	3.00	38.00
DK426-1050	1.05	7.00	3.00	38.00
DK426-1060	1.06	7.00	3.00	38.00
DK426-1070	1.07	7.00	3.00	38.00
DK426-1080	1.08	7.00	3.00	38.00
DK426-1090	1.09	7.00	3.00	38.00
DK426-1100	1.10	7.00	3.00	38.00
DK426-1110	1.11	7.00	3.00	38.00
DK426-1120	1.12	7.00	3.00	38.00
DK426-1130	1.13	7.00	3.00	38.00
DK426-1140	1.14	7.00	3.00	38.00
DK426-1150	1.15	7.00	3.00	38.00
DK426-1160	1.16	7.00	3.00	38.00
DK426-1170	1.17	7.00	3.00	38.00
DK426-1180	1.18	7.00	3.00	38.00
DK426-1190	1.19	7.00	3.00	38.00
DK426-1200	1.20	8.00	3.00	38.00
DK426-1210	1.21	8.00	3.00	38.00
DK426-1220	1.22	8.00	3.00	38.00
DK426-1230	1.23	8.00	3.00	38.00

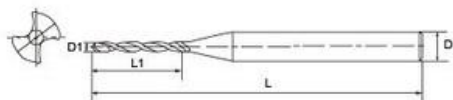
Carbide Micro Drills



Oder No	D1	L	L1	D
DK426-1240	1.24	8.00	3.00	38.00
DK426-1250	1.25	8.00	3.00	38.00
DK426-1260	1.26	8.00	3.00	38.00
DK426-1270	1.27	8.00	3.00	38.00
DK426-1280	1.28	8.00	3.00	38.00
DK426-1290	1.29	8.00	3.00	38.00
DK426-1300	1.30	8.00	3.00	38.00
DK426-1310	1.31	8.00	3.00	38.00
DK426-1320	1.32	8.00	3.00	38.00
DK426-1330	1.33	8.00	3.00	38.00
DK426-1340	1.34	8.00	3.00	38.00
DK426-1350	1.35	8.00	3.00	38.00
DK426-1360	1.36	8.00	3.00	38.00
DK426-1370	1.37	8.00	3.00	38.00
DK426-1380	1.38	8.00	3.00	38.00
DK426-1390	1.39	8.00	3.00	38.00
DK426-1400	1.40	8.00	3.00	38.00
DK426-1410	1.41	8.00	3.00	38.00
DK426-1420	1.42	8.00	3.00	38.00
DK426-1430	1.43	8.00	3.00	38.00
DK426-1440	1.44	8.00	3.00	38.00
DK426-1450	1.45	8.00	3.00	38.00
DK426-1460	1.46	8.00	3.00	38.00
DK426-1470	1.47	8.00	3.00	38.00
DK426-1480	1.48	8.00	3.00	38.00
DK426-1490	1.49	8.00	3.00	38.00
DK426-1500	1.50	8.00	3.00	38.00
DK426-1510	1.51	10.00	3.00	38.00
DK426-1520	1.52	10.00	3.00	38.00
DK426-1530	1.53	10.00	3.00	38.00
DK426-1540	1.54	10.00	3.00	38.00
DK426-1550	1.55	10.00	3.00	38.00
DK426-1560	1.56	10.00	3.00	38.00
DK426-1570	1.57	10.00	3.00	38.00
DK426-1580	1.58	10.00	3.00	38.00
DK426-1590	1.59	10.00	3.00	38.00
DK426-1600	1.60	10.00	3.00	38.00
DK426-1610	1.61	10.00	3.00	38.00
DK426-1620	1.62	10.00	3.00	38.00
DK426-1630	1.63	10.00	3.00	38.00
DK426-1640	1.64	10.00	3.00	38.00
DK426-1650	1.65	10.00	3.00	38.00
DK426-1660	1.66	10.00	3.00	38.00
DK426-1670	1.67	10.00	3.00	38.00
DK426-1680	1.68	10.00	3.00	38.00
DK426-1690	1.69	10.00	3.00	38.00
DK426-1700	1.70	10.00	3.00	38.00
DK426-1710	1.71	10.00	3.00	38.00
DK426-1720	1.72	10.00	3.00	38.00
DK426-1730	1.73	10.00	3.00	38.00
DK426-1740	1.74	10.00	3.00	38.00
DK426-1750	1.75	10.00	3.00	38.00
DK426-1760	1.76	10.00	3.00	38.00
DK426-1770	1.77	10.00	3.00	38.00
DK426-1780	1.78	10.00	3.00	38.00
DK426-1790	1.79	10.00	3.00	38.00
DK426-1800	1.80	10.00	3.00	38.00
DK426-1810	1.81	10.00	3.00	38.00
DK426-1820	1.82	10.00	3.00	38.00
DK426-1830	1.83	10.00	3.00	38.00

Oder No	D1	L	L1	D
DK426-1840	1.84	10.00	3.00	38.00
DK426-1850	1.85	10.00	3.00	38.00
DK426-1860	1.86	10.00	3.00	38.00
DK426-1870	1.87	10.00	3.00	38.00
DK426-1880	1.88	10.00	3.00	38.00
DK426-1890	1.89	10.00	3.00	38.00
DK426-1900	1.90	10.00	3.00	38.00
DK426-1910	1.91	10.00	3.00	38.00
DK426-1920	1.92	10.00	3.00	38.00
DK426-1930	1.93	10.00	3.00	38.00
DK426-1940	1.94	10.00	3.00	38.00
DK426-1950	1.95	10.00	3.00	38.00
DK426-1960	1.96	10.00	3.00	38.00
DK426-1970	1.97	10.00	3.00	38.00
DK426-1980	1.98	10.00	3.00	38.00
DK426-1990	1.99	10.00	3.00	38.00
DK426-2000	2.00	10.00	3.00	38.00
DK426-2010	2.01	12.00	3.00	38.00
DK426-2020	2.02	12.00	3.00	38.00
DK426-2030	2.03	12.00	3.00	38.00
DK426-2040	2.04	12.00	3.00	38.00
DK426-2050	2.05	12.00	3.00	38.00
DK426-2060	2.06	12.00	3.00	38.00
DK426-2070	2.07	12.00	3.00	38.00
DK426-2080	2.08	12.00	3.00	38.00
DK426-2090	2.09	12.00	3.00	38.00
DK426-2100	2.10	12.00	3.00	38.00
DK426-2110	2.11	12.00	3.00	38.00
DK426-2120	2.12	12.00	3.00	38.00
DK426-2130	2.13	12.00	3.00	38.00
DK426-2140	2.14	12.00	3.00	38.00
DK426-2150	2.15	12.00	3.00	38.00
DK426-2160	2.16	12.00	3.00	38.00
DK426-2170	2.17	12.00	3.00	38.00
DK426-2180	2.18	12.00	3.00	38.00
DK426-2190	2.19	12.00	3.00	38.00
DK426-2200	2.20	12.00	3.00	38.00
DK426-2210	2.21	12.00	3.00	38.00
DK426-2220	2.22	12.00	3.00	38.00
DK426-2230	2.23	12.00	3.00	38.00
DK426-2210	2.21	12.00	3.00	38.00
DK426-2220	2.22	12.00	3.00	38.00
DK426-2230	2.23	12.00	3.00	38.00
DK426-2240	2.24	12.00	3.00	38.00
DK426-2250	2.25	12.00	3.00	38.00
DK426-2260	2.26	12.00	3.00	38.00
DK426-2270	2.27	12.00	3.00	38.00
DK426-2280	2.28	12.00	3.00	38.00
DK426-2290	2.29	12.00	3.00	38.00
DK426-2300	2.30	12.00	3.00	38.00
DK426-2310	2.31	12.00	3.00	38.00
DK426-2320	2.32	12.00	3.00	38.00
DK426-2330	2.33	12.00	3.00	38.00
DK426-2340	2.34	12.00	3.00	38.00
DK426-2350	2.35	12.00	3.00	38.00
DK426-2360	2.36	12.00	3.00	38.00
DK426-2370	2.37	12.00	3.00	38.00
DK426-2380	2.38	12.00	3.00	38.00
DK426-2390	2.39	12.00	3.00	38.00
DK426-2400	2.40	12.00	3.00	38.00

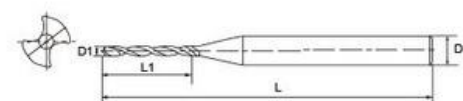
Carbide Micro Drills



Oder No	D1	L	L1	D
DK426-2410	2.41	12.00	3.00	38.00
DK426-2420	2.42	12.00	3.00	38.00
DK426-2430	2.43	12.00	3.00	38.00
DK426-2440	2.44	12.00	3.00	38.00
DK426-2450	2.45	12.00	3.00	38.00
DK426-2460	2.46	12.00	3.00	38.00
DK426-2470	2.47	12.00	3.00	38.00
DK426-2480	2.48	12.00	3.00	38.00
DK426-2490	2.49	12.00	3.00	38.00
DK426-2500	2.50	12.00	3.00	38.00
DK426-2510	2.51	12.00	3.00	38.00
DK426-2520	2.52	12.00	3.00	38.00
DK426-2530	2.53	12.00	3.00	38.00
DK426-2540	2.54	12.00	3.00	38.00
DK426-2550	2.55	12.00	3.00	38.00
DK426-2560	2.56	12.00	3.00	38.00
DK426-2570	2.57	12.00	3.00	38.00
DK426-2580	2.58	12.00	3.00	38.00
DK426-2590	2.59	12.00	3.00	38.00
DK426-2600	2.60	12.00	3.00	38.00
DK426-2610	2.61	12.00	3.00	38.00
DK426-2620	2.62	12.00	3.00	38.00
DK426-2630	2.63	12.00	3.00	38.00
DK426-2640	2.64	12.00	3.00	38.00
DK426-2650	2.65	12.00	3.00	38.00
DK426-2660	2.66	12.00	3.00	38.00
DK426-2670	2.67	12.00	3.00	38.00
DK426-2680	2.68	12.00	3.00	38.00
DK426-2690	2.69	12.00	3.00	38.00
DK426-2700	2.70	12.00	3.00	38.00

Oder No	D1	L	L1	D
DK426-2710	2.71	12.00	3.00	38.00
DK426-2720	2.72	12.00	3.00	38.00
DK426-2730	2.73	12.00	3.00	38.00
DK426-2740	2.74	12.00	3.00	38.00
DK426-2750	2.75	12.00	3.00	38.00
DK426-2760	2.76	12.00	3.00	38.00
DK426-2770	2.77	12.00	3.00	38.00
DK426-2780	2.78	12.00	3.00	38.00
DK426-2790	2.79	12.00	3.00	38.00
DK426-2800	2.80	12.00	3.00	38.00
DK426-2810	2.81	12.00	3.00	38.00
DK426-2820	2.82	12.00	3.00	38.00
DK426-2830	2.83	12.00	3.00	38.00
DK426-2840	2.84	12.00	3.00	38.00
DK426-2850	2.85	12.00	3.00	38.00
DK426-2860	2.86	12.00	3.00	38.00
DK426-2870	2.87	12.00	3.00	38.00
DK426-2880	2.88	12.00	3.00	38.00
DK426-2890	2.89	12.00	3.00	38.00
DK426-2900	2.90	12.00	3.00	38.00
DK426-2910	2.91	12.00	3.00	38.00
DK426-2920	2.92	12.00	3.00	38.00
DK426-2930	2.93	12.00	3.00	38.00
DK426-2940	2.94	12.00	3.00	38.00
DK426-2950	2.95	12.00	3.00	38.00
DK426-2960	2.96	12.00	3.00	38.00
DK426-2970	2.97	12.00	3.00	38.00
DK426-2980	2.98	12.00	3.00	38.00
DK426-2990	2.99	12.00	3.00	38.00
DK426-3000	3.00	12.00	3.00	38.00

Carbide Micro Drills Long Coated



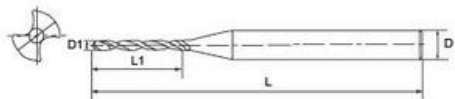
Oder No	D1	L	L1	D
DK426L-0040	0.04	0.06	3.00	38.00
DK426L-0050	0.05	0.09	3.00	38.00
DK426L-0060	0.06	0.09	3.00	38.00
DK426L-0070	0.07	1.20	3.00	38.00
DK426L-0080	0.08	1.20	3.00	38.00
DK426L-0090	0.09	1.20	3.00	38.00
DK426L-0100	0.10	2.00	3.00	38.00
DK426L-0110	0.11	2.00	3.00	38.00
DK426L-0120	0.12	2.00	3.00	38.00
DK426L-0130	0.13	3.00	3.00	38.00
DK426L-0140	0.14	3.00	3.00	38.00
DK426L-0150	0.15	3.00	3.00	38.00
DK426L-0160	0.16	4.00	3.00	38.00
DK426L-0170	0.17	4.00	3.00	38.00
DK426L-0180	0.18	4.00	3.00	38.00
DK426L-0190	0.19	4.00	3.00	38.00
DK426L-0200	0.20	4.00	3.00	38.00
DK426L-0210	0.21	5.00	3.00	38.00
DK426L-0220	0.22	5.00	3.00	38.00
DK426L-0230	0.23	5.00	3.00	38.00
DK426L-0240	0.24	5.00	3.00	38.00
DK426L-0250	0.25	5.00	3.00	38.00
DK426L-0260	0.26	6.00	3.00	38.00
DK426L-0270	0.27	6.00	3.00	38.00
DK426L-0280	0.28	6.00	3.00	38.00
DK426L-0290	0.29	6.00	3.00	38.00

Oder No	D1	L	L1	D
DK426L-0300	0.30	6.00	3.00	38.00
DK426L-0310	0.31	6.00	3.00	38.00
DK426L-0320	0.32	6.00	3.00	38.00
DK426L-0330	0.33	6.00	3.00	38.00
DK426L-0340	0.34	6.00	3.00	38.00
DK426L-0350	0.35	6.00	3.00	38.00
DK426L-0360	0.36	6.00	3.00	38.00
DK426L-0370	0.37	6.00	3.00	38.00
DK426L-0380	0.38	6.00	3.00	38.00
DK426L-0390	0.39	6.00	3.00	38.00
DK426L-0400	0.40	6.00	3.00	38.00
DK426L-0410	0.41	7.00	3.00	38.00
DK426L-0420	0.42	7.00	3.00	38.00
DK426L-0430	0.43	7.00	3.00	38.00
DK426L-0440	0.44	7.00	3.00	38.00
DK426L-0450	0.45	7.00	3.00	38.00
DK426L-0460	0.46	7.00	3.00	38.00
DK426L-0470	0.47	7.00	3.00	38.00
DK426L-0480	0.48	7.00	3.00	38.00
DK426L-0490	0.49	7.00	3.00	38.00
DK426L-0500	0.50	7.00	3.00	38.00
DK426L-0510	0.51	9.00	3.00	38.00
DK426L-0520	0.52	9.00	3.00	38.00
DK426L-0530	0.53	9.00	3.00	38.00
DK426L-0540	0.54	9.00	3.00	38.00
DK426L-0550	0.55	9.00	3.00	38.00



Oder No	D1	L	L1	D
DK426L-1360	1.36	15.00	3.00	50.00
DK426L-1370	1.37	15.00	3.00	50.00
DK426L-1380	1.38	15.00	3.00	50.00
DK426L-1390	1.39	15.00	3.00	50.00
DK426L-1400	1.40	15.00	3.00	50.00
DK426L-1410	1.41	15.00	3.00	50.00
DK426L-1420	1.42	15.00	3.00	50.00
DK426L-1430	1.43	15.00	3.00	50.00
DK426L-1440	1.44	15.00	3.00	50.00
DK426L-1450	1.45	15.00	3.00	50.00
DK426L-1460	1.46	15.00	3.00	50.00
DK426L-1470	1.47	15.00	3.00	50.00
DK426L-1480	1.48	15.00	3.00	50.00
DK426L-1490	1.49	15.00	3.00	50.00
DK426L-1500	1.50	20.00	3.00	60.00
DK426L-1510	1.51	20.00	3.00	50.00
DK426L-1520	1.52	20.00	3.00	60.00
DK426L-1530	1.53	20.00	3.00	60.00
DK426L-1540	1.54	20.00	3.00	60.00
DK426L-1550	1.55	20.00	3.00	60.00
DK426L-1560	1.56	20.00	3.00	60.00
DK426L-1570	1.57	20.00	3.00	60.00
DK426L-1580	1.58	20.00	3.00	60.00
DK426L-1590	1.59	20.00	3.00	60.00
DK426L-1600	1.60	20.00	3.00	60.00
DK426L-1610	1.61	20.00	3.00	60.00
DK426L-1620	1.62	20.00	3.00	60.00
DK426L-1630	1.63	20.00	3.00	60.00
DK426L-1640	1.64	20.00	3.00	60.00
DK426L-1650	1.65	20.00	3.00	60.00
DK426L-1660	1.66	20.00	3.00	60.00
DK426L-1670	1.67	20.00	3.00	60.00
DK426L-1680	1.68	20.00	3.00	60.00
DK426L-1690	1.69	20.00	3.00	60.00
DK426L-1700	1.70	20.00	3.00	60.00
DK426L-1710	1.71	20.00	3.00	60.00
DK426L-1720	1.72	20.00	3.00	60.00
DK426L-1730	1.73	20.00	3.00	60.00
DK426L-1740	1.74	20.00	3.00	60.00
DK426L-1750	1.75	20.00	3.00	60.00
DK426L-1760	1.76	20.00	3.00	60.00
DK426L-1770	1.77	20.00	3.00	60.00
DK426L-1780	1.78	20.00	3.00	60.00
DK426L-1790	1.79	20.00	3.00	60.00
DK426L-1800	1.80	20.00	3.00	60.00
DK426L-1810	1.81	20.00	3.00	60.00
DK426L-1820	1.82	20.00	3.00	60.00
DK426L-1830	1.83	20.00	3.00	60.00
DK426L-1840	1.84	20.00	3.00	60.00
DK426L-1850	1.85	20.00	3.00	60.00
DK426L-1860	1.86	20.00	3.00	60.00
DK426L-1870	1.87	20.00	3.00	60.00
DK426L-1880	1.88	20.00	3.00	60.00
DK426L-1890	1.89	20.00	3.00	60.00
DK426L-1900	1.90	20.00	3.00	60.00
DK426L-1910	1.91	20.00	3.00	60.00
DK426L-1920	1.92	20.00	3.00	60.00
DK426L-1930	1.93	20.00	3.00	60.00
DK426L-1940	1.94	20.00	3.00	60.00
DK426L-1950	1.95	20.00	3.00	60.00
DK426L-1960	1.96	20.00	3.00	60.00
DK426L-1970	1.97	20.00	3.00	60.00
DK426L-1980	1.98	20.00	3.00	60.00
DK426L-1990	1.99	20.00	3.00	60.00
DK426L-2000	2.00	20.00	3.00	60.00
DK426L-2010	2.01	25.00	3.00	60.00
DK426L-2020	2.02	25.00	3.00	60.00
DK426L-2030	2.03	25.00	3.00	60.00
DK426L-2040	2.04	25.00	3.00	60.00
DK426L-2050	2.05	25.00	3.00	60.00
DK426L-2060	2.06	25.00	3.00	60.00
DK426L-2070	2.07	25.00	3.00	60.00
DK426L-2080	2.08	25.00	3.00	60.00
DK426L-2090	2.09	25.00	3.00	60.00
DK426L-2100	2.10	25.00	3.00	60.00
DK426L-2110	2.11	25.00	3.00	60.00
DK426L-2120	2.12	25.00	3.00	60.00
DK426L-2130	2.13	25.00	3.00	60.00
DK426L-2140	2.14	25.00	3.00	60.00
DK426L-2150	2.15	25.00	3.00	60.00

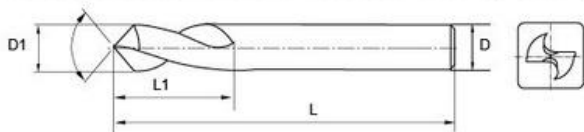
Carbide Micro Drills Long Coated



Oder No	D1	L	L1	D
DK426L-2160	2.16	25.00	3.00	60.00
DK426L-2170	2.17	25.00	3.00	60.00
DK426L-2180	2.18	25.00	3.00	60.00
DK426L-2190	2.19	25.00	3.00	60.00
DK426L-2200	2.20	25.00	3.00	60.00
DK426L-2210	2.21	25.00	3.00	60.00
DK426L-2220	2.22	25.00	3.00	60.00
DK426L-2230	2.23	25.00	3.00	60.00
DK426L-2240	2.24	25.00	3.00	60.00
DK426L-2250	2.25	25.00	3.00	60.00
DK426L-2260	2.26	25.00	3.00	60.00
DK426L-2270	2.27	25.00	3.00	60.00
DK426L-2280	2.28	25.00	3.00	60.00
DK426L-2290	2.29	25.00	3.00	60.00
DK426L-2300	2.30	25.00	3.00	60.00
DK426L-2310	2.31	25.00	3.00	60.00
DK426L-2320	2.32	25.00	3.00	60.00
DK426L-2330	2.33	25.00	3.00	60.00
DK426L-2340	2.34	25.00	3.00	60.00
DK426L-2350	2.35	25.00	3.00	60.00
DK426L-2360	2.36	25.00	3.00	60.00
DK426L-2370	2.37	25.00	3.00	60.00
DK426L-2380	2.38	25.00	3.00	60.00
DK426L-2390	2.39	25.00	3.00	60.00
DK426L-2400	2.40	25.00	3.00	60.00
DK426L-2410	2.41	25.00	3.00	60.00
DK426L-2420	2.42	25.00	3.00	60.00
DK426L-2430	2.43	25.00	3.00	60.00
DK426L-2440	2.44	25.00	3.00	60.00
DK426L-2450	2.45	25.00	3.00	60.00
DK426L-2460	2.46	25.00	3.00	60.00
DK426L-2470	2.47	25.00	3.00	60.00
DK426L-2480	2.48	25.00	3.00	60.00
DK426L-2490	2.49	25.00	3.00	60.00
DK426L-2500	2.50	25.00	3.00	60.00
DK426L-2510	2.51	25.00	3.00	60.00
DK426L-2520	2.52	25.00	3.00	60.00
DK426L-2530	2.53	25.00	3.00	60.00
DK426L-2540	2.54	25.00	3.00	60.00
DK426L-2550	2.55	25.00	3.00	60.00
DK426L-2560	2.56	25.00	3.00	60.00
DK426L-2570	2.57	25.00	3.00	60.00
DK426L-2580	2.58	25.00	3.00	60.00

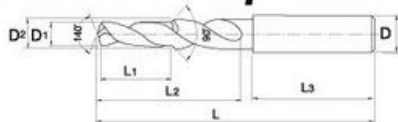
Oder No	D1	L	L1	D
DK426L-2590	2.59	25.00	3.00	60.00
DK426L-2600	2.60	25.00	3.00	60.00
DK426L-2610	2.61	25.00	3.00	60.00
DK426L-2620	2.62	25.00	3.00	60.00
DK426L-2630	2.63	25.00	3.00	60.00
DK426L-2640	2.64	25.00	3.00	60.00
DK426L-2650	2.65	25.00	3.00	60.00
DK426L-2660	2.66	25.00	3.00	60.00
DK426L-2670	2.67	25.00	3.00	60.00
DK426L-2680	2.68	25.00	3.00	60.00
DK426L-2690	2.69	25.00	3.00	60.00
DK426L-2700	2.70	25.00	3.00	60.00
DK426L-2710	2.71	25.00	3.00	60.00
DK426L-2720	2.72	25.00	3.00	60.00
DK426L-2730	2.73	25.00	3.00	60.00
DK426L-2740	2.74	25.00	3.00	60.00
DK426L-2750	2.75	25.00	3.00	60.00
DK426L-2760	2.76	25.00	3.00	60.00
DK426L-2770	2.77	25.00	3.00	60.00
DK426L-2780	2.78	25.00	3.00	60.00
DK426L-2790	2.79	25.00	3.00	60.00
DK426L-2800	2.80	25.00	3.00	60.00
DK426L-2810	2.81	25.00	3.00	60.00
DK426L-2820	2.82	25.00	3.00	60.00
DK426L-2830	2.83	25.00	3.00	60.00
DK426L-2840	2.84	25.00	3.00	60.00
DK426L-2850	2.85	25.00	3.00	60.00
DK426L-2860	2.86	25.00	3.00	60.00
DK426L-2870	2.87	25.00	3.00	60.00
DK426L-2880	2.88	25.00	3.00	60.00
DK426L-2890	2.89	25.00	3.00	60.00
DK426L-2900	2.90	25.00	3.00	60.00
DK426L-2910	2.91	25.00	3.00	60.00
DK426L-2920	2.92	25.00	3.00	60.00
DK426L-2930	2.93	25.00	3.00	60.00
DK426L-2940	2.94	25.00	3.00	60.00
DK426L-2950	2.95	25.00	3.00	60.00
DK426L-2960	2.96	25.00	3.00	60.00
DK426L-2970	2.97	25.00	3.00	60.00
DK426L-2980	2.98	25.00	3.00	60.00
DK426L-2990	2.99	25.00	3.00	60.00
DK426L-3000	3.00	25.00	3.00	60.00

Carbide core drill 60°, 90°, 120°



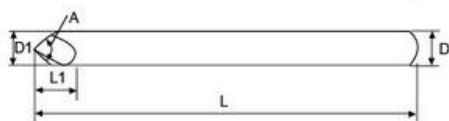
Oder No	D1	L1	D	L
DK650003	3.00	12.00	3.00	50.00
DK650004	4.00	13.00	4.00	50.00
DK650005	5.00	16.00	5.00	50.00
DK650006	6.00	22.00	6.00	50.00
DK650008	8.00	24.00	8.00	60.00
DK650010	10.00	24.00	10.00	72.00
DK650012	12.00	28.00	12.00	75.00
DK650014	14.00	30.00	14.00	80.00
DK650016	16.00	32.00	16.00	90.00
DK650018	18.00	35.00	18.00	100.00
DK650020	20.00	38.00	20.00	100.00

Carbide step drill



Oder No	D1	D2	D	L1	L2	L3	L
DK660003	3.30	4.50	6.00	11.40	28.00	36.00	66.00
DK660004	4.20	6.00	6.00	13.60	28.00	36.00	66.00
DK660005	5.00	7.00	8.00	16.50	41.00	36.00	79.00
DK660006	6.80	9.50	10.00	21.00	47.00	40.00	89.00
DK660008	8.50	12.00	12.00	25.50	55.00	45.00	102.00
DK660010	10.25	14.00	14.00	30.00	60.00	45.00	107.00
DK660012	12.00	16.00	16.00	34.50	65.00	48.00	115.00
DK660014	14.00	18.00	18.00	38.50	73.00	48.00	123.00
DK660007	7.00	9.80	10.00	21.00	47.00	40.00	89.00
DK660009	9.00	12.00	12.00	25.50	55.00	45.00	102.00
DK660105	10.50	14.00	14.00	30.00	60.00	45.00	107.00
DK660125	12.50	16.00	16.00	34.50	65.00	48.00	115.00
DK660145	14.50	18.00	18.00	38.50	73.00	48.00	123.00

Carbide Chamfering Cutter 60°, 90°, 120°

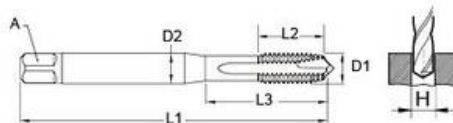


Oder No	D1	L1	A	L	D
DV670001	1.00	3.00	90.00	50.00	4.00
DV670002	2.00	3.00	90.00	50.00	4.00
DV670003	3.00	3.00	90.00	50.00	4.00
DV670004	4.00	4.00	90.00	50.00	4.00
DV670006	6.00	6.00	90.00	50.00	6.00
DV670008	8.00	8.00	90.00	60.00	8.00
DV670010	10.00	10.00	90.00	72.00	10.00
DV670012	12.00	12.00	90.00	75.00	12.00
DV670014	14.00	14.00	90.00	80.00	14.00
DV670016	16.00	16.00	90.00	90.00	16.00

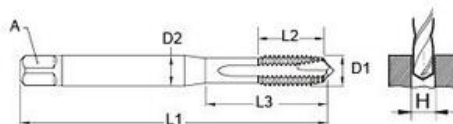


SYNCHRONOUS SOLUTION

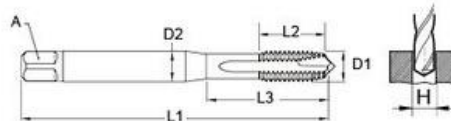
AN MI TOOLS



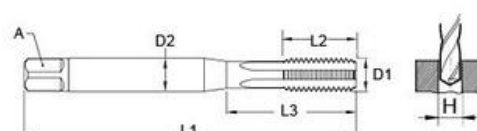
Oder No	D1	P	D2	A	H	L1	L2
TR14100200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR14100250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR14100300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR14100400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR14100500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR14100600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR14100800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR14101000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR14201200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR14201400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR14201600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR14201800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR14202000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR14202400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR14203000	M30	3.50	22.00	18.00	26.50	180.00	40.00



Oder No	D1	P	D2	A	H	L1	L2
TR14300200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR14300250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR14300300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR14300400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR14300500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR14300600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR14300800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR14301000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR14401200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR14401400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR14401600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR14401800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR14402000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR14402400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR14403000	M30	3.50	22.00	18.00	26.50	180.00	40.00



Oder No	D1	P	D2	A	H	L1	L2
TR14500200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR14500250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR14500300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR14500400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR14500500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR14500600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR14500800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR14501000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR14601200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR14601400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR14601600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR14601800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR14602000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR14602400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR14603000	M30	3.50	22.00	18.00	26.50	180.00	40.00

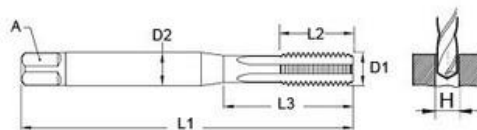


Oder No	D1	P	D2	A	H	L1	L2
TR14700200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR14700250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR14700300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR14700400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR14700500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR14700600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR14700800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR14701000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR14801200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR14801400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR14801600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR14801800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR14802000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR14802400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR14803000	M30	3.50	22.00	18.00	26.50	180.00	40.00

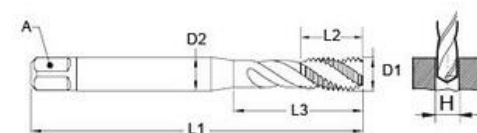


SYNCHRONOUS SOLUTION

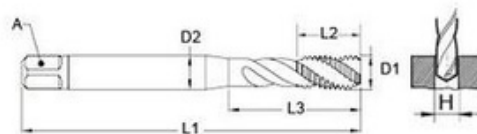
AN MI TOOLS



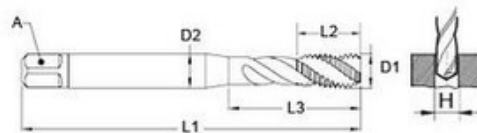
Oder No	D1	P	D2	A	H	L1	L2
TR14900200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR14900250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR14900300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR14900400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR14900500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR14900600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR14900800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR14901000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR15001200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR15001400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR15001600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR15001800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR15002000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR15002400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR15003000	M30	3.50	22.00	18.00	26.50	180.00	40.00



Oder No	D1	P	D2	A	H	L1	L2
TR15100200	M2	0.40	2.80	2.10	1.60	45.00	6.00
TR15100250	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
TR15100300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR15100400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR15100500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR15100600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR15100800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR15101000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR15201200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR15201400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR15201600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR15201800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR15202000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR15202400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR15203000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR15300200	M2	0.40	2.80	2.10	1.60	45.00	6.00
TR15300250	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
TR15300300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR15300400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR15300500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR15300600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR15300800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR15301000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR15401200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR15401400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR15401600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR15401800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR15402000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR15402400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR15403000	M30	3.50	22.00	18.00	26.50	180.00	35.00

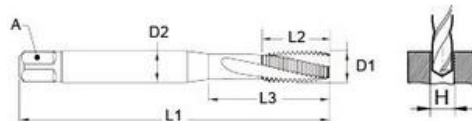


Oder No	D1	P	D2	A	H	L1	L2
AMSD05- M2	M2	0.40	2.80	2.10	1.60	45.00	6.00
AMSD05- M2.5	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
AMSD05- M3	M3	0.50	3.50	2.70	2.50	56.00	6.00
AMSD05- M4	M4	0.70	4.50	3.40	3.30	63.00	7.50
AMSD05- M5	M5	0.80	6.00	4.90	4.20	70.00	8.50
AMSD05- M6	M6	1.00	6.00	4.90	5.00	80.00	11.00
AMSD05- M8	M8	1.25	8.00	6.20	6.80	90.00	14.00
AMSD05- M10	M10	1.50	10.00	8.00	8.50	100.00	16.00
AMSD05- M12	M12	1.75	9.00	7.00	10.20	110.00	18.50
AMSD05- M14	M14	2.00	11.00	9.00	12.00	110.00	20.00
AMSD05- M16	M16	2.00	12.00	9.00	14.00	110.00	20.00
AMSD05- M18	M18	2.50	14.00	11.00	15.50	125.00	25.00
AMSD05- M20	M20	2.50	16.00	12.00	17.50	140.00	25.00
AMSD05- M24	M24	3.00	18.00	14.50	21.00	160.00	30.00
AMSD05- M30	M30	3.50	22.00	18.00	26.50	180.00	35.00

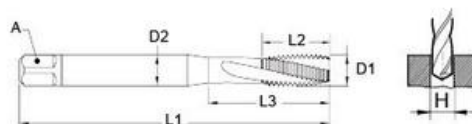


SYNCHRONOUS SOLUTION

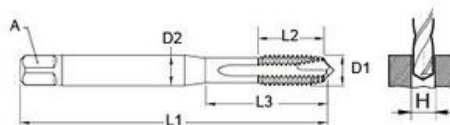
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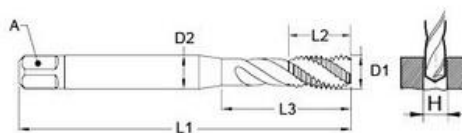
Oder No	D1	P	D2	A	H	L1	L2
TR15700200	M2	0.40	2.80	2.10	1.60	45.00	6.00
TR15700250	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
TR15700300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR15700400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR15700500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR15700600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR15700800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR15701000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR15801200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR15801400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR15801600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR15801800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR15802000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR15802400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR15803000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR15900200	M2	0.40	2.80	2.10	1.60	45.00	6.00
TR15900250	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
TR15900300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR15900400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR15900500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR15900600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR15900800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR15901000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR16001200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR16001400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR16001600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR16001800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR16002000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR16002400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR16003000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR16100200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR16100250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR16100300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR16100400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR16100500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR16100600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR16100800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR16101000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR16201200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR16201400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR16201600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR16201800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR16202000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR16202400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR16203000	M30	3.50	22.00	18.00	26.50	180.00	40.00



Oder No	D1	P	D2	A	H	L1	L2
TR16300200	M2	0.40	2.80	2.10	1.60	45.00	6.00
TR16300250	M2.5	0.45	2.80	2.10	2.05	50.00	6.00
TR16300300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR16300400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR16300500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR16300600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR16300800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR16301000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR16401200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR16401400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR16401600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR16401800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR16402000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR16402400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR16403000	M30	3.50	22.00	18.00	26.50	180.00	35.00



SYNCHRONOUS SOLUTION

AN MI TOOLS

HSSE
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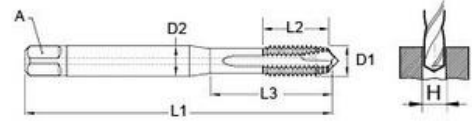
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Oder No	D1	P	D2	A	H	L1	L2
TR16500300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR16500400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR16500500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR16500600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR16500800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR16501000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR16601200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR16601400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR16601600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR16601800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR16602000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR16602400	M24	3.00	18.00	14.50	21.00	160.00	36.00
TR16603000	M30	3.50	22.00	18.00	26.50	180.00	40.00

HSSE
PM

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TiAlN

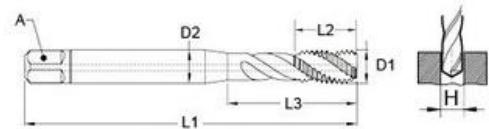
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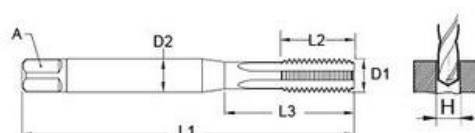
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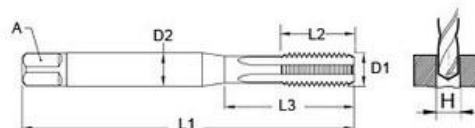
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Oder No	D1	P	D2	A	H	L1	L2
TR16700300	M3	0.50	3.50	2.70	2.50	56.00	6.00
TR16700400	M4	0.70	4.50	3.40	3.30	63.00	7.50
TR16700500	M5	0.80	6.00	4.90	4.20	70.00	8.50
TR16700600	M6	1.00	6.00	4.90	5.00	80.00	11.00
TR16700800	M8	1.25	8.00	6.20	6.80	90.00	14.00
TR16701000	M10	1.50	10.00	8.00	8.50	100.00	16.00
TR16801200	M12	1.75	9.00	7.00	10.20	110.00	18.50
TR16801400	M14	2.00	11.00	9.00	12.00	110.00	20.00
TR16801600	M16	2.00	12.00	9.00	14.00	110.00	20.00
TR16801800	M18	2.50	14.00	11.00	15.50	125.00	25.00
TR16802000	M20	2.50	16.00	12.00	17.50	140.00	25.00
TR16802400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR16803000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR17100200	M2	0.40	2.80	2.10	1.85	45.00	7.00
TR17100250	M2.5	0.45	2.80	2.10	2.30	50.00	9.00
TR17100300	M3	0.50	3.50	2.70	2.80	56.00	10.00
TR17100400	M4	0.70	4.50	3.40	3.70	63.00	12.00
TR17100500	M5	0.80	6.00	4.90	4.65	70.00	14.00
TR17100600	M6	1.00	6.00	4.90	5.55	80.00	16.00
TR17100800	M7	1.25	8.00	6.20	7.40	90.00	18.00
TR17101000	M10	1.50	10.00	8.00	9.30	100.00	20.00
TR17201200	M12	1.75	9.00	7.00	11.20	110.00	24.00
TR17201400	M14	2.00	11.00	9.00	13.10	110.00	25.00
TR17201600	M16	2.00	12.00	9.00	15.10	110.00	28.00
TR17201800	M18	2.50	14.00	11.00	16.90	125.00	28.00
TR17202000	M20	2.50	16.00	12.00	18.90	140.00	30.00



Oder No	D1	P	D2	A	H	L1	L2
TR17300200	M2	0.40	2.80	2.10	1.85	45.00	7.00
TR17300250	M2.5	0.45	2.80	2.10	2.30	50.00	9.00
TR17300300	M3	0.50	3.50	2.70	2.80	56.00	10.00
TR17300400	M4	0.70	4.50	3.40	3.70	63.00	12.00
TR17300500	M5	0.80	6.00	4.90	4.65	70.00	14.00
TR17300600	M6	1.00	6.00	4.90	5.55	80.00	16.00
TR17300800	M7	1.25	8.00	6.20	7.40	90.00	18.00
TR17301000	M10	1.50	10.00	8.00	9.30	100.00	20.00
TR17401200	M12	1.75	9.00	7.00	11.20	110.00	24.00
TR17401400	M14	2.00	11.00	9.00	13.10	110.00	25.00
TR17401600	M16	2.00	12.00	9.00	15.10	110.00	28.00
TR17401800	M18	2.50	14.00	11.00	16.90	125.00	28.00
TR17402000	M20	2.50	16.00	12.00	18.90	140.00	30.00



SYNCHRONOUS SOLUTION

AN MI TOOLS

HSSE
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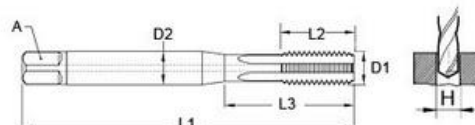
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M

H



Oder No	D1	P	D2	A	H	L1	L2
TR17500300	M3	0.50	3.50	2.70	2.80	56.00	10.00
TR17500400	M4	0.70	4.50	3.40	3.70	63.00	12.00
TR17500500	M5	0.80	6.00	4.90	4.65	70.00	14.00
TR17500600	M6	1.00	6.00	4.90	5.55	80.00	16.00
TR17500800	M7	1.25	8.00	6.20	7.40	90.00	18.00
TR17501000	M10	1.50	10.00	8.00	9.30	100.00	20.00
TR17601200	M12	1.75	9.00	7.00	11.20	110.00	24.00
TR17601400	M14	2.00	11.00	9.00	13.10	110.00	25.00
TR17601600	M16	2.00	12.00	9.00	15.10	110.00	28.00
TR17601800	M18	2.50	14.00	11.00	16.90	125.00	28.00
TR17602000	M20	2.50	16.00	12.00	18.90	140.00	30.00

Carbide

DIN
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6H



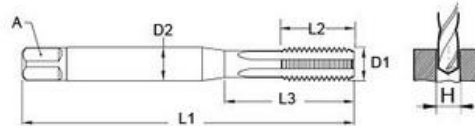
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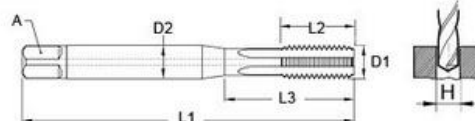
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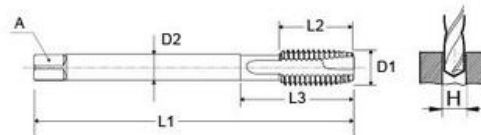
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Oder No	D1	P	D2	A	H	L1	L2
TR17700200	M2	0.40	2.80	2.10	1.85	45.00	7.00
TR17700250	M2.5	0.45	2.80	2.10	2.30	50.00	9.00
TR17700300	M3	0.50	3.50	2.70	2.80	56.00	10.00
TR17700400	M4	0.70	4.50	3.40	3.70	63.00	12.00
TR17700500	M5	0.80	6.00	4.90	4.65	70.00	14.00
TR17700600	M6	1.00	6.00	4.90	5.55	80.00	16.00
TR17700800	M7	1.25	8.00	6.20	7.40	90.00	18.00
TR17701000	M10	1.50	10.00	8.00	9.30	100.00	20.00
TR17801200	M12	1.75	9.00	7.00	11.20	110.00	24.00
TR17801400	M14	2.00	11.00	9.00	13.10	110.00	25.00
TR17801600	M16	2.00	12.00	9.00	15.10	110.00	28.00
TR17801800	M18	2.50	14.00	11.00	16.90	125.00	28.00
TR17802000	M20	2.50	16.00	12.00	18.90	140.00	30.00



Oder No	D1	P	D2	A	H	L1	L2
TR17900300	M3	0.50	3.50	2.70	2.80	56.00	10.00
TR17900400	M4	0.70	4.50	3.40	3.70	63.00	12.00
TR17900500	M5	0.80	6.00	4.90	4.65	70.00	14.00
TR17900600	M6	1.00	6.00	4.90	5.55	80.00	16.00
TR17900800	M7	1.25	8.00	6.20	7.40	90.00	18.00
TR17901000	M10	1.50	10.00	8.00	9.30	100.00	20.00
TR18001200	M12	1.75	9.00	7.00	11.20	110.00	24.00
TR18001400	M14	2.00	11.00	9.00	13.10	110.00	25.00
TR18001600	M16	2.00	12.00	9.00	15.10	110.00	28.00
TR18001800	M18	2.50	14.00	11.00	16.90	125.00	28.00
TR18002000	M20	2.50	16.00	12.00	18.90	140.00	30.00

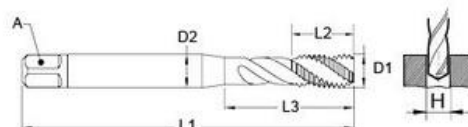


Oder No	G	P	D1	L1	L2	D2	A	Z	H
TR18100300	1/8"	28	9.728	90.00	18.00	7.00	5.50	4.00	8.80
TR18100400	1/4"	19	13.157	100.00	22.00	11.00	9.00	4.00	11.80
TR18100500	3/8"	19	16.662	100.00	22.00	12.00	9.00	4.00	15.25
TR18100600	1/2"	14	20.955	125.00	25.00	16.00	12.00	4.00	19.00
TR18100700	5/8"	14	22.911	125.00	25.00	18.00	14.50	4.00	21.00
TR18100800	3/4"	14	26.441	140.00	28.00	20.00	16.00	4.00	24.50
TR18100900	7/8"	14	30.201	150.00	28.00	22.00	18.00	4.00	28.25
TR18101000	1"	11	33.249	160.00	30.00	25.00	20.00	4.00	30.75
TR18101100	1 1/8"	11	37.897	170.00	30.00	28.00	22.00	5.00	35.50
TR18101200	1 1/4"	11	41.91	170.00	30.00	32.00	24.00	5.00	39.50
TR18101300	1 1/2"	11	47.803	190.00	32.00	36.00	29.00	5.00	45.25

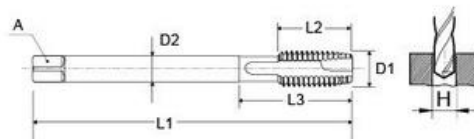


SYNCHRONOUS SOLUTION

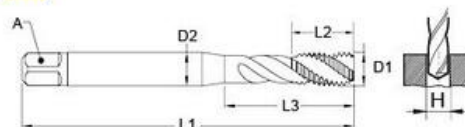
AN MI TOOLS



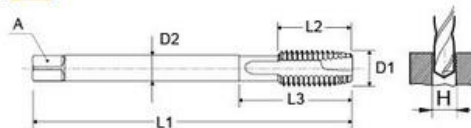
Oder No	G	P	D1	L1	L2	D2	A	Z	H
TR18200300	1/8"	28	9.728	90.00	18.00	7.00	5.50	4.00	8.80
TR18200400	1/4"	19	13.157	100.00	22.00	11.00	9.00	4.00	11.80
TR18200500	3/8"	19	16.662	100.00	22.00	12.00	9.00	4.00	15.25
TR18200600	1/2"	14	20.955	125.00	25.00	16.00	12.00	4.00	19.00
TR18200700	5/8"	14	22.911	125.00	25.00	18.00	14.50	4.00	21.00
TR18200800	3/4"	14	26.441	140.00	28.00	20.00	16.00	4.00	24.50
TR18200900	7/8"	14	30.201	150.00	28.00	22.00	18.00	4.00	28.25
TR18201000	1"	11	33.249	160.00	30.00	25.00	20.00	4.00	30.75
TR18201100	1 1/8"	11	37.897	170.00	30.00	28.00	22.00	5.00	35.50
TR18201200	1 1/4"	11	41.91	170.00	30.00	32.00	24.00	5.00	39.50
TR18201300	1 1/2"	11	47.803	190.00	32.00	36.00	29.00	5.00	45.25



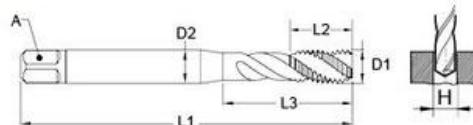
Oder No	UNC	P	D1	L1	L2	D2	A	Z	H
TR18300200	No.2	56	2.184	45.00	8.00	2.80	2.10	2.00	1.85
TR18300300	No.3	48	2.515	50.00	9.00	2.80	2.10	3.00	2.10
TR18300400	No.4	40	2.845	56.00	10.00	3.50	2.70	3.00	2.35
TR18300500	No.5	40	3.175	56.00	10.00	3.50	2.70	3.00	2.65
TR18300600	No.6	32	3.505	56.00	11.00	4.00	3.00	3.00	2.85
TR18300800	No.8	32	4.166	63.00	13.00	4.50	3.40	3.00	3.50
TR18301000	No.10	24	4.826	70.00	16.00	6.00	4.90	3.00	3.90
TR18301200	No.12	24	5.486	80.00	16.00	6.00	4.90	3.00	4.50
TR18301500	1/4"	20	6.35	80.00	17.00	7.00	5.50	3.00	5.10
TR18301600	5/16"	18	7.938	90.00	18.00	6.00	4.90	3.00	6.60
TR18301700	3/8"	16	9.525	100.00	22.00	7.00	5.50	3.00	8.00
TR18301800	7/16"	14	11.113	100.00	24.00	8.00	6.20	3.00	9.40
TR18301900	1/2"	13	12.70	110.00	26.00	9.00	7.00	3.00	10.80
TR18302000	9/16"	12	14.288	110.00	28.00	11.00	9.00	3.00	12.20
TR18302100	5/8"	11	15.875	110.00	28.00	12.00	9.00	3.00	13.50
TR18302200	3/4"	10	19.05	125.00	32.00	14.00	11.00	4.00	16.50
TR18302300	7/8"	9	22.225	140.00	32.00	18.00	14.50	4.00	19.50
TR18302400	1"	8	25.40	160.00	36.00	18.00	14.50	4.00	22.25
TR18302500	1 1/8"	7	28.575	180.00	40.00	22.00	18.00	4.00	25.00
TR18302600	1 1/4"	7	31.75	180.00	40.00	22.00	18.00	4.00	28.00
TR18302700	1 3/8"	6	34.925	200.00	50.00	28.00	22.00	4.00	30.75
TR18302800	1 1/2"	6	38.10	200.00	50.00	28.00	22.00	4.00	34.00



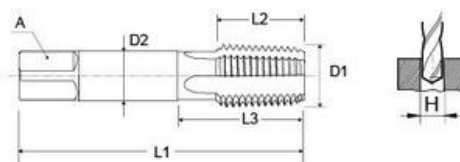
Oder No	UNC	P	D1	L1	L2	D2	A	Z	H
TR18400200	No.2	56	2.184	45.00	8.00	2.80	2.10	2.00	1.85
TR18400300	No.3	48	2.515	50.00	9.00	2.80	2.10	3.00	2.10
TR18400400	No.4	40	2.845	56.00	10.00	3.50	2.70	3.00	2.35
TR18400500	No.5	40	3.175	56.00	10.00	3.50	2.70	3.00	2.65
TR18400600	No.6	32	3.505	56.00	11.00	4.00	3.00	3.00	2.85
TR18400800	No.8	32	4.166	63.00	13.00	4.50	3.40	3.00	3.50
TR18401000	No.10	24	4.826	70.00	16.00	6.00	4.90	3.00	3.90
TR18401200	No.12	24	5.486	80.00	16.00	6.00	4.90	3.00	4.50
TR18401500	1/4"	20	6.35	80.00	17.00	7.00	5.50	3.00	5.10
TR18401600	5/16"	18	7.938	90.00	18.00	6.00	4.90	3.00	6.60
TR18401700	3/8"	16	9.525	100.00	22.00	7.00	5.50	3.00	8.00
TR18401800	7/16"	14	11.113	100.00	24.00	8.00	6.20	3.00	9.40
TR18401900	1/2"	13	12.70	110.00	26.00	9.00	7.00	4.00	10.80
TR18402000	9/16"	12	14.288	110.00	28.00	11.00	9.00	4.00	12.20
TR18402100	5/8"	11	15.875	110.00	28.00	12.00	9.00	4.00	13.50
TR18402200	3/4"	10	19.05	125.00	32.00	14.00	11.00	4.00	16.50
TR18402300	7/8"	9	22.225	140.00	32.00	18.00	14.50	4.00	19.50
TR18402400	1"	8	25.40	160.00	36.00	18.00	14.50	4.00	22.25
TR18402500	1 1/8"	7	28.575	180.00	40.00	22.00	18.00	4.00	25.00
TR18402600	1 1/4"	7	31.75	180.00	40.00	22.00	18.00	4.00	28.00
TR18402700	1 3/8"	6	34.925	200.00	50.00	28.00	22.00	4.00	30.75
TR18402800	1 1/2"	6	38.10	200.00	50.00	28.00	22.00	4.00	34.00



Oder No	UNF	P	D1	L1	L2	D2	A	Z	H
TR18500200	Nr.2	64	2.184	45.00	8.00	2.80	2.10	2.00	1.85
TR18500300	Nr.3	56	2.515	50.00	9.00	2.80	2.10	3.00	2.15
TR18500400	Nr.4	48	2.845	56.00	10.00	3.50	2.70	3.00	2.40
TR18500500	Nr.5	44	3.175	56.00	10.00	3.50	2.70	3.00	2.70
TR18500600	Nr.6	40	3.505	56.00	11.00	4.00	3.00	3.00	2.95
TR18500800	Nr.8	36	4.166	63.00	12.00	4.50	3.40	3.00	3.50
TR18501000	Nr.10	32	4.826	70.00	14.00	6.00	4.90	3.00	4.10
TR18501200	Nr.12	28	5.486	80.00	16.00	6.00	4.90	3.00	4.60
TR18501500	1/4"	28	6.35	80.00	16.00	7.00	5.50	3.00	5.50
TR18501600	5/16"	24	7.938	90.00	18.00	6.00	4.90	3.00	6.90
TR18501700	3/8"	24	9.525	90.00	18.00	7.00	5.50	3.00	8.50
TR18501800	7/16"	20	11.113	100.00	20.00	8.00	6.20	3.00	9.90
TR18501900	1/2"	20	12.70	100.00	22.00	9.00	7.00	4.00	11.50
TR18502000	9/16"	18	14.288	100.00	22.00	11.00	9.00	4.00	12.90
TR18502100	5/8"	18	15.875	100.00	22.00	12.00	9.00	4.00	14.50
TR18502200	3/4"	16	19.05	110.00	25.00	14.00	11.00	4.00	17.50
TR18502300	7/8"	14	22.225	125.00	25.00	18.00	14.50	4.00	20.40
TR18502400	1"	12	25.40	140.00	28.00	18.00	14.50	4.00	23.25
TR18502500	1 1/8"	7	28.575	180.00	40.00	22.00	18.00	4.00	25.00
TR18502600	1 1/4"	7	31.75	180.00	40.00	22.00	18.00	4.00	28.00
TR18502700	1 3/8"	6	34.925	200.00	50.00	28.00	22.00	4.00	30.75
TR18502800	1 1/2"	6	38.10	200.00	50.00	28.00	22.00	4.00	34.00



Oder No	UNF	P	D1	L1	L2	D2	A	Z	H
TR18600200	Nr.2	64	2.184	45.00	8.00	2.80	2.10	2.00	1.85
TR18600300	Nr.3	56	2.515	50.00	9.00	2.80	2.10	3.00	2.15
TR18600400	Nr.4	48	2.845	56.00	10.00	3.50	2.70	3.00	2.40
TR18600500	Nr.5	44	3.175	56.00	10.00	3.50	2.70	3.00	2.70
TR18600600	Nr.6	40	3.505	56.00	11.00	4.00	3.00	3.00	2.95
TR18600800	Nr.8	36	4.166	63.00	12.00	4.50	3.40	3.00	3.50
TR18601000	Nr.10	32	4.826	70.00	14.00	6.00	4.90	3.00	4.10
TR18601200	Nr.12	28	5.486	80.00	16.00	6.00	4.90	3.00	4.60
TR18601500	1/4"	28	6.35	80.00	16.00	7.00	5.50	3.00	5.50
TR18601600	5/16"	24	7.938	90.00	18.00	6.00	4.90	3.00	6.90
TR18601700	3/8"	24	9.525	90.00	18.00	7.00	5.50	3.00	8.50
TR18601800	7/16"	20	11.113	100.00	20.00	8.00	6.20	3.00	9.90
TR18601900	1/2"	20	12.70	100.00	22.00	9.00	7.00	4.00	11.50
TR18602000	9/16"	18	14.288	100.00	22.00	11.00	9.00	4.00	12.90
TR18602100	5/8"	18	15.875	100.00	22.00	12.00	9.00	4.00	14.50
TR18602200	3/4"	16	19.05	110.00	25.00	14.00	11.00	4.00	17.50
TR18602300	7/8"	14	22.225	125.00	25.00	18.00	14.50	4.00	20.40
TR18602400	1"	12	25.40	140.00	28.00	18.00	14.50	4.00	23.25
TR18602500	11/8"	7	28.575	180.00	40.00	22.00	18.00	4.00	25.00
TR18602600	11/4"	7	31.75	180.00	40.00	22.00	18.00	4.00	28.00
TR18602700	1 3/8"	6	34.925	200.00	50.00	28.00	22.00	4.00	30.75
TR18602800	11/2"	6	38.10	200.00	50.00	28.00	22.00	4.00	34.00

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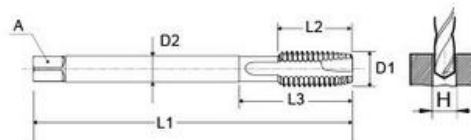
HSSE

DIN 352

ISO 2 6H



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Oder No	D1	P	D2	A	H	L1	L2
TR24100200	M2	0.40	2.80	2.10	1.60	36.00	8.00
TR24100250	M2.5	0.45	2.80	2.10	2.05	40.00	9.00
TR24100300	M3	0.50	3.50	2.70	2.50	40.00	10.00
TR24100400	M4	0.70	4.50	3.40	3.30	45.00	12.00
TR24100500	M5	0.80	6.00	4.90	4.20	50.00	14.00
TR24100600	M6	1.00	6.00	4.90	5.00	56.00	16.00
TR24100800	M8	1.25	6.00	4.90	6.80	63.00	18.00
TR24101000	M10	1.50	7.00	5.50	8.50	70.00	20.00
TR24101200	M12	1.75	9.00	7.00	10.20	75.00	24.00
TR24101400	M14	2.00	11.00	9.00	12.00	80.00	26.00
TR24101600	M16	2.00	12.00	9.00	14.00	80.00	26.00
TR24101800	M18	2.50	14.00	11.00	15.50	95.00	30.00
TR24102000	M20	2.50	16.00	12.00	17.50	95.00	32.00
TR24102400	M24	3.00	18.00	14.50	21.00	110.00	36.00

HSSE

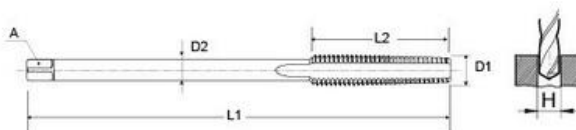
DIN 357

ISO 2 6H



TiAIN

P K

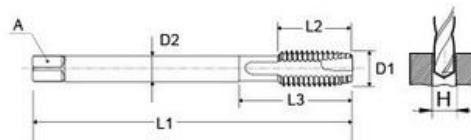
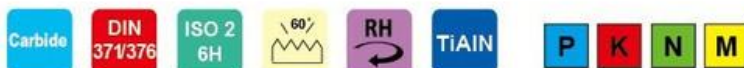


Oder No	D1	P	L1	L2	D2	A	Z	H
TR24300400	M4	0.70	90.00	25.00	2.80	2.10	3.00	3.30
TR24300500	M5	0.80	100.00	28.00	3.50	2.40	3.00	4.20
TR24300600	M6	1.00	110.00	32.00	4.50	3.40	3.00	5.00
TR24300800	M8	1.25	125.00	40.00	6.00	4.90	3.00	6.80
TR24301000	M10	1.50	140.00	45.00	7.00	5.50	3.00	8.50
TR24301200	M12	1.75	180.00	50.00	9.00	7.00	3.00	10.20
TR24301400	M14	2.00	200.00	56.00	11.00	9.00	3.00	12.00
TR24301600	M16	2.00	200.00	63.00	12.00	9.00	3.00	14.00
TR24301800	M18	2.50	220.00	63.00	14.00	11.00	3.00	15.50
TR24302000	M20	2.50	250.00	70.00	16.00	12.00	3.00	17.50
TR24302200	M22	2.50	280.00	80.00	18.00	14.50	3.00	19.50
TR24302400	M24	3.00	280.00	80.00	18.00	14.50	3.00	21.00
TR24302700	M27	3.00	315.00	90.00	20.00	16.00	3.00	24.00
TR24303000	M30	3.50	315.00	100.00	22.00	18.00	3.00	26.50

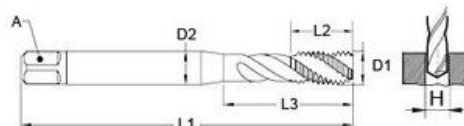


SYNCHRONOUS SOLUTION

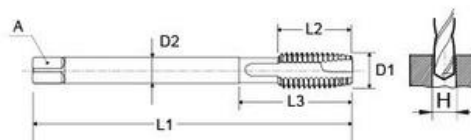
AN MI TOOLS



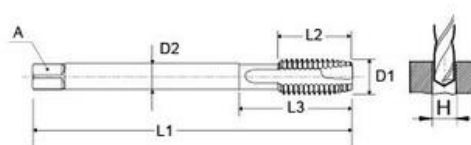
Oder No	D1	P	D2	A	H	L1	L2
TR24500200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR24500250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR24500300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR24500400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR24500500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR24500600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR24500800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR24501000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR24601200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR24601400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR24601600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR24601800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR24602000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR24602400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR24603000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR24700200	M2	0.40	2.80	2.10	1.60	45.00	8.00
TR24700250	M2.5	0.45	2.80	2.10	2.05	50.00	8.00
TR24700300	M3	0.50	3.50	2.70	2.50	56.00	10.00
TR24700400	M4	0.70	4.50	3.40	3.30	63.00	12.00
TR24700500	M5	0.80	6.00	4.90	4.20	70.00	14.00
TR24700600	M6	1.00	6.00	4.90	5.00	80.00	16.00
TR24700800	M8	1.25	8.00	6.20	6.80	90.00	18.00
TR24701000	M10	1.50	10.00	8.00	8.50	100.00	20.00
TR24801200	M12	1.75	9.00	7.00	10.20	110.00	24.00
TR24801400	M14	2.00	11.00	9.00	12.00	110.00	26.00
TR24801600	M16	2.00	12.00	9.00	14.00	110.00	26.00
TR24801800	M18	2.50	14.00	11.00	15.50	125.00	30.00
TR24802000	M20	2.50	16.00	12.00	17.50	140.00	32.00
TR24802400	M24	3.00	18.00	14.50	21.00	160.00	30.00
TR24803000	M30	3.50	22.00	18.00	26.50	180.00	35.00



Oder No	D1	P	D2	A	H	L1	L2
TR34100200	M2	0.40	3.00	2.50	1.60	40.00	9.00
TR34100250	M2.5	0.45	3.00	2.50	2.10	44.00	9.50
TR34100300	M3	0.50	4.00	3.20	2.50	46.00	11.00
TR34100400	M4	0.70	5.00	4.00	3.30	52.00	13.00
TR34100500	M5	0.80	5.50	4.50	4.20	60.00	16.00
TR34100600	M6	1.00	6.00	4.50	5.00	62.00	19.00
TR34100800	M8	1.25	6.20	5.00	6.80	70.00	22.00
TR34101000	M10	1.50	7.00	5.50	8.50	75.00	24.00
TR34201200	M12	1.75	8.50	6.50	10.30	82.00	29.00
TR34201400	M14	2.00	10.50	8.00	12.00	88.00	30.00
TR34201600	M16	2.00	12.50	10.00	14.00	95.00	32.00
TR34201800	M18	2.50	14.00	11.00	15.50	100.00	37.00
TR34202000	M20	2.50	15.00	12.00	17.50	105.00	37.00
TR34202400	M24	3.00	19.00	15.00	21.00	120.00	45.00
TR34203000	M30	3.50	23.00	17.00	26.50	135.00	48.00

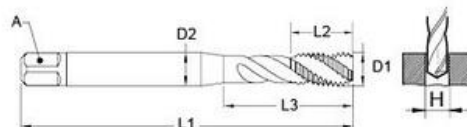


Oder No	D1	P	D2	A	H	L1	L2
TR34300200	M2	0.40	3.00	2.50	1.60	40.00	9.00
TR34300250	M2.5	0.45	3.00	2.50	2.10	44.00	9.50
TR34300300	M3	0.50	4.00	3.20	2.50	46.00	11.00
TR34300400	M4	0.70	5.00	4.00	3.30	52.00	13.00
TR34300500	M5	0.80	5.50	4.50	4.20	60.00	16.00
TR34300600	M6	1.00	6.00	4.50	5.00	62.00	19.00
TR34300800	M8	1.25	6.20	5.00	6.80	70.00	22.00
TR34301000	M10	1.50	7.00	5.50	8.50	75.00	24.00
TR34301200	M12	1.75	8.50	6.50	10.30	82.00	29.00
TR34301400	M14	2.00	10.50	8.00	12.00	88.00	30.00
TR34301600	M16	2.00	12.50	10.00	14.00	95.00	32.00
TR34301800	M18	2.50	14.00	11.00	15.50	100.00	37.00
TR34302000	M20	2.50	15.00	12.00	17.50	105.00	37.00
TR34302400	M24	3.00	19.00	15.00	21.00	120.00	45.00
TR34303000	M30	3.50	23.00	17.00	26.50	135.00	48.00

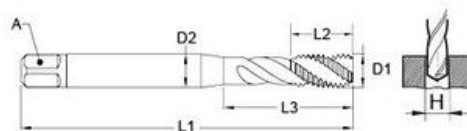


SYNCHRONOUS SOLUTION

AN MI TOOLS



Oder No	D1	P	D2	A	H	L1	L2
TR35100200	M2	0.40	3.00	2.50	1.60	40.00	9.00
TR35100250	M2.5	0.45	3.00	2.50	2.10	44.00	9.50
TR35100300	M3	0.50	4.00	3.20	2.50	46.00	11.00
TR35100400	M4	0.70	5.00	4.00	3.30	52.00	13.00
TR35100500	M5	0.80	5.50	4.50	4.20	60.00	16.00
TR35100600	M6	1.00	6.00	4.50	5.00	62.00	19.00
TR35100800	M8	1.25	6.20	5.00	6.80	70.00	22.00
TR35101000	M10	1.50	7.00	5.50	8.50	75.00	24.00
TR35201200	M12	1.75	8.50	6.50	10.30	82.00	29.00
TR35201400	M14	2.00	10.50	8.00	12.00	88.00	30.00
TR35201600	M16	2.00	12.50	10.00	14.00	95.00	32.00
TR35201800	M18	2.50	14.00	11.00	15.50	100.00	37.00
TR35202000	M20	2.50	15.00	12.00	17.50	105.00	37.00
TR35202400	M24	3.00	19.00	15.00	21.00	120.00	45.00
TR35203000	M30	3.50	23.00	17.00	26.50	135.00	48.00



Oder No	D1	P	D2	A	H	L1	L2
TR35300200	M2	0.40	3.00	2.50	1.60	40.00	9.00
TR35300250	M2.5	0.45	3.00	2.50	2.10	44.00	9.50
TR35300300	M3	0.50	4.00	3.20	2.50	46.00	11.00
TR35300400	M4	0.70	5.00	4.00	3.30	52.00	13.00
TR35300500	M5	0.80	5.50	4.50	4.20	60.00	16.00
TR35300600	M6	1.00	6.00	4.50	5.00	62.00	19.00
TR35300800	M8	1.25	6.20	5.00	6.80	70.00	22.00
TR35301000	M10	1.50	7.00	5.50	8.50	75.00	24.00
TR35401200	M12	1.75	8.50	6.50	10.30	82.00	29.00
TR35401400	M14	2.00	10.50	8.00	12.00	88.00	30.00
TR35401600	M16	2.00	12.50	10.00	14.00	95.00	32.00
TR35401800	M18	2.50	14.00	11.00	15.50	100.00	37.00
TR35402000	M20	2.50	15.00	12.00	17.50	105.00	37.00
TR35402400	M24	3.00	19.00	15.00	21.00	120.00	45.00
TR35403000	M30	3.50	23.00	17.00	26.50	135.00	48.00

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