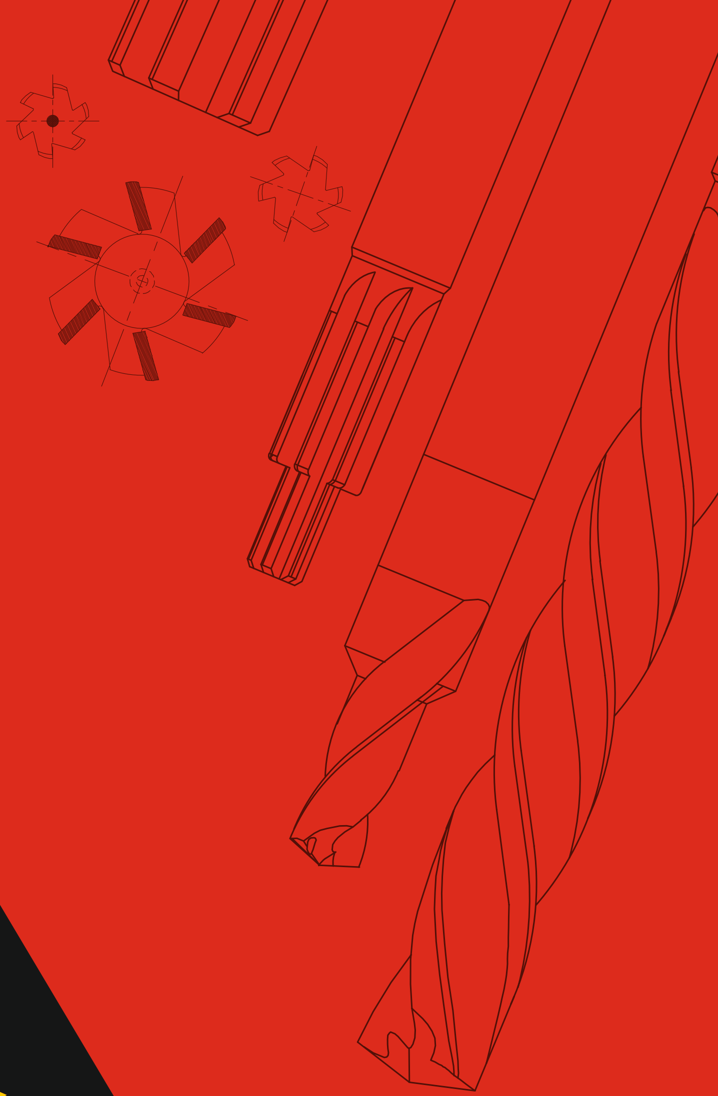
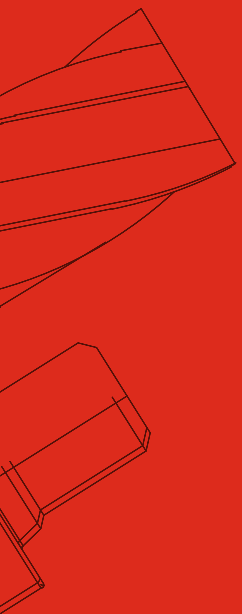
ACCUSHARP

Cutting Tools Pvt. Ltd.

ISO 9001 : 2015





CUSTOMISED SPECIAL TOOLS

MANUFACTURERS OF ALL TYPES OF SPECIAL AND STANDARD METAL CUTTING TOOLS

SOLID CARBIDE DRILL

CATALOGUE

ACCUSHARP
Cutting Tools Pvt. Ltd.

RECOMMENDED FOR MACHINING

- STEEL
- SUPER ALLOYS
- CAST IRON
- ALUMINIUM
- STAINLESS STEEL

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

ABOUT US

With its modest beginnings in 1999, Accusharp Cutting Tools Pvt Ltd, with its headquarters in Pune, India has become a well-known name in the metalworking sector. Our primary area of expertise is the design, production, and on-time delivery of specialized cutting tools made of tungsten carbide and HSS.

With its modest beginnings in 1999, Accusharp Cutting Tools Pvt Ltd, with its headquarters in Pune, India has become a well-known name in the metalworking sector. Our primary area of expertise is the design, production, and on-time delivery of specialized cutting tools made of tungsten carbide and HSS.

We are an Indian company having national and international business presence. Our company's objective is to help businesses achieve go-to-market with increased productivity and uncompromised quality. With a professional team of more than 250+ employees including competent application engineers; we provide unmitigated customised solutions for metal cutting processes.

AUTOMOTIVE, MACHINE TOOL, PRECISION ENGINEERING, MANUFACTURING, TEXTILE, AEROSPACE, OIL & GAS, POWER GENERATION & PROCESS INDUSTRIES.

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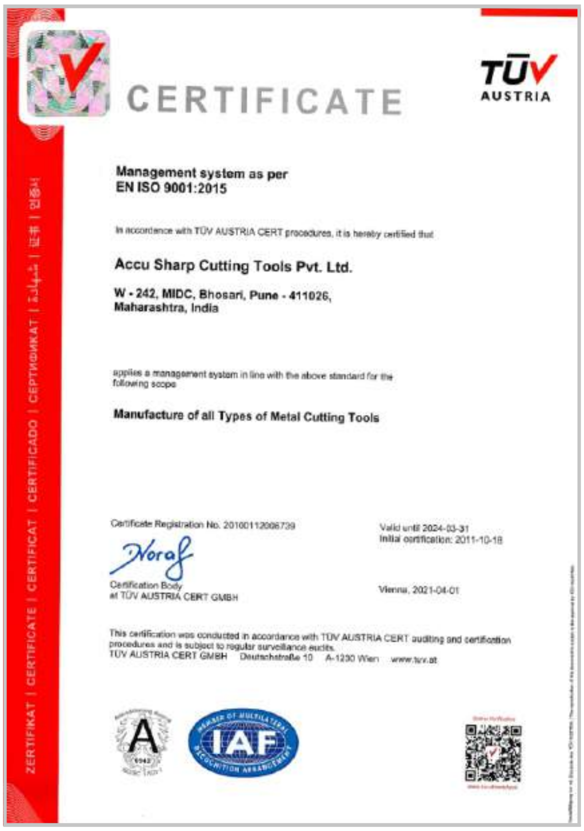
WHY TRUST US :

We develop enduring, mutually beneficial partnerships with our stakeholders. Customer centric innovation, qualitative production and reliable services are fundamental to who we are. Our team frequently works closely with the engineering teams of our customers throughout the entire process. We believe in detailing and brainstorming teamwork to developing fresh concepts while producing the ideal piece for each unique requirement. Our continuous optimization processes has enabled us to achieve cutting-edge solutions by reducing manufacturing costs and provide on-time deliverables.


CERTIFICATE

TÜV AUSTRIA

Management system as per
EN ISO 9001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

Accu Sharp Cutting Tools Pvt. Ltd.

W - 242, MIDC, Bhosari, Pune - 411026,
Maharashtra, India

applies a management system in line with the above standard for the following scope

Manufacture of all Types of Metal Cutting Tools

Certificate Registration No. 20100112006739

Valid until 2024-03-31
Initial certification: 2011-10-18

Certification Body
at TÜV AUSTRIA CERT GMBH

Vienna, 2021-04-01

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification procedures and is subject to regular surveillance audits.
TÜV AUSTRIA CERT GMBH Deutschstraße 10 A-1230 Wien www.tuv.at

ACCUSHARP Cutting Tools Pvt. Ltd.

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MAIN PRODUCTS

DRILLS

REAMERS

ACCUSHARP
Cutting Tools Pvt. Ltd.
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MAIN PRODUCTS

ENDMILLS

CUTTERS

SPECIAL TOOLS

WE WILL RESPOND PROMPTLY TO ANY INQUIRIES ABOUT CUTTING TOOLS

ACCUSHARP Cutting Tools Pvt. Ltd.
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APPLICATIONS

Brakes Systems

Gas Valves

Con-rod, Crankshaft and Gear

Engine Block and Housing

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MANUFACTURING FACILITIES

Because Accusharp values machine and employee safety, the facility is stocked with useful instruments that can meet industrial demands while adhering to all established regulations.

ROLLOMATIC-SHAPESMART

ROLLOMATIC-GRINDESMART 629XS

ROLLOMATIC-GRINDESMART 629XS

ANCA-MX7 LINEAR

ANCA-MX5

ANCA-MX7 LINEAR 1

HIPIMS

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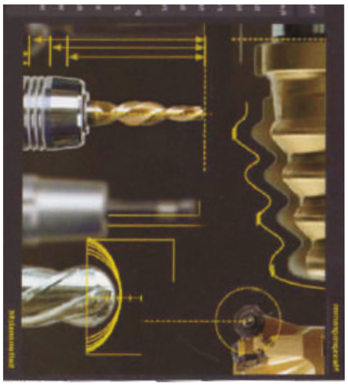
ZOLLER



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OUR COATING EXPERTISE

IN HOUSE COATING UNIT FROM CEMECON

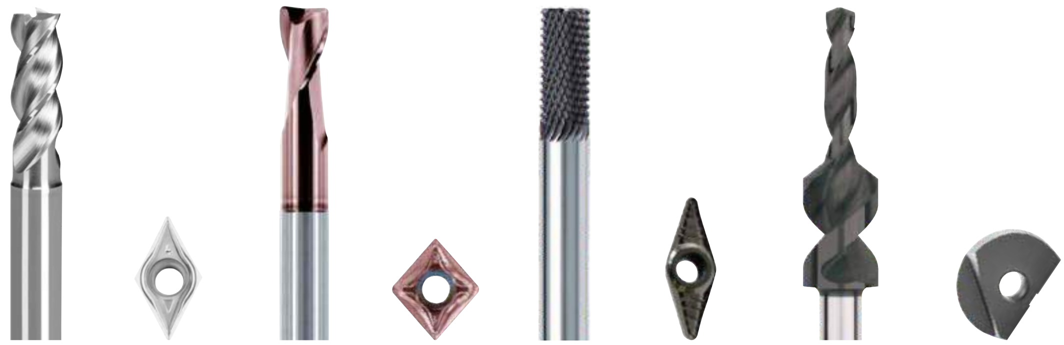
ADVANCED COATING TECHNOLOGY FOR INCREASING

- **Smoothness of Tools**
- **Toughness of Tools**
- **Hardness of Tools**

Results In

- Resistance to Tool Wear
- Longer Life of Tool

PREMIUM COATINGS FOR YOUR PRECISION TOOLS



HiPIMS - FerroCon Coating for

Unalloyed | Alloyed | High-Speed | Steel

Technical Data

Coating Technology	:	**HiPIMS**
Coating Material	:	**AlTiN**
Color	:	**Anthracite**
Max. Operating Temperature	:	**1100°c**

HiPIMS InoxaCon Coating for Hardened Steel up to 70 HRC

Stainless Steel | Titanium | High Alloyed Steel

Technical Data

Coating Technology	:	**HiPIMS**
Composition of the Coating Material	:	**TiAlSiN**
Color	:	**Copper**
Max. Operating Temperature	:	**1100°c**

Results In
- Resistance to Tool Wear
- Longer Life of Tool

ACCUSHARP
Cutting Tools Pvt. Ltd.
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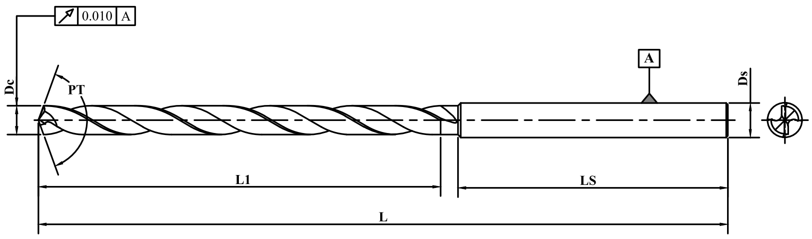
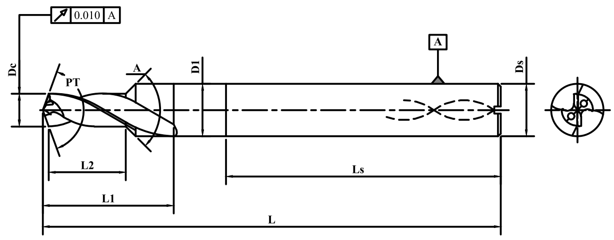
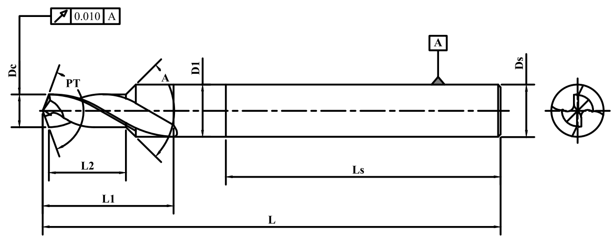
S/C DRILL



S/C TC STEP DRILL



S/C STEP DRILL



Dc	Cutting Diameter
PT	Point Angle
L	Over All Length
Ls	Shank Length
L1	Flute Length
L2	1st Step Length
L3	2nd Step Length
Ds	Shank Diameter
A	Angle
A1	Angle 1
A2	Angle 2
CL	Cutting Length
D1	1st Step Diameter
D2	2 nd Step Diameter
D3	3 rd Step Diameter
CHF	Chamfer
R	Radius
W	Width
ND	Neck Diameter
TC	Internal Coolant
SC	Solid Carbide
CT	Carbide Tip

ACCUSHARP
Cutting Tools Pvt. Ltd.
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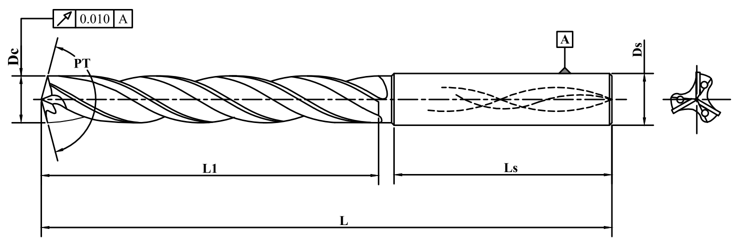
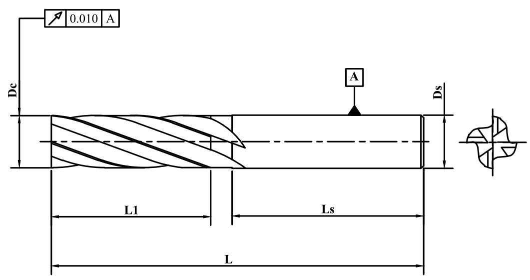
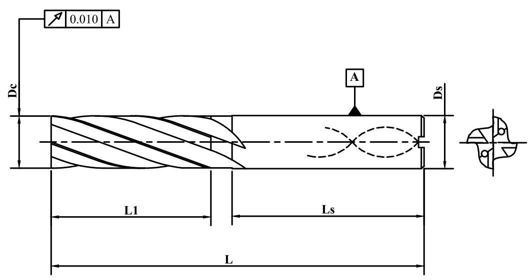
S/C TC CORE DRILL



S/C HOLEMILL



S/C TC HOLEMILL



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Cutting Tools Pvt. Ltd.
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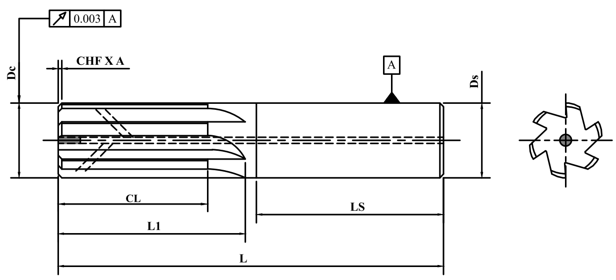
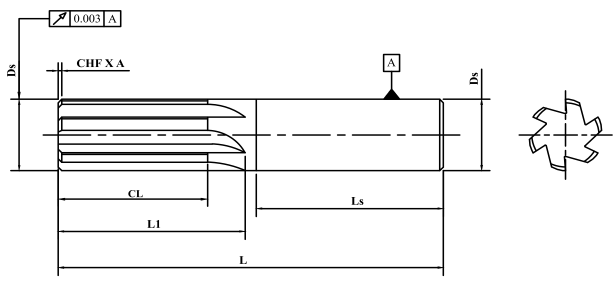
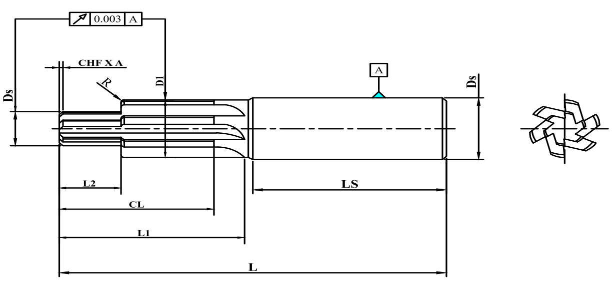
S/C TC REAMER



S/C REAMER



S/C STEP REAMER



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Cutting Tools Pvt. Ltd.
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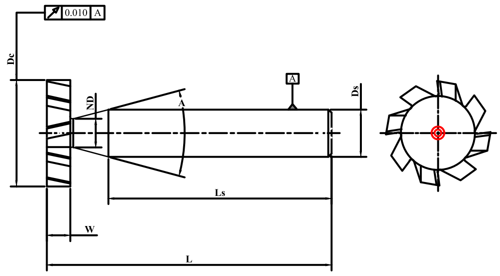
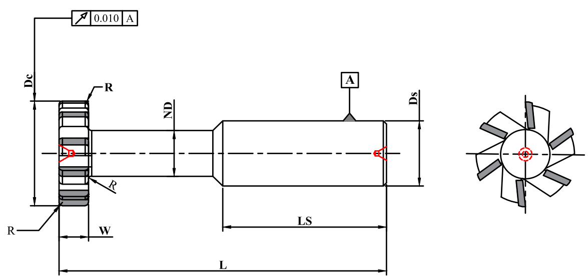
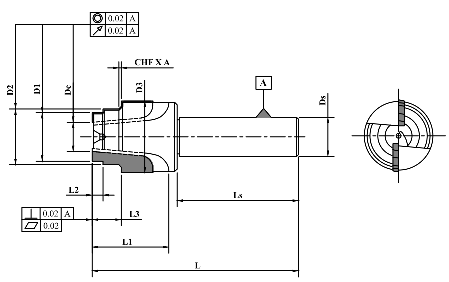
S/C WOODRUFF CUTTER



C/T BRAZED WOODRUFF CUTTER



C/T BRAZED FORM TOOL



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TC	Internal Coolant
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CT	Carbide Tip

ACCUSHARP Cutting Tools Pvt. Ltd.

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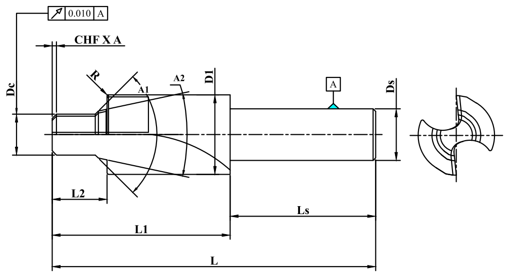
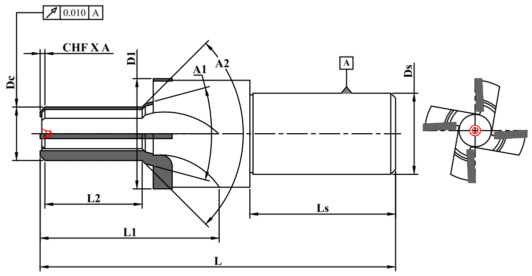
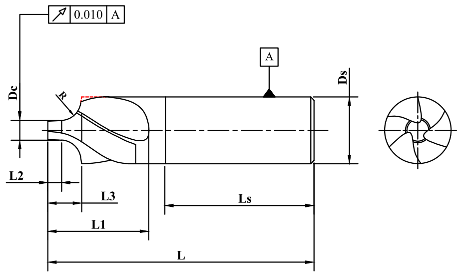
S/C PORT TOOL



C/T BRAZED PORT TOOL



S/C BLENDING TOOL



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ACCUSHARP
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ACCUSHARP GUNDRILL PRODUCT RANGE

Sr. No.	Type	DIAMTER RANGE IN MM	MAX. LENGTH IN MM	FLUTE TYPE	COOLANT HOLE	SKETCH 1	SKETCH 2
1	SC LUGGED GUNDRILL	Ø3.0 TO Ø32.0	1000	SINGLE FLUTE	TWO HOLES		
2	SC LUGGED GUNDRILL	Ø3.0 TO Ø10.0	1000	SINGLE FLUTE	KIDNEY HOLE		
3	SC LUGGED GUNDRILL	Ø6.0 TO Ø25.0	1500	TWO FLUTE	TWO HOLES		
4	CT BRAZED GUNDRILL	Ø20.0 TO Ø32.0	2000	SINGLE FLUTE	TWO HOLES		

Accusharp Cutting Tools have entered into this new segment of Round Tools for Deep-Hole Drilling applications. Engine blocks, Turbo Blades, Paper Rollers, Machine Tools, Fixturing, etc.
The application are for deep holes drilling on Crankshaft,

Our standard grinding geometry can meet most of the industrial deep hole drilling applications. However, for deep drilling into long chipping material work piece or material that is difficult to machine, we design and manufacture Gun-Drills with special geometries, accordingly.

ACCUSHARP MANUFACTURES THE ABOVE RANGE OF GUN DRILLS AS PER CUSTOMER REQUIERMENTS.

FUTURE PROOFING WITH INDUSTRIAL 4.0

Accusharp is getting itself industry-ready with advanced tools and production mechanisms at play :

Made-to-order Products

Accusharp supplies customized products as per your needs. Customer-specific tool management solutions combine process planning, logistics, tool application, and reconditioned components. The latest generation of Accusharp tool vending systems covers the entire spectrum of tool logistics, from the straightforward workshop solution to the model for intricate process chains.

Bottlenecks slashed by implementing automation

Automation is being used more and more by Accusharp to promote accuracy, uniformity, and improved operational efficiency. Accusharp production lines are well-connected with automation, resulting in the rapid and simple integration of sensors and devices that monitor equipment and create user-friendly data, visuals, etc. This helps in:

· Minimizing downtime
· Maintaining a schedule for maintenance
· Enhancing decision-making

Research and Developement

Accusharp's R&D department possesses skilled and experienced innovators who work in the in-house testing facilities which is fully-equipped for machining trials. Advanced quality-assurance mechanisms like CFD simulation and FEM are also adopted for detailed and industry-wide unique process and tool analysis. Our centre uses reverse engineering mechanisms to deliver excellence through its craftsmanship!

CARBIDE CUTTING TOOLS

DRILLS CATALOGUE

ACCUSHARP

Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

PRODUCT CODE NOMENCLATURE

1	2	3				4		5		6
AS	GM	1	0	0	0	0	3	W	C	U
Brand Name	Geometry	Drill Size				L/D		Coolant Type		Coating Name

AS-GM-1000-03-WC-U

1 Brand
AS (ACCUSHARP)

2 GEOMETRY	
GP	General Purpose
SR	For Steel and SG Iorn
CI	Cast Iron
AL	Aluminium
HF	Long Drill L/D - 12 and 16
MQ	Long Drill L/D > 16
BD	Burnishing Drill
CD	Center Drill
XP	Pilot Drill for HF and MQ
XM	Micro Drill

3 Cutting Diameter
Drill Size

4. L/D Ratio	
03	3 L/D
05	5 L/D
08	8 L/D
12	12 L/D
16	16 L/D
20	20 L/D
25	25 L/D
30	30 L/D

5. Cooalant Type	
WC	Without Internal Coolant
TC	Internal Coolant

6. Coating	
I	InoxaCon
F	FerroCon
U	Uncoated

CUTTING TOOL PARAMETERS

Short Name	Description
Dc	Cutting Diameter
Ds	Shank Diameter
Ls	Shank Length
L1	Flute Length
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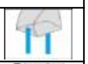
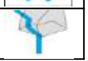
PT	Point Angle
STA	Step Angle
L2	Step Length
R	Radius
TC	Internal Coolant 
WC	Without Internal Coolant 

Workpiece material groups :-

The metal cutting industry produces an extremely wide variety of components machined from many different materials. Each material has its own unique characteristics that are influenced by alloying elements, heat treatment, hardness, etc. These, in turn, influence the choice of cutting tool geometry, grade and cutting data. To make this choice easier, workpiece materials are divided into six major groups, in accordance with the ISO-standard, and each group has unique properties regarding machinability:

- P Steel
- M Stainless Steel
- K Cast Iron
- N Non-Ferrous
- S High-Temp Alloys
- H Hardened Materials
- C CFRP Materials

material group	description	content	tensile strength RM (MPa)*	hardness (HB)	hardness (HRC)	material number
P0	Low-Carbon Steels, Long Chipping	C <0,25%	<530	<125	–	–
P1	Low-Carbon Steels, Short Chipping, Free Machining	C <0,25%	<530	<125	–	C15, Ck22, ST37-2, S235JR, 9SMnPb28, GS38
P2	Medium- and High-Carbon Steels	C >0,25%	>530	<220	<25	ST52, S355JR, C35, GS60, Cf53
P3	Alloy Steels and Tool Steels	C >0,25%	600–850	<330	<35	16MnCr5, Ck45, 21CrMoV5-7, 38SMn28
P4	Alloy Steels and Tool Steels	C >0,25%	850–1400	340–450	35–48	100Cr6, 30CrNiMo8, 42CrMo4, C70W2, S6525, X120Mn12
P5	Ferritic, Martensitic, and PH Stainless Steels	–	600–900	<330	<35	100Cr6, 30CrNiMo8, 42CrMo4, C70W2, S6525, X120Mn12
P6	High-Strength Ferritic, Martensitic, and PH Stainless Steels	–	900–1350	350–450	35–48	X102CrMo17, G-X120Cr29
M1	Austenitic Stainless Steel	–	<600	130–200	–	X5CrNi 18 10, X2CrNiMo 17 13 2, G-X25CrNiSi18 9, X15CrNiSi 20 12
M2	High-Strength Austenitic Stainless and Cast Stainless Steels	–	600–800	150–230	<25	X2CrNiMo 13 4, X5NiCr 32 21, X5CrNiNb 18 10, G-X15CrNi 25-20
M3	Duplex Stainless Steel	–	<800	135–275	<30	X8CrNiMo27 5, X2CrNiMoN22 5 3, X20CrNiSi25 4, G-X40CrNiSi27 4
K1	Grey Cast Iron	–	125–500	120–290	<32	GG15, GG25, GG30, GG40, GTW40
K2	Low- and Medium-Strength Ductile Irons (Nodular Irons) and Compacted Graphite Irons (CGI)	–	<600	130–260	<28	GGG40, GTS35
K3	High-Strength Ductile Irons and Austempered Ductile Iron (ADI)	–	>600	180–350	<43	GGG60, GTW55, GTS65
N1	Wrought Aluminium	–	–	–	–	AlMg1, Al99.5, AlCuMg1, AlCuBiPb, AlMgSi1, ALMgSiPb
N2	Low-Silicon Aluminium Alloys and Magnesium Alloys	Si <12,2%	–	–	–	GAlSiCu4, GDAlSi10Mg
N3	High-Silicon Aluminium Alloys and Magnesium Alloys	Si >12,2%	–	–	–	G-ALSi12, G-AlSi17Cu4, G-AlSi21CuNiMg
N4	Copper-, Brass-, Zinc-Based on Machinability Index Range of 70–100	–	–	–	–	CuZn40, Ms60, G-CuSn5ZnPb, CuZn37, CuSi3Mn
N5	Nylon, Plastics, Rubbers, Phenolics, Resins, Fibreglass	–	–	–	–	Lexan®, Hostalen™, Polystyrol, Makrolon
N6	Carbon, Graphite Composites, CFRP	–	–	–	–	CFK, GFK
N7	Metal Matrix Composites (MMC)	–	–	–	–	–
S1	Iron-Based, Heat-Resistant Alloys	–	500–1200	160–260	25–48	X1NiCrMoCu32 28 7, X12NiCrSi36 16, X5NiCrAlTi31 20, X40CoCrNi20 20
S2	Cobalt-Based, Heat-Resistant Alloys	–	1000–1450	250–450	25–48	Haynes® 188, Stellite® 6,21,31
S3	Nickel-Based, Heat-Resistant Alloys	–	600–1700	160–450	<48	INCONEL® 690, INCONEL 625, Hastelloy®, NIMONIC® 75
S4	Titanium and Titanium Alloys	–	900–1600	300–400	33–48	Ti1, TiAl5Sn2, TiAl6V4, TiAl4Mo4Sn2
H1	Hardened Materials	–	–	–	44–48	GX260NiCr42, GX330NiCr42, GX300CrNiSi952, GX300CrMo153, Hardox® 400
H2	Hardened Materials	–	–	–	48–55	–
H3	Hardened Materials	–	–	–	56–60	–
H4	Hardened Materials	–	–	–	>60	–
C1	CFRP, CFRP/CFRP	–	–	–	–	–
C2	CFRP/Non-Ferrous	–	–	–	–	–
C3	CFRP/High Temp	–	–	–	–	–
C4	CFRP/Stainless Steel	–	–	–	–	–
C5	CFRP/Non-Ferrous/High-Temp	–	–	–	–	–

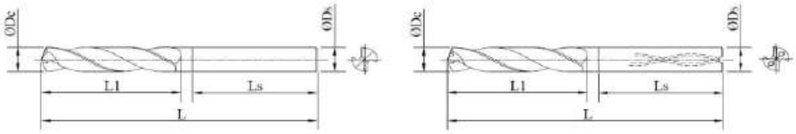
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE - GENERAL PURPOSE DRILL

P	M	K	N	S	H
●	●	●	●	●	○

140° | 3xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0300-03-WC-	AS-GP-0300-03-TC-	3.00	6.0	18	36	60	3	I	F	U		
AS-GP-0310-03-WC-	AS-GP-0310-03-TC-	3.10	6.0	18	36	60	3	I	F	U		
AS-GP-0315-03-WC-	AS-GP-0315-03-TC-	3.15	6.0	18	36	60	3	I	F	U	MF 3.5 x 0.35	Nr. 6-32 UNC
AS-GP-0320-03-WC-	AS-GP-0320-03-TC-	3.20	6.0	18	36	60	3	I	F	U		6 - 40 UNF
AS-GP-0330-03-WC-	AS-GP-0330-03-TC-	3.30	6.0	18	36	60	3	I	F	U	M4	M 3.5
AS-GP-0340-03-WC-	AS-GP-0340-03-TC-	3.40	6.0	18	36	60	3	I	F	U		
AS-GP-0345-03-WC-	AS-GP-0345-03-TC-	3.45	6.0	18	36	60	3	I	F	U		
AS-GP-0350-03-WC-	AS-GP-0350-03-TC-	3.50	6.0	18	36	60	3	I	F	U	MF 4.0 x 0.50 /Nr.8-36 UNF	
AS-GP-0355-03-WC-	AS-GP-0355-03-TC-	3.55	6.0	18	36	60	3	I	F	U	Nr. 8- 32UNC	
AS-GP-0360-03-WC-	AS-GP-0360-03-TC-	3.60	6.0	18	36	60	3	I	F	U		
AS-GP-0370-03-WC-	AS-GP-0370-03-TC-	3.70	6.0	18	36	60	3	I	F	U	M4.5	M 4
AS-GP-0380-03-WC-	AS-GP-0380-03-TC-	3.80	6.0	22	36	60	3	I	F	U		MF 4 x 0.50/Nr, 8-32 UNC
AS-GP-0390-03-WC-	AS-GP-0390-03-TC-	3.90	6.0	22	36	60	3	I	F	U	Nr. 10- 24UNC	
AS-GP-0400-03-WC-	AS-GP-0400-03-TC-	4.00	6.0	22	36	60	3	I	F	U	MF 4.5x 0.50	
AS-GP-0410-03-WC-	AS-GP-0410-03-TC-	4.10	6.0	22	36	60	3	I	F	U	Nr. 10 -32 UNF	
AS-GP-0420-03-WC-	AS-GP-0420-03-TC-	4.20	6.0	22	36	60	3	I	F	U	M5	
AS-GP-0430-03-WC-	AS-GP-0430-03-TC-	4.30	6.0	22	36	60	3	I	F	U		
AS-GP-0435-03-WC-	AS-GP-0435-03-TC-	4.35	6.0	22	36	60	3	I	F	U		Nr.10-24 UNC
AS-GP-0440-03-WC-	AS-GP-0440-03-TC-	4.40	6.0	22	36	60	3	I	F	U		
AS-GP-0450-03-WC-	AS-GP-0450-03-TC-	4.50	6.0	22	36	60	3	I	F	U	MF 5.0x 0.50/Nr. 12-24UNC	
AS-GP-0455-03-WC-	AS-GP-0455-03-TC-	4.55	6.0	22	36	60	3	I	F	U		
AS-GP-0460-03-WC-	AS-GP-0460-03-TC-	4.60	6.0	25	36	63	3	I	F	U	Nr. 12-28 UNF	
AS-GP-0465-03-WC-	AS-GP-0465-03-TC-	4.65	6.0	25	36	63	3	I	F	U		M 5
AS-GP-0470-03-WC-	AS-GP-0470-03-TC-	4.70	6.0	25	36	63	3	I	F	U		
AS-GP-0480-03-WC-	AS-GP-0480-03-TC-	4.80	6.0	25	36	63	3	I	F	U		M 5 x 0.50
AS-GP-0490-03-WC-	AS-GP-0490-03-TC-	4.90	6.0	25	36	63	3	I	F	U		
AS-GP-0500-03-WC-	AS-GP-0500-03-TC-	5.00	6.0	25	36	63	3	I	F	U	M6/MF5.5x 0.50	Nr.12 -24 UNC
AS-GP-0510-03-WC-	AS-GP-0510-03-TC-	5.10	6.0	25	36	63	3	I	F	U	1/4 - 20 UNC	Nr.12 - 28 UNF
AS-GP-0520-03-WC-	AS-GP-0520-03-TC-	5.20	6.0	25	36	63	3	I	F	U		
AS-GP-0525-03-WC-	AS-GP-0525-03-TC-	5.25	6.0	25	36	63	3	I	F	U	MF 6.0x 0.75	
AS-GP-0530-03-WC-	AS-GP-0530-03-TC-	5.30	6.0	25	36	63	3	I	F	U		MF 5.5 x 0.50
AS-GP-0540-03-WC-	AS-GP-0540-03-TC-	5.40	6.0	25	36	63	3	I	F	U		
AS-GP-0550-03-WC-	AS-GP-0550-03-TC-	5.50	6.0	25	36	63	3	I	F	U	1/4 -28 UNF	
AS-GP-0555-03-WC-	AS-GP-0555-03-TC-	5.55	6.0	25	36	63	3	I	F	U		M 6
AS-GP-0565-03-WC-	AS-GP-0565-03-TC-	5.65	6.0	25	36	63	3	I	F	U		MF 6x 0.75
AS-GP-0575-03-WC-	AS-GP-0575-03-TC-	5.75	6.0	25	36	63	3	I	F	U		1/4 - 20 UNC
AS-GP-0580-03-WC-	AS-GP-0580-03-TC-	5.80	6.0	25	36	63	3	I	F	U		
AS-GP-0590-03-WC-	AS-GP-0590-03-TC-	5.90	6.0	25	36	63	3	I	F	U	5/16- 24 UNF	
AS-GP-0600-03-WC-	AS-GP-0600-03-TC-	6.00	6.0	25	36	63	3	I	F	U	M7	
AS-GP-0610-03-WC-	AS-GP-0610-03-TC-	6.10	8.0	34	36	79	3	I	F	U		
AS-GP-0620-03-WC-	AS-GP-0620-03-TC-	6.20	8.0	34	36	79	3	I	F	U		
AS-GP-0625-03-WC-	AS-GP-0625-03-TC-	6.25	8.0	34	36	79	3	I	F	U	MF 7.0x 0.75	
AS-GP-0630-03-WC-	AS-GP-0630-03-TC-	6.30	8.0	34	36	79	3	I	F	U		
AS-GP-0640-03-WC-	AS-GP-0640-03-TC-	6.40	8.0	34	36	79	3	I	F	U		
AS-GP-0655-03-WC-	AS-GP-0655-03-TC-	6.55	8.0	34	36	79	3	I	F	U		M7
AS-GP-0660-03-WC-	AS-GP-0660-03-TC-	6.60	8.0	34	36	79	3	I	F	U	5/16- 18 UNC	
AS-GP-0670-03-WC-	AS-GP-0670-03-TC-	6.70	8.0	34	36	79	3	I	F	U		
AS-GP-0680-03-WC-	AS-GP-0680-03-TC-	6.80	8.0	34	36	79	3	I	F	U	M8	
AS-GP-0690-03-WC-	AS-GP-0690-03-TC-	6.90	8.0	34	36	79	3	I	F	U		
AS-GP-0700-03-WC-	AS-GP-0700-03-TC-	7.00	8.0	34	36	79	3	I	F	U	MF 8.0x 1.00	
AS-GP-0710-03-WC-	AS-GP-0710-03-TC-	7.10	8.0	41	36	79	3	I	F	U		
AS-GP-0720-03-WC-	AS-GP-0720-03-TC-	7.20	8.0	41	36	79	3	I	F	U		
AS-GP-0725-03-WC-	AS-GP-0725-03-TC-	7.25	8.0	41	36	79	3	I	F	U	MF 8.0x 0.75	
AS-GP-0730-03-WC-	AS-GP-0730-03-TC-	7.30	8.0	41	36	79	3	I	F	U		5/16-18 UNC
AS-GP-0740-03-WC-	AS-GP-0740-03-TC-	7.40	8.0	41	36	79	3	I	F	U		M 8
AS-GP-0750-03-WC-	AS-GP-0750-03-TC-	7.50	8.0	41	36	79	3	I	F	U	MF 8.0x 0.50	
AS-GP-0765-03-WC-	AS-GP-0765-03-TC-	7.65	8.0	41	36	79	3	I	F	U		MF 8x0.75

Ordering code for Example:-
AS-GP-0830-03-WC- F Coating FerroCon
AS-GP-0830-03-TC-I Coating InoxaCon
AS-GP-0830-03-TC-U Coating UnCoated

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P	●
M	●
K	●
N	●
S	●
H	○

140°

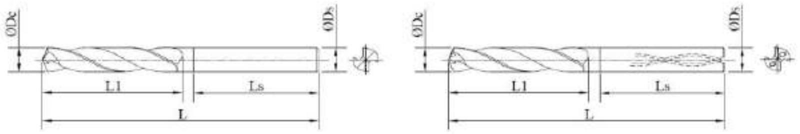
3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0

SOLID CARBIDE - GENERAL PURPOSE DRILL



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0770-03-WC-	AS-GP-0770-03-TC-	7.70	8.0	41	36	79	3	I	F	U		
AS-GP-0780-03-WC-	AS-GP-0780-03-TC-	7.80	8.0	41	36	79	3	I	F	U	M9	
AS-GP-0790-03-WC-	AS-GP-0790-03-TC-	7.90	8.0	41	36	79	3	I	F	U		
AS-GP-0800-03-WC-	AS-GP-0800-03-TC-	8.00	8.0	41	36	79	3	I	F	U	MF 9.0x 1.00/ 3/8- 16UNC	
AS-GP-0810-03-WC-	AS-GP-0810-03-TC-	8.10	10.0	47	40	93	3	I	F	U		
AS-GP-0820-03-WC-	AS-GP-0820-03-TC-	8.20	10.0	47	40	93	3	I	F	U		
AS-GP-0830-03-WC-	AS-GP-0830-03-TC-	8.30	10.0	47	40	93	3	I	F	U		
AS-GP-0840-03-WC-	AS-GP-0840-03-TC-	8.40	10.0	47	40	93	3	I	F	U		M 9
AS-GP-0850-03-WC-	AS-GP-0850-03-TC-	8.50	10.0	47	40	93	3	I	F	U	M10/ 3/8 -24 UNF	
AS-GP-0860-03-WC-	AS-GP-0860-03-TC-	8.60	10.0	47	40	93	3	I	F	U		
AS-GP-0870-03-WC-	AS-GP-0870-03-TC-	8.70	10.0	47	40	93	3	I	F	U		
AS-GP-0880-03-WC-	AS-GP-0880-03-TC-	8.80	10.0	47	40	93	3	I	F	U	MF 10x 1.25	3/8-16 UNC
AS-GP-0890-03-WC-	AS-GP-0890-03-TC-	8.90	10.0	47	40	93	3	I	F	U		
AS-GP-0900-03-WC-	AS-GP-0900-03-TC-	9.00	10.0	47	40	93	3	I	F	U	MF 10x 1.00	
AS-GP-0910-03-WC-	AS-GP-0910-03-TC-	9.10	10.0	47	40	93	3	I	F	U		
AS-GP-0925-03-WC-	AS-GP-0925-03-TC-	9.25	10.0	47	40	93	3	I	F	U	MF 10x 0.75	
AS-GP-0930-03-WC-	AS-GP-0930-03-TC-	9.30	10.0	47	40	93	3	I	F	U		M 10
AS-GP-0940-03-WC-	AS-GP-0940-03-TC-	9.40	10.0	47	40	93	3	I	F	U	7/16- 14 UNC	MF 10 x1.25
AS-GP-0950-03-WC-	AS-GP-0950-03-TC-	9.50	10.0	47	40	93	3	I	F	U	M11	MF 10 x1.0
AS-GP-0965-03-WC-	AS-GP-0965-03-TC-	9.65	10.0	47	40	93	3	I	F	U		MF 10x0.75
AS-GP-0970-03-WC-	AS-GP-0970-03-TC-	9.70	10.0	47	40	93	3	I	F	U		
AS-GP-0980-03-WC-	AS-GP-0980-03-TC-	9.80	10.0	47	40	93	3	I	F	U		
AS-GP-0990-03-WC-	AS-GP-0990-03-TC-	9.90	10.0	47	40	93	3	I	F	U	7/16- 20 UNF	
AS-GP-1000-03-WC-	AS-GP-1000-03-TC-	10.00	10.0	47	40	93	3	I	F	U	MF 11 x 1.00	
AS-GP-1010-03-WC-	AS-GP-1010-03-TC-	10.10	12.0	55	45	103	3	I	F	U		
AS-GP-1020-03-WC-	AS-GP-1020-03-TC-	10.20	12.0	55	45	103	3	I	F	U	M12	
AS-GP-1030-03-WC-	AS-GP-1030-03-TC-	10.30	12.0	55	45	103	3	I	F	U		M 11 / 7/16- 14 UNC
AS-GP-1040-03-WC-	AS-GP-1040-03-TC-	10.40	12.0	55	45	103	3	I	F	U		
AS-GP-1050-03-WC-	AS-GP-1050-03-TC-	10.50	12.0	55	45	103	3	I	F	U	MF 12x 1.50	
AS-GP-1055-03-WC-	AS-GP-1055-03-TC-	10.55	12.0	55	45	103	3	I	F	U		7/16- 20 UNF
AS-GP-1075-03-WC-	AS-GP-1075-03-TC-	10.75	12.0	55	45	103	3	I	F	U	MF 12x 1.25	
AS-GP-1080-03-WC-	AS-GP-1080-03-TC-	10.80	12.0	55	45	103	3	I	F	U	1/2- 13 UNC	
AS-GP-1090-03-WC-	AS-GP-1090-03-TC-	10.90	12.0	55	45	103	3	I	F	U		
AS-GP-1100-03-WC-	AS-GP-1100-03-TC-	11.00	12.0	55	45	103	3	I	F	U	MF 12x 1.00	
AS-GP-1110-03-WC-	AS-GP-1110-03-TC-	11.10	12.0	55	45	103	3	I	F	U		
AS-GP-1120-03-WC-	AS-GP-1120-03-TC-	11.20	12.0	55	45	103	3	I	F	U		M 12
AS-GP-1130-03-WC-	AS-GP-1130-03-TC-	11.30	12.0	55	45	103	3	I	F	U		MF12x1.50
AS-GP-1140-03-WC-	AS-GP-1140-03-TC-	11.40	12.0	55	45	103	3	I	F	U		MF12x1.25
AS-GP-1150-03-WC-	AS-GP-1150-03-TC-	11.50	12.0	55	45	103	3	I	F	U	1/2 -20 UNF	
AS-GP-1160-03-WC-	AS-GP-1160-03-TC-	11.60	12.0	55	45	103	3	I	F	U		
AS-GP-1170-03-WC-	AS-GP-1170-03-TC-	11.70	12.0	55	45	103	3	I	F	U		
AS-GP-1180-03-WC-	AS-GP-1180-03-TC-	11.80	12.0	55	45	103	3	I	F	U		
AS-GP-1190-03-WC-	AS-GP-1190-03-TC-	11.90	12.0	55	45	103	3	I	F	U		
AS-GP-1200-03-WC-	AS-GP-1200-03-TC-	12.00	12.0	55	45	103	3	I	F	U	M14	
AS-GP-1210-03-WC-	AS-GP-1210-03-TC-	12.10	14.0	60	45	107	3	I	F	U		1/2- 20 UNF
AS-GP-1220-03-WC-	AS-GP-1220-03-TC-	12.20	14.0	60	45	107	3	I	F	U	9/16- 12 UNC	
AS-GP-1230-03-WC-	AS-GP-1230-03-TC-	12.30	14.0	60	45	107	3	I	F	U		
AS-GP-1240-03-WC-	AS-GP-1240-03-TC-	12.40	14.0	60	45	107	3	I	F	U		
AS-GP-1250-03-WC-	AS-GP-1250-03-TC-	12.50	14.0	60	45	107	3	I	F	U	MF 14x 1.50	
AS-GP-1260-03-WC-	AS-GP-1260-03-TC-	12.60	14.0	60	45	107	3	I	F	U		
AS-GP-1275-03-WC-	AS-GP-1275-03-TC-	12.75	14.0	60	45	107	3	I	F	U	MF 14x 1.25	
AS-GP-1280-03-WC-	AS-GP-1280-03-TC-	12.80	14.0	60	45	107	3	I	F	U		
AS-GP-1290-03-WC-	AS-GP-1290-03-TC-	12.90	14.0	60	45	107	3	I	F	U	9/16 -18 UNF	
AS-GP-1300-03-WC-	AS-GP-1300-03-TC-	13.00	14.0	60	45	107	3	I	F	U	MF 14x 1.00	
AS-GP-1310-03-WC-	AS-GP-1310-03-TC-	13.10	14.0	60	45	107	3	I	F	U		M 14
AS-GP-1320-03-WC-	AS-GP-1320-03-TC-	13.20	14.0	60	45	107	3	I	F	U		
AS-GP-1330-03-WC-	AS-GP-1330-03-TC-	13.30	14.0	60	45	107	3	I	F	U		MF 14 x 1.50

Ordering code for Example:-
AS-GP-0830-03-WC- F Coating FerroCon
AS-GP-0830-03-TC-I Coating InoxaCon
AS-GP-0830-03-TC-U Coating UnCoated

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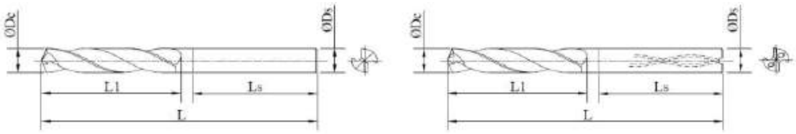
SOLID CARBIDE - GENERAL PURPOSE DRILL

P	●
M	●
K	●
N	●
S	●
H	○

140° | 3xD | Dc m7 | Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-1340-03-WC-	AS-GP-1340-03-TC-	13.40	14.0	60	45	107	3	I	F	U		MF 14 x 1.25
AS-GP-1350-03-WC-	AS-GP-1350-03-TC-	13.50	14.0	60	45	107	3	I	F	U	MF 15x 1.50/ 5/8- 11 UNC	
AS-GP-1360-03-WC-	AS-GP-1360-03-TC-	13.60	14.0	60	45	107	3	I	F	U		
AS-GP-1370-03-WC-	AS-GP-1370-03-TC-	13.70	14.0	60	45	107	3	I	F	U		
AS-GP-1380-03-WC-	AS-GP-1380-03-TC-	13.80	14.0	60	45	107	3	I	F	U		
AS-GP-1390-03-WC-	AS-GP-1390-03-TC-	13.90	14.0	60	45	107	3	I	F	U		
AS-GP-1400-03-WC-	AS-GP-1400-03-TC-	14.00	14.0	60	45	107	3	I	F	U	M16/MF 15x 1.00	
AS-GP-1410-03-WC-	AS-GP-1410-03-TC-	14.10	16.0	65	48	115	3	I	F	U		
AS-GP-1425-03-WC-	AS-GP-1425-03-TC-	14.25	16.0	65	48	115	3	I	F	U		
AS-GP-1430-03-WC-	AS-GP-1430-03-TC-	14.30	16.0	65	48	115	3	I	F	U		MF 15 x 1.50
AS-GP-1440-03-WC-	AS-GP-1440-03-TC-	14.40	16.0	65	48	115	3	I	F	U		
AS-GP-1450-03-WC-	AS-GP-1450-03-TC-	14.50	16.0	65	48	115	3	I	F	U	MF 16x 1.50/ 5/8 -18 UNF	
AS-GP-1460-03-WC-	AS-GP-1460-03-TC-	14.60	16.0	65	48	115	3	I	F	U		
AS-GP-1470-03-WC-	AS-GP-1470-03-TC-	14.70	16.0	65	48	115	3	I	F	U		
AS-GP-1480-03-WC-	AS-GP-1480-03-TC-	14.80	16.0	65	48	115	3	I	F	U	MF 16x 1.25	5/8 -11 UNC
AS-GP-1490-03-WC-	AS-GP-1490-03-TC-	14.90	16.0	65	48	115	3	I	F	U		
AS-GP-1500-03-WC-	AS-GP-1500-03-TC-	15.00	16.0	65	48	115	3	I	F	U	MF 16x 1.00	
AS-GP-1510-03-WC-	AS-GP-1510-03-TC-	15.10	16.0	65	48	115	3	I	F	U		M 16
AS-GP-1520-03-WC-	AS-GP-1520-03-TC-	15.20	16.0	65	48	115	3	I	F	U		
AS-GP-1530-03-WC-	AS-GP-1530-03-TC-	15.30	16.0	65	48	115	3	I	F	U		MF16 x 1.50
AS-GP-1540-03-WC-	AS-GP-1540-03-TC-	15.40	16.0	65	48	115	3	I	F	U		
AS-GP-1550-03-WC-	AS-GP-1550-03-TC-	15.50	16.0	65	48	115	3	I	F	U	M18 /MF 17x 1.50	
AS-GP-1560-03-WC-	AS-GP-1560-03-TC-	15.60	16.0	65	48	115	3	I	F	U		
AS-GP-1570-03-WC-	AS-GP-1570-03-TC-	15.70	16.0	65	48	115	3	I	F	U		
AS-GP-1580-03-WC-	AS-GP-1580-03-TC-	15.80	16.0	65	48	115	3	I	F	U		
AS-GP-1590-03-WC-	AS-GP-1590-03-TC-	15.90	16.0	65	48	115	3	I	F	U		
AS-GP-1600-03-WC-	AS-GP-1600-03-TC-	16.00	16.0	65	48	115	3	I	F	U	MF 17x 1.00	
AS-GP-1610-03-WC-	AS-GP-1610-03-TC-	16.10	18.0	73	48	125	3	I	F	U		
AS-GP-1620-03-WC-	AS-GP-1620-03-TC-	16.20	18.0	73	48	125	3	I	F	U		
AS-GP-1630-03-WC-	AS-GP-1630-03-TC-	16.30	18.0	73	48	125	3	I	F	U		MF 17 x 1.50
AS-GP-1640-03-WC-	AS-GP-1640-03-TC-	16.40	18.0	73	48	125	3	I	F	U		
AS-GP-1650-03-WC-	AS-GP-1650-03-TC-	16.50	18.0	73	48	125	3	I	F	U	MF 18x 1.50 / 3/4- 10 UNC	
AS-GP-1660-03-WC-	AS-GP-1660-03-TC-	16.60	18.0	73	48	125	3	I	F	U		
AS-GP-1670-03-WC-	AS-GP-1670-03-TC-	16.70	18.0	73	48	125	3	I	F	U		
AS-GP-1680-03-WC-	AS-GP-1680-03-TC-	16.80	18.0	73	48	125	3	I	F	U		
AS-GP-1690-03-WC-	AS-GP-1690-03-TC-	16.90	18.0	73	48	125	3	I	F	U		M 18
AS-GP-1700-03-WC-	AS-GP-1700-03-TC-	17.00	18.0	73	48	125	3	I	F	U	MF 18x 1.00	
AS-GP-1710-03-WC-	AS-GP-1710-03-TC-	17.10	18.0	73	48	125	3	I	F	U		MF18 x 2.00
AS-GP-1720-03-WC-	AS-GP-1720-03-TC-	17.20	18.0	73	48	125	3	I	F	U		
AS-GP-1730-03-WC-	AS-GP-1730-03-TC-	17.30	18.0	73	48	125	3	I	F	U		MF 18 x 1.50
AS-GP-1750-03-WC-	AS-GP-1750-03-TC-	17.50	18.0	73	48	125	3	I	F	U	M20 / 3/4 -16 UNF	
AS-GP-1760-03-WC-	AS-GP-1760-03-TC-	17.60	18.0	73	48	125	3	I	F	U		
AS-GP-1780-03-WC-	AS-GP-1780-03-TC-	17.80	18.0	73	48	125	3	I	F	U		
AS-GP-1790-03-WC-	AS-GP-1790-03-TC-	17.90	18.0	73	48	125	3	I	F	U		3/4- 10 UNC
AS-GP-1800-03-WC-	AS-GP-1800-03-TC-	18.00	18.0	73	48	125	3	I	F	U	MF 20x 2.00	
AS-GP-1820-03-WC-	AS-GP-1820-03-TC-	18.20	20.0	79	50	133	3	I	F	U		
AS-GP-1850-03-WC-	AS-GP-1850-03-TC-	18.50	20.0	79	50	133	3	I	F	U	MF 20x 1.50	
AS-GP-1870-03-WC-	AS-GP-1870-03-TC-	18.70	20.0	79	50	133	3	I	F	U		
AS-GP-1880-03-WC-	AS-GP-1880-03-TC-	18.80	20.0	79	50	133	3	I	F	U		
AS-GP-1890-03-WC-	AS-GP-1890-03-TC-	18.90	20.0	79	50	133	3	I	F	U		M 20
AS-GP-1900-03-WC-	AS-GP-1900-03-TC-	19.00	20.0	79	50	133	3	I	F	U	MF 20x 1.00	
AS-GP-1930-03-WC-	AS-GP-1930-03-TC-	19.30	20.0	79	50	133	3	I	F	U		MF 20 x 1.50
AS-GP-1950-03-WC-	AS-GP-1950-03-TC-	19.50	20.0	79	50	133	3	I	F	U	M22 / 7/8- 9 UNC	
AS-GP-1970-03-WC-	AS-GP-1970-03-TC-	19.70	20.0	79	50	133	3	I	F	U		
AS-GP-1980-03-WC-	AS-GP-1980-03-TC-	19.80	20.0	79	50	133	3	I	F	U		
AS-GP-2000-03-WC-	AS-GP-2000-03-TC-	20.00	20.0	79	50	133	3	I	F	U	MF 22x 2.00	

Ordering code for Example:-
AS-GP-0830-03-WC- F Coating FerroCon
AS-GP-0830-03-TC-I Coating InoxaCon
AS-GP-0830-03-TC-U Coating UnCoated

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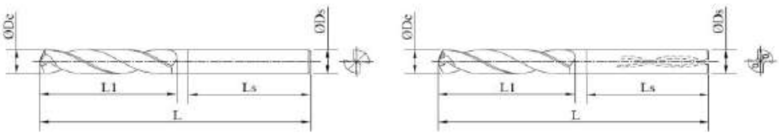
P	●
M	●
K	●
N	●
S	●
H	○

140°
4~5 xD
Dc m7
Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0300-05-WC-	AS-GP-0300-05-TC-	3.00	6.0	25	36	63	5	I	F	U		
AS-GP-0310-05-WC-	AS-GP-0310-05-TC-	3.10	6.0	25	36	63	5	I	F	U		
AS-GP-0315-05-WC-	AS-GP-0315-05-TC-	3.15	6.0	25	36	63	5	I	F	U	MF 3.5 x 0.35	Nr. 6-32 UNC
AS-GP-0320-05-WC-	AS-GP-0320-05-TC-	3.20	6.0	25	36	63	5	I	F	U		6 - 40 UNF
AS-GP-0330-05-WC-	AS-GP-0330-05-TC-	3.30	6.0	25	36	63	5	I	F	U	M4	M 3.5
AS-GP-0340-05-WC-	AS-GP-0340-05-TC-	3.40	6.0	25	36	63	5	I	F	U		
AS-GP-0350-05-WC-	AS-GP-0350-05-TC-	3.50	6.0	25	36	63	5	I	F	U	MF 4.0 x 0.50 /Nr.8-36 UNF	
AS-GP-0355-05-WC-	AS-GP-0355-05-TC-	3.55	6.0	25	36	63	5	I	F	U	Nr. 8- 32UNC	
AS-GP-0360-05-WC-	AS-GP-0360-05-TC-	3.60	6.0	25	36	63	5	I	F	U		
AS-GP-0370-05-WC-	AS-GP-0370-05-TC-	3.70	6.0	25	36	63	5	I	F	U	M4.5	M 4
AS-GP-0380-05-WC-	AS-GP-0380-05-TC-	3.80	6.0	36	36	74	5	I	F	U		MF 4 x 0.50/Nr, 8-32 UNC
AS-GP-0390-05-WC-	AS-GP-0390-05-TC-	3.90	6.0	36	36	74	5	I	F	U	Nr. 10- 24UNC	
AS-GP-0400-05-WC-	AS-GP-0400-05-TC-	4.00	6.0	36	36	74	5	I	F	U	MF 4.5x 0.50	
AS-GP-0410-05-WC-	AS-GP-0410-05-TC-	4.10	6.0	36	36	74	5	I	F	U	Nr. 10 -32 UNF	
AS-GP-0420-05-WC-	AS-GP-0420-05-TC-	4.20	6.0	36	36	74	5	I	F	U	M5	
AS-GP-0435-05-WC-	AS-GP-0435-05-TC-	4.35	6.0	36	36	74	5	I	F	U		Nr.10-24 UNC
AS-GP-0440-05-WC-	AS-GP-0440-05-TC-	4.40	6.0	36	36	74	5	I	F	U		
AS-GP-0450-05-WC-	AS-GP-0450-05-TC-	4.50	6.0	36	36	74	5	I	F	U	MF 5.0x 0.50/Nr. 12-24UNC	
AS-GP-0460-05-WC-	AS-GP-0460-05-TC-	4.60	6.0	36	36	74	5	I	F	U	Nr. 12-28 UNF	
AS-GP-0465-05-WC-	AS-GP-0465-05-TC-	4.65	6.0	36	36	74	5	I	F	U		M 5
AS-GP-0470-05-WC-	AS-GP-0470-05-TC-	4.70	6.0	36	36	74	5	I	F	U		
AS-GP-0480-05-WC-	AS-GP-0480-05-TC-	4.80	6.0	36	36	74	5	I	F	U		M 5 x 0.50
AS-GP-0490-05-WC-	AS-GP-0490-05-TC-	4.90	6.0	42	36	80	5	I	F	U		
AS-GP-0500-05-WC-	AS-GP-0500-05-TC-	5.00	6.0	42	36	80	5	I	F	U	M6/MF5.5x 0.50	Nr.12 -24 UNC
AS-GP-0510-05-WC-	AS-GP-0510-05-TC-	5.10	6.0	42	36	80	5	I	F	U	1/4 - 20 UNC	Nr.12 - 28 UNF
AS-GP-0520-05-WC-	AS-GP-052-05-TC-	5.20	6.0	42	36	80	5	I	F	U		
AS-GP-0525-05-WC-	AS-GP-0525-05-TC-	5.25	6.0	42	36	80	5	I	F	U	MF 6.0x 0.75	
AS-GP-0530-05-WC-	AS-GP-0530-05-TC-	5.30	6.0	42	36	80	5	I	F	U		MF 5.5 x 0.50
AS-GP-0540-05-WC-	AS-GP-0540-05-TC-	5.40	6.0	42	36	80	5	I	F	U		
AS-GP-0550-05-WC-	AS-GP-0550-05-TC-	5.50	6.0	42	36	80	5	I	F	U	1/4 -28 UNF	
AS-GP-0555-05-WC-	AS-GP-0555-05-TC-	5.55	6.0	42	36	80	5	I	F	U		M 6
AS-GP-0565-05-WC-	AS-GP-0565-05-TC-	5.65	6.0	42	36	80	5	I	F	U		MF 6x 0.75
AS-GP-0575-05-WC-	AS-GP-0575-05-TC-	5.75	6.0	42	36	80	5	I	F	U		1/4 - 20 UNC
AS-GP-0580-05-WC-	AS-GP-0580-05-TC-	5.80	6.0	42	36	80	5	I	F	U		
AS-GP-0590-05-WC-	AS-GP-0590-05-TC-	5.90	6.0	42	36	80	5	I	F	U	5/16- 24 UNF	
AS-GP-0600-05-WC-	AS-GP-0600-05-TC-	6.00	6.0	42	36	80	5	I	F	U	M7	
AS-GP-0610-05-WC-	AS-GP-0610-05-TC-	6.10	8.0	53	36	93	5	I	F	U		
AS-GP-0620-05-WC-	AS-GP-0620-05-TC-	6.20	8.0	53	36	93	5	I	F	U		
AS-GP-0625-05-WC-	AS-GP-0625-05-TC-	6.25	8.0	53	36	93	5	I	F	U	MF 7.0x 0.75	
AS-GP-0630-05-WC-	AS-GP-0630-05-TC-	6.30	8.0	53	36	93	5	I	F	U		
AS-GP-0640-05-WC-	AS-GP-0640-05-TC-	6.40	8.0	53	36	93	5	I	F	U		
AS-GP-0655-05-WC-	AS-GP-0655-05-TC-	6.55	8.0	53	36	93	5	I	F	U		M7
AS-GP-0660-05-WC-	AS-GP-0660-05-TC-	6.60	8.0	53	36	93	5	I	F	U	5/16- 18 UNC	
AS-GP-0670-05-WC-	AS-GP-0670-05-TC-	6.70	8.0	53	36	93	5	I	F	U		
AS-GP-0680-05-WC-	AS-GP-0680-05-TC-	6.80	8.0	53	36	93	5	I	F	U	M8	
AS-GP-0690-05-WC-	AS-GP-0690-05-TC-	6.90	8.0	53	36	93	5	I	F	U	M8	
AS-GP-0700-05-WC-	AS-GP-0700-05-TC-	7.00	8.0	53	36	93	5	I	F	U	MF 8.0x 1.00	
AS-GP-0710-05-WC-	AS-GP-0710-05-TC-	7.10	8.0	53	36	93	5	I	F	U		
AS-GP-0720-05-WC-	AS-GP-0720-05-TC-	7.20	8.0	53	36	93	5	I	F	U		
AS-GP-0725-05-WC-	AS-GP-0725-05-TC-	7.25	8.0	53	36	93	5	I	F	U	MF 8.0x 0.75	
AS-GP-0730-05-WC-	AS-GP-0730-05-TC-	7.30	8.0	53	36	93	5	I	F	U		5/16-18 UNC
AS-GP-0740-05-WC-	AS-GP-0740-05-TC-	7.40	8.0	53	36	93	5	I	F	U		M 8
AS-GP-0750-05-WC-	AS-GP-0750-05-TC-	7.50	8.0	53	36	93	5	I	F	U	MF 8.0x 0.50	
AS-GP-0765-05-WC-	AS-GP-0765-05-TC-	7.65	8.0	53	36	93	5	I	F	U		MF 8x0.75

Ordering code for Example:-
AS-GP-0830-05-WC- F Coating FerroCon
AS-GP-0830-05-TC-I Coating InoxaCon
AS-GP-0830-05-TC-U Coating UnCoated

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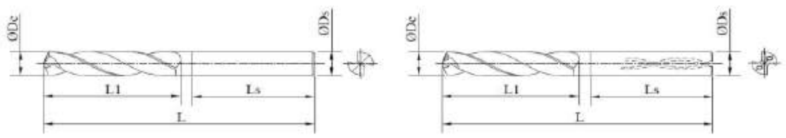
SOLID CARBIDE - GENERAL PURPOSE DRILL

P	●
M	●
K	●
N	●
S	●
H	○

140° 4~5 xD

Dc m7 Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0770-05-WC-	AS-GP-0770-05-TC-	7.70	8.0	53	36	93	5	I	F	U		
AS-GP-0780-05-WC-	AS-GP-0780-05-TC-	7.80	8.0	53	36	93	5	I	F	U	M9	
AS-GP-0790-05-WC-	AS-GP-0790-05-TC-	7.90	8.0	53	36	93	5	I	F	U		
AS-GP-0800-05-WC-	AS-GP-0800-05-TC-	8.00	8.0	53	36	93	5	I	F	U	MF 9.0x 1.00/ 3/8- 16UNC	
AS-GP-0810-05-WC-	AS-GP-0810-05-TC-	8.10	10.0	61	40	105	5	I	F	U		
AS-GP-0820-05-WC-	AS-GP-0820-05-TC-	8.20	10.0	61	40	105	5	I	F	U		
AS-GP-0830-05-WC-	AS-GP-0830-05-TC-	8.30	10.0	61	40	105	5	I	F	U		
AS-GP-0840-05-WC-	AS-GP-0840-05-TC-	8.40	10.0	61	40	105	5	I	F	U		M 9
AS-GP-0850-05-WC-	AS-GP-0850-05-TC-	8.50	10.0	61	40	105	5	I	F	U	M10/ 3/8 -24 UNF	
AS-GP-0860-05-WC-	AS-GP-0860-05-TC-	8.60	10.0	61	40	105	5	I	F	U		
AS-GP-0870-05-WC-	AS-GP-0870-05-TC-	8.70	10.0	61	40	105	5	I	F	U		
AS-GP-0880-05-WC-	AS-GP-0880-05-TC-	8.80	10.0	61	40	105	5	I	F	U	MF 10x 1.25	3/8-16 UNC
AS-GP-0890-05-WC-	AS-GP-0890-05-TC-	8.90	10.0	61	40	105	5	I	F	U		
AS-GP-0900-05-WC-	AS-GP-0900-05-TC-	9.00	10.0	61	40	105	5	I	F	U	MF 10x 1.00	
AS-GP-0910-05-WC-	AS-GP-0910-05-TC-	9.10	10.0	61	40	105	5	I	F	U		
AS-GP-0925-05-WC-	AS-GP-0925-05-TC-	9.25	10.0	61	40	105	5	I	F	U	MF 10x 0.75	
AS-GP-0930-05-WC-	AS-GP-0930-05-TC-	9.30	10.0	61	40	105	5	I	F	U		M 10
AS-GP-0940-05-WC-	AS-GP-0940-05-TC-	9.40	10.0	61	40	105	5	I	F	U	7/16- 14 UNC	MF 10 x1.25
AS-GP-0950-05-WC-	AS-GP-0950-05-TC-	9.50	10.0	61	40	105	5	I	F	U	M11	MF 10 x1.0
AS-GP-0965-05-WC-	AS-GP-0965-05-TC-	9.65	10.0	61	40	105	5	I	F	U		MF 10x0.75
AS-GP-0970-05-WC-	AS-GP-0970-05-TC-	9.70	10.0	61	40	105	5	I	F	U		
AS-GP-0980-05-WC-	AS-GP-0980-05-TC-	9.80	10.0	61	40	105	5	I	F	U		
AS-GP-0990-05-WC-	AS-GP-0990-05-TC-	9.90	10.0	61	40	105	5	I	F	U	7/16- 20 UNF	
AS-GP-1000-05-WC-	AS-GP-1000-05-TC-	10.00	10.0	61	40	105	5	I	F	U	MF 11 x 1.00	
AS-GP-1010-05-WC-	AS-GP-1010-05-TC-	10.10	12.0	71	45	120	5	I	F	U		
AS-GP-1020-05-WC-	AS-GP-1020-05-TC-	10.20	12.0	71	45	120	5	I	F	U	M12	
AS-GP-1030-05-WC-	AS-GP-1030-05-TC-	10.30	12.0	71	45	120	5	I	F	U		M 11 / 7/16- 14 UNC
AS-GP-1040-05-WC-	AS-GP-1040-05-TC-	10.40	12.0	71	45	120	5	I	F	U		
AS-GP-1050-05-WC-	AS-GP-1050-05-TC-	10.50	12.0	71	45	120	5	I	F	U	MF 12x 1.50	
AS-GP-1055-05-WC-	AS-GP-1055-05-TC-	10.55	12.0	71	45	120	5	I	F	U		7/16- 20 UNF
AS-GP-1075-05-WC-	AS-GP-1075-05-TC-	10.75	12.0	71	45	120	5	I	F	U	MF 12x 1.25	
AS-GP-1080-05-WC-	AS-GP-1080-05-TC-	10.80	12.0	71	45	120	5	I	F	U	1/2- 13 UNC	
AS-GP-1090-05-WC-	AS-GP-1090-05-TC-	10.90	12.0	71	45	120	5	I	F	U		
AS-GP-1100-05-WC-	AS-GP-1100-05-TC-	11.00	12.0	71	45	120	5	I	F	U	MF 12x 1.00	
AS-GP-1110-05-WC-	AS-GP-1110-05-TC-	11.10	12.0	71	45	120	5	I	F	U		
AS-GP-1120-05-WC-	AS-GP-1120-05-TC-	11.20	12.0	71	45	120	5	I	F	U		M 12
AS-GP-1130-05-WC-	AS-GP-1130-05-TC-	11.30	12.0	71	45	120	5	I	F	U		MF12x1.50
AS-GP-1140-05-WC-	AS-GP-1140-05-TC-	11.40	12.0	71	45	120	5	I	F	U		MF12x1.25
AS-GP-1150-05-WC-	AS-GP-1150-05-TC-	11.50	12.0	71	45	120	5	I	F	U	1/2 -20 UNF	
AS-GP-1160-05-WC-	AS-GP-1160-05-TC-	11.60	12.0	71	45	120	5	I	F	U		
AS-GP-1170-05-WC-	AS-GP-1170-05-TC-	11.70	12.0	71	45	120	5	I	F	U		
AS-GP-1180-05-WC-	AS-GP-1180-05-TC-	11.80	12.0	71	45	120	5	I	F	U		
AS-GP-1190-05-WC-	AS-GP-1190-05-TC-	11.90	12.0	71	45	120	5	I	F	U		
AS-GP-1200-05-WC-	AS-GP-1200-05-TC-	12.00	12.0	71	45	120	5	I	F	U	M14	
AS-GP-1210-05-WC-	AS-GP-1210-05-TC-	12.10	14.0	77	45	125	4	I	F	U		1/2- 20 UNF
AS-GP-1220-05-WC-	AS-GP-1220-05-TC-	12.20	14.0	77	45	125	4	I	F	U	9/16- 12 UNC	
AS-GP-1230-05-WC-	AS-GP-1230-05-TC-	12.30	14.0	77	45	125	4	I	F	U		
AS-GP-1250-05-WC-	AS-GP-1250-05-TC-	12.50	14.0	77	45	125	4	I	F	U	MF 14x 1.50	
AS-GP-1260-05-WC-	AS-GP-1260-05-TC-	12.60	14.0	77	45	125	4	I	F	U		
AS-GP-1275-05-WC-	AS-GP-1275-05-TC-	12.75	14.0	77	45	125	4	I	F	U	MF 14x 1.25	
AS-GP-1280-05-WC-	AS-GP-1280-05-TC-	12.80	14.0	77	45	125	4	I	F	U		
AS-GP-1290-05-WC-	AS-GP-1290-05-TC-	12.90	14.0	77	45	125	4	I	F	U	9/16 -18 UNF	
AS-GP-1300-05-WC-	AS-GP-1300-05-TC-	13.00	14.0	77	45	125	4	I	F	U	MF 14x 1.00	
AS-GP-1310-05-WC-	AS-GP-1310-05-TC-	13.10	14.0	77	45	125	4	I	F	U		M 14

Ordering code for Example:-

AS-GP-0830-05-WC- F Coating FerroCon

AS-GP-0830-05-TC-I Coating InoxaCon

AS-GP-0830-05-TC-U Coating UnCoated

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ISO 9001 : 2015

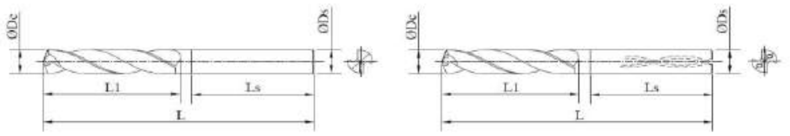
SOLID CARBIDE - GENERAL PURPOSE DRILL

P	●
M	●
K	●
N	●
S	●
H	○

140° | 4~5 xD

Dc m7 | Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-1320-05-WC-	AS-GP-1320-05-TC-	13.20	14.0	77	45	125	4	I	F	U		
AS-GP-1330-05-WC-	AS-GP-1330-05-TC-	13.30	14.0	77	45	125	4	I	F	U		MF 14 x 1.50
AS-GP-1340-05-WC-	AS-GP-1340-05-TC-	13.40	14.0	77	45	125	4	I	F	U		MF 14 x 1.25
AS-GP-1350-05-WC-	AS-GP-1350-05-TC-	13.50	14.0	77	45	125	4	I	F	U	MF 15x 1.50/ 5/8- 11 UNC	
AS-GP-1360-05-WC-	AS-GP-1360-05-TC-	13.60	14.0	77	45	125	4	I	F	U		
AS-GP-1370-05-WC-	AS-GP-1370-05-TC-	13.70	14.0	77	45	125	4	I	F	U		
AS-GP-1380-05-WC-	AS-GP-1380-05-TC-	13.80	14.0	77	45	125	4	I	F	U		
AS-GP-1390-05-WC-	AS-GP-1390-05-TC-	13.90	14.0	77	45	125	4	I	F	U		
AS-GP-1400-05-WC-	AS-GP-1400-05-TC-	14.00	14.0	77	45	125	4	I	F	U	M16/MF 15x 1.00	
AS-GP-1430-05-WC-	AS-GP-1430-05-TC-	14.30	16.0	83	48	135	4	I	F	U		MF 15 x 1.50
AS-GP-1440-05-WC-	AS-GP-1440-05-TC-	14.40	16.0	83	48	135	4	I	F	U		
AS-GP-1450-05-WC-	AS-GP-1450-05-TC-	14.50	16.0	83	48	135	4	I	F	U	MF 16x 1.50/ 5/8 -18 UNF	
AS-GP-1460-05-WC-	AS-GP-1460-05-TC-	14.60	16.0	83	48	135	4	I	F	U		
AS-GP-1480-05-WC-	AS-GP-1480-05-TC-	14.80	16.0	83	48	135	4	I	F	U	MF 16x 1.25	5/8 -11 UNC
AS-GP-1490-05-WC-	AS-GP-1490-05-TC-	14.90	16.0	83	48	135	4	I	F	U		
AS-GP-1500-05-WC-	AS-GP-1500-05-TC-	15.00	16.0	83	48	135	4	I	F	U	MF 16x 1.00	
AS-GP-1510-05-WC-	AS-GP-1510-05-TC-	15.10	16.0	83	48	135	4	I	F	U		M 16
AS-GP-1520-05-WC-	AS-GP-1520-05-TC-	15.20	16.0	83	48	135	4	I	F	U		
AS-GP-1530-05-WC-	AS-GP-1530-05-TC-	15.30	16.0	83	48	135	4	I	F	U		MF16 x 1.50
AS-GP-1550-05-WC-	AS-GP-1550-05-TC-	15.50	16.0	83	48	135	4	I	F	U	M18 /MF 17x 1.50	
AS-GP-1600-05-WC-	AS-GP-1600-05-TC-	16.00	16.0	83	48	135	4	I	F	U	MF 17x 1.00	
AS-GP-1630-05-WC-	AS-GP-1630-05-TC-	16.30	18.0	93	48	145	4	I	F	U		MF 17 x 1.50
AS-GP-1640-05-WC-	AS-GP-1640-05-TC-	16.40	18.0	93	48	145	4	I	F	U		
AS-GP-1650-05-WC-	AS-GP-1650-05-TC-	16.50	18.0	93	48	145	4	I	F	U	MF 18x 1.50 / 3/4- 10 UNC	
AS-GP-1680-05-WC-	AS-GP-1680-05-TC-	16.80	18.0	93	48	145	4	I	F	U		
AS-GP-1690-05-WC-	AS-GP-1690-05-TC-	16.90	18.0	93	48	145	4	I	F	U		M 18
AS-GP-1700-05-WC-	AS-GP-1700-05-TC-	17.00	18.0	93	48	145	4	I	F	U	MF 18x 1.00	
AS-GP-1710-05-WC-	AS-GP-1710-05-TC-	17.10	18.0	93	48	145	4	I	F	U		MF18 x 2.00
AS-GP-1730-05-WC-	AS-GP-1730-05-TC-	17.30	18.0	93	48	145	4	I	F	U		MF 18 x 1.50
AS-GP-1750-05-WC-	AS-GP-1750-05-TC-	17.50	18.0	93	48	145	4	I	F	U	M20 / 3/4 -16 UNF	
AS-GP-1790-05-WC-	AS-GP-1790-05-TC-	17.90	18.0	93	48	145	4	I	F	U		3/4- 10 UNC
AS-GP-1800-05-WC-	AS-GP-1800-05-TC-	18.00	18.0	93	48	145	4	I	F	U	MF 20x 2.00	
AS-GP-1850-05-WC-	AS-GP-1850-05-TC-	18.50	20.0	101	50	155	4	I	F	U	MF 20x 1.50	
AS-GP-1870-05-WC-	AS-GP-1870-05-TC-	18.70	20.0	101	50	155	4	I	F	U		
AS-GP-1900-05-WC-	AS-GP-1900-05-TC-	19.00	20.0	101	50	155	4	I	F	U	MF 20x 1.00	
AS-GP-1930-05-WC-	AS-GP-1930-05-TC-	19.30	20.0	101	50	155	4	I	F	U		MF 20 x 1.50
AS-GP-1950-05-WC-	AS-GP-1950-05-TC-	19.50	20.0	101	50	155	4	I	F	U	M22 / 7/8- 9 UNC	
AS-GP-2000-05-WC-	AS-GP-2000-05-TC-	20.00	20.0	101	50	155	4	I	F	U	MF 22x 2.00	

Ordering code for Example:-
AS-GP-0830-05-WC- F Coating FerroCon
AS-GP-0830-05-TC-I Coating InoxaCon
AS-GP-0830-05-TC-U Coating UnCoated

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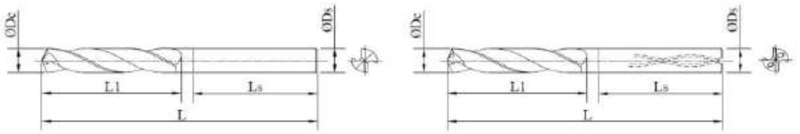
SOLID CARBIDE - GENERAL PURPOSE DRILL

P	●
M	●
K	●
N	●
S	●
H	○

140° | 8xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0300-08-WC-	AS-GP-0300-08-TC-	3.00	6.0	34	36	74	8	I	F	U		
AS-GP-0310-08-WC-	AS-GP-0310-08-TC-	3.10	6.0	34	36	74	8	I	F	U		
AS-GP-0315-08-WC-	AS-GP-0315-08-TC-	3.15	6.0	34	36	74	8	I	F	U	MF 3.5 x 0.35	Nr. 6-32 UNC
AS-GP-0320-08-WC-	AS-GP-0320-08-TC-	3.20	6.0	34	36	74	8	I	F	U		6 - 40 UNF
AS-GP-0330-08-WC-	AS-GP-0330-08-TC-	3.30	6.0	34	36	74	8	I	F	U	M4	M 3.5
AS-GP-0340-08-WC-	AS-GP-0340-08-TC-	3.40	6.0	34	36	74	8	I	F	U		
AS-GP-0345-08-WC-	AS-GP-0345-08-TC-	3.45	6.0	34	36	74	8	I	F	U		
AS-GP-0350-08-WC-	AS-GP-0350-08-TC-	3.50	6.0	34	36	74	8	I	F	U	MF 4.0 x 0.50 /Nr.8-36 UNF	
AS-GP-0355-08-WC-	AS-GP-0355-08-TC-	3.55	6.0	34	36	74	8	I	F	U	Nr. 8- 32UNC	
AS-GP-0360-08-WC-	AS-GP-0360-08-TC-	3.60	6.0	34	36	74	8	I	F	U		
AS-GP-0370-08-WC-	AS-GP-0370-08-TC-	3.70	6.0	34	36	74	8	I	F	U	M4.5	M 4
AS-GP-0380-08-WC-	AS-GP-0380-08-TC-	3.80	6.0	47	36	87	8	I	F	U		MF 4 x 0.50/Nr, 8-32 UNC
AS-GP-0390-08-WC-	AS-GP-0390-08-TC-	3.90	6.0	47	36	87	8	I	F	U	Nr. 10- 24UNC	
AS-GP-0400-08-WC-	AS-GP-0400-08-TC-	4.00	6.0	47	36	87	8	I	F	U	MF 4.5x 0.50	
AS-GP-0410-08-WC-	AS-GP-0410-08-TC-	4.10	6.0	47	36	87	8	I	F	U	Nr. 10 -32 UNF	
AS-GP-0420-08-WC-	AS-GP-0420-08-TC-	4.20	6.0	47	36	87	8	I	F	U	M5	
AS-GP-0435-08-WC-	AS-GP-0435-08-TC-	4.35	6.0	47	36	87	8	I	F	U		Nr.10-24 UNC
AS-GP-0440-08-WC-	AS-GP-0440-08-TC-	4.40	6.0	47	36	87	8	I	F	U		
AS-GP-0450-08-WC-	AS-GP-0450-08-TC-	4.50	6.0	47	36	87	8	I	F	U	MF 5.0x 0.50/Nr. 12-24UNC	
AS-GP-0455-08-WC-	AS-GP-0455-08-TC-	4.55	6.0	47	36	87	8	I	F	U		
AS-GP-0460-08-WC-	AS-GP-0460-08-TC-	4.60	6.0	47	36	87	8	I	F	U	Nr. 12-28 UNF	
AS-GP-0465-08-WC-	AS-GP-0465-08-TC-	4.65	6.0	47	36	87	8	I	F	U		M 5
AS-GP-0470-08-WC-	AS-GP-0470-08-TC-	4.70	6.0	47	36	87	8	I	F	U		
AS-GP-0480-08-WC-	AS-GP-0480-08-TC-	4.80	6.0	57	36	97	8	I	F	U		M 5 x 0.50
AS-GP-0490-08-WC-	AS-GP-0490-08-TC-	4.90	6.0	57	36	97	8	I	F	U		
AS-GP-0500-08-WC-	AS-GP-0500-08-TC-	5.00	6.0	57	36	97	8	I	F	U	M6/MF5.5x 0.50	Nr.12 -24 UNC
AS-GP-0510-08-WC-	AS-GP-0510-08-TC-	5.10	6.0	57	36	97	8	I	F	U	1/4 - 20 UNC	Nr.12 - 28 UNF
AS-GP-0520-08-WC-	AS-GP-0520-08-TC-	5.20	6.0	57	36	97	8	I	F	U		
AS-GP-0525-08-WC-	AS-GP-0525-08-TC-	5.25	6.0	57	36	97	8	I	F	U	MF 6.0x 0.75	
AS-GP-0530-08-WC-	AS-GP-0530-08-TC-	5.30	6.0	57	36	97	8	I	F	U		MF 5.5 x 0.50
AS-GP-0540-08-WC-	AS-GP-0540-08-TC-	5.40	6.0	57	36	97	8	I	F	U		
AS-GP-0550-08-WC-	AS-GP-0550-08-TC-	5.50	6.0	57	36	97	8	I	F	U	1/4 -28 UNF	
AS-GP-0555-08-WC-	AS-GP-0555-08-TC-	5.55	6.0	57	36	97	8	I	F	U		M 6
AS-GP-0565-08-WC-	AS-GP-0565-08-TC-	5.65	6.0	57	36	97	8	I	F	U		MF 6x 0.75
AS-GP-0575-08-WC-	AS-GP-0575-08-TC-	5.75	6.0	57	36	97	8	I	F	U		1/4 - 20 UNC
AS-GP-0580-08-WC-	AS-GP-0580-08-TC-	5.80	6.0	57	36	97	8	I	F	U		
AS-GP-0590-08-WC-	AS-GP-0590-08-TC-	5.90	6.0	57	36	97	8	I	F	U	5/16- 24 UNF	
AS-GP-0600-08-WC-	AS-GP-0600-08-TC-	6.00	6.0	57	36	97	8	I	F	U	M7	
AS-GP-0610-08-WC-	AS-GP-0610-08-TC-	6.10	8.0	66	36	106	8	I	F	U		
AS-GP-0620-08-WC-	AS-GP-0620-08-TC-	6.20	8.0	66	36	106	8	I	F	U		
AS-GP-0625-08-WC-	AS-GP-0625-08-TC-	6.25	8.0	66	36	106	8	I	F	U	MF 7.0x 0.75	
AS-GP-0630-08-WC-	AS-GP-0630-08-TC-	6.30	8.0	66	36	106	8	I	F	U		
AS-GP-0640-08-WC-	AS-GP-0640-08-TC-	6.40	8.0	66	36	106	8	I	F	U		
AS-GP-0655-08-WC-	AS-GP-0655-08-TC-	6.55	8.0	66	36	106	8	I	F	U		M7
AS-GP-0660-08-WC-	AS-GP-0660-08-TC-	6.60	8.0	66	36	106	8	I	F	U	5/16- 18 UNC	
AS-GP-0670-08-WC-	AS-GP-0670-08-TC-	6.70	8.0	66	36	106	8	I	F	U		
AS-GP-0680-08-WC-	AS-GP-0680-08-TC-	6.80	8.0	66	36	106	8	I	F	U	M8	
AS-GP-0690-08-WC-	AS-GP-0690-08-TC-	6.90	8.0	66	36	106	8	I	F	U		
AS-GP-0700-08-WC-	AS-GP-0700-08-TC-	7.00	8.0	66	36	106	8	I	F	U	MF 8.0x 1.00	
AS-GP-0710-08-WC-	AS-GP-0710-08-TC-	7.10	8.0	80	36	120	8	I	F	U		
AS-GP-0720-08-WC-	AS-GP-0720-08-TC-	7.20	8.0	80	36	120	8	I	F	U		
AS-GP-0725-08-WC-	AS-GP-0725-08-TC-	7.25	8.0	80	36	120	8	I	F	U	MF 8.0x 0.75	
AS-GP-0730-08-WC-	AS-GP-0730-08-TC-	7.30	8.0	80	36	120	8	I	F	U		5/16-18 UNC
AS-GP-0740-08-WC-	AS-GP-0740-08-TC-	7.40	8.0	80	36	120	8	I	F	U		M 8

Ordering code for Example:-
AS-GP-0830-08-WC- F Coating FerroCon
AS-GP-0830-08-TC-I Coating InoxaCon
AS-GP-0830-08-TC-U Coating UnCoated

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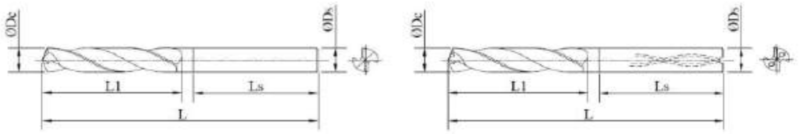
ISO 9001 : 2015

SOLID CARBIDE - GENERAL PURPOSE DRILL

P	M	K	N	S	H
●	●	●	●	●	○

140° | 8xD | Dc m7 | Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-0750-08-WC-	AS-GP-0750-08-TC-	7.50	8.0	80	36	120	8	I	F	U	MF 8.0x 0.50	
AS-GP-0765-08-WC-	AS-GP-0765-08-TC-	7.65	8.0	80	36	120	8	I	F	U		MF 8x0.75
AS-GP-0770-08-WC-	AS-GP-0770-08-TC-	7.70	8.0	80	36	120	8	I	F	U		
AS-GP-0780-08-WC-	AS-GP-0780-08-TC-	7.80	8.0	80	36	120	8	I	F	U	M9	
AS-GP-0790-08-WC-	AS-GP-0790-08-TC-	7.90	8.0	80	36	120	8	I	F	U		
AS-GP-0800-08-WC-	AS-GP-0800-08-TC-	8.00	8.0	80	36	120	8	I	F	U	MF 9.0x 1.00/ 3/8- 16UNC	
AS-GP-0810-08-WC-	AS-GP-0810-08-TC-	8.10	10.0	95	40	139	8	I	F	U		
AS-GP-0820-08-WC-	AS-GP-0820-08-TC-	8.20	10.0	95	40	139	8	I	F	U		
AS-GP-0830-08-WC-	AS-GP-0830-08-TC-	8.30	10.0	95	40	139	8	I	F	U		
AS-GP-0840-08-WC-	AS-GP-0840-08-TC-	8.40	10.0	95	40	139	8	I	F	U		M 9
AS-GP-0850-08-WC-	AS-GP-0850-08-TC-	8.50	10.0	95	40	139	8	I	F	U	M10/ 3/8 -24 UNF	
AS-GP-0860-08-WC-	AS-GP-0860-08-TC-	8.60	10.0	95	40	139	8	I	F	U		
AS-GP-0870-08-WC-	AS-GP-0870-08-TC-	8.70	10.0	95	40	139	8	I	F	U		
AS-GP-0880-08-WC-	AS-GP-0880-08-TC-	8.80	10.0	95	40	139	8	I	F	U	MF 10x 1.25	3/8-16 UNC
AS-GP-0890-08-WC-	AS-GP-0890-08-TC-	8.90	10.0	95	40	139	8	I	F	U		
AS-GP-0900-08-WC-	AS-GP-0900-08-TC-	9.00	10.0	95	40	139	8	I	F	U	MF 10x 1.00	
AS-GP-0910-08-WC-	AS-GP-0910-08-TC-	9.10	10.0	95	40	139	8	I	F	U		
AS-GP-0925-08-WC-	AS-GP-0925-08-TC-	9.25	10.0	95	40	139	8	I	F	U	MF 10x 0.75	
AS-GP-0930-08-WC-	AS-GP-0930-08-TC-	9.30	10.0	95	40	139	8	I	F	U		M 10
AS-GP-0940-08-WC-	AS-GP-0940-08-TC-	9.40	10.0	95	40	139	8	I	F	U	7/16- 14 UNC	MF 10 x1.25
AS-GP-0950-08-WC-	AS-GP-0950-08-TC-	9.50	10.0	95	40	139	8	I	F	U	M11	MF 10 x1.0
AS-GP-0965-08-WC-	AS-GP-0965-08-TC-	9.65	10.0	95	40	139	8	I	F	U		MF 10x0.75
AS-GP-0970-08-WC-	AS-GP-0970-08-TC-	9.70	10.0	95	40	139	8	I	F	U		
AS-GP-0980-08-WC-	AS-GP-0980-08-TC-	9.80	10.0	95	40	139	8	I	F	U		
AS-GP-0990-08-WC-	AS-GP-0990-08-TC-	9.90	10.0	95	40	139	8	I	F	U	7/16- 20 UNF	
AS-GP-1000-08-WC-	AS-GP-1000-08-TC-	10.00	10.0	95	40	139	8	I	F	U	MF 11 x 1.00	
AS-GP-1010-08-WC-	AS-GP-1010-08-TC-	10.10	12.0	114	45	161	8	I	F	U		
AS-GP-1020-08-WC-	AS-GP-1020-08-TC-	10.20	12.0	114	45	161	8	I	F	U	M12	
AS-GP-1030-08-WC-	AS-GP-1030-08-TC-	10.30	12.0	114	45	161	8	I	F	U		M 11 / 7/16- 14 UNC
AS-GP-1040-08-WC-	AS-GP-1040-08-TC-	10.40	12.0	114	45	161	8	I	F	U		
AS-GP-1050-08-WC-	AS-GP-1050-08-TC-	10.50	12.0	114	45	161	8	I	F	U	MF 12x 1.50	
AS-GP-1055-08-WC-	AS-GP-1055-08-TC-	10.55	12.0	114	45	161	8	I	F	U		7/16- 20 UNF
AS-GP-1075-08-WC-	AS-GP-1075-08-TC-	10.75	12.0	114	45	161	8	I	F	U	MF 12x 1.25	
AS-GP-1080-08-WC-	AS-GP-1080-08-TC-	10.80	12.0	114	45	161	8	I	F	U	1/2- 13 UNC	
AS-GP-1090-08-WC-	AS-GP-1090-08-TC-	10.90	12.0	114	45	161	8	I	F	U		
AS-GP-1100-08-WC-	AS-GP-1100-08-TC-	11.00	12.0	114	45	161	8	I	F	U	MF 12x 1.00	
AS-GP-1110-08-WC-	AS-GP-1110-08-TC-	11.10	12.0	114	45	161	8	I	F	U		
AS-GP-1120-08-WC-	AS-GP-1120-08-TC-	11.20	12.0	114	45	161	8	I	F	U		M 12
AS-GP-1130-08-WC-	AS-GP-1130-08-TC-	11.30	12.0	114	45	161	8	I	F	U		MF12x1.50
AS-GP-1140-08-WC-	AS-GP-1140-08-TC-	11.40	12.0	114	45	161	8	I	F	U		MF12x1.25
AS-GP-1150-08-WC-	AS-GP-1150-08-TC-	11.50	12.0	114	45	161	8	I	F	U	1/2 -20 UNF	
AS-GP-1160-08-WC-	AS-GP-1160-08-TC-	11.60	12.0	114	45	161	8	I	F	U		
AS-GP-1170-08-WC-	AS-GP-1170-08-TC-	11.70	12.0	114	45	161	8	I	F	U		
AS-GP-1180-08-WC-	AS-GP-1180-08-TC-	11.80	12.0	114	45	161	8	I	F	U		
AS-GP-1190-08-WC-	AS-GP-1190-08-TC-	11.90	12.0	114	45	161	8	I	F	U		
AS-GP-1200-08-WC-	AS-GP-1200-08-TC-	12.00	12.0	114	45	161	8	I	F	U	M14	
AS-GP-1210-08-WC-	AS-GP-1210-08-TC-	12.10	14.0	135	45	185	8	I	F	U		1/2- 20 UNF
AS-GP-1220-08-WC-	AS-GP-1220-08-TC-	12.20	14.0	135	45	185	8	I	F	U	9/16- 12 UNC	
AS-GP-1230-08-WC-	AS-GP-1230-08-TC-	12.30	14.0	135	45	185	8	I	F	U		
AS-GP-1250-08-WC-	AS-GP-1250-08-TC-	12.50	14.0	135	45	185	8	I	F	U	MF 14x 1.50	
AS-GP-1260-08-WC-	AS-GP-1260-08-TC-	12.60	14.0	135	45	185	8	I	F	U		
AS-GP-1275-08-WC-	AS-GP-1275-08-TC-	12.75	14.0	135	45	185	8	I	F	U	MF 14x 1.25	
AS-GP-1290-08-WC-	AS-GP-1290-08-TC-	12.90	14.0	135	45	185	8	I	F	U	9/16 -18 UNF	
AS-GP-1300-08-WC-	AS-GP-1300-08-TC-	13.00	14.0	135	45	185	8	I	F	U	MF 14x 1.00	

Ordering code for Example:-
AS-GP-0830-08-WC- F Coating FerroCon
AS-GP-0830-08-TC-I Coating InoxaCon
AS-GP-0830-08-TC-U Coating UnCoated

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ISO 9001 : 2015

SOLID CARBIDE - GENERAL PURPOSE DRILL

P	●
M	●
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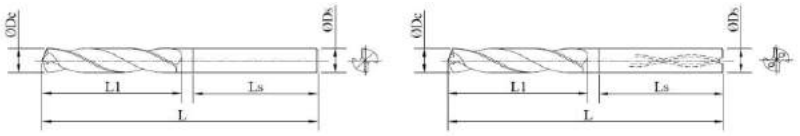
140°

8xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating			Tap Sizes	
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated	Cut tap	Rolled tap
AS-GP-1310-08-WC-	AS-GP-1310-08-TC-	13.10	14.0	135	45	185	8	I	F	U		M 14
AS-GP-1330-08-WC-	AS-GP-1330-08-TC-	13.30	14.0	135	45	185	8	I	F	U		MF 14 x 1.50
AS-GP-1340-08-WC-	AS-GP-1340-08-TC-	13.40	14.0	135	45	185	8	I	F	U		MF 14 x 1.25
AS-GP-1350-08-WC-	AS-GP-1350-08-TC-	13.50	14.0	135	45	185	8	I	F	U	MF 15x 1.50/ 5/8- 11 UNC	
AS-GP-1370-08-WC-	AS-GP-1370-08-TC-	13.70	14.0	135	45	185	8	I	F	U		
AS-GP-1400-08-WC-	AS-GP-1400-08-TC-	14.00	14.0	135	45	185	8	I	F	U	M16/MF 15x 1.00	
	AS-GP-1425-08-TC-	14.25	16.0	152	48	205	8	I	F	U		
	AS-GP-1430-08-TC-	14.30	16.0	152	48	205	8	I	F	U		MF 15 x 1.50
	AS-GP-1450-08-TC-	14.50	16.0	152	48	205	8	I	F	U	MF 16x 1.50/ 5/8 -18 UNF	
	AS-GP-1480-08-TC-	14.80	16.0	152	48	205	8	I	F	U	MF 16x 1.25	5/8 -11 UNC
	AS-GP-1500-08-TC-	15.00	16.0	152	48	205	8	I	F	U	MF 16x 1.00	
	AS-GP-1510-08-TC-	15.10	16.0	152	48	205	8	I	F	U		M 16
	AS-GP-1530-08-TC-	15.30	16.0	152	48	205	8	I	F	U		MF16 x 1.50
	AS-GP-1550-08-TC-	15.50	16.0	152	48	205	8	I	F	U	M18 /MF 17x 1.50	
	AS-GP-1570-08-TC-	15.70	16.0	152	48	205	8	I	F	U		
	AS-GP-1600-08-TC-	16.00	16.0	152	48	205	8	I	F	U	MF 17x 1.00	
	AS-GP-1630-08-TC-	16.30	18.0	171	48	225	8	I	F	U		MF 17 x 1.50
	AS-GP-1650-08-TC-	16.50	18.0	171	48	225	8	I	F	U	MF 18x 1.50 / 3/4- 10 UNC	
	AS-GP-1690-08-TC-	16.90	18.0	171	48	225	8	I	F	U		M 18
	AS-GP-1700-08-TC-	17.00	18.0	171	48	225	8	I	F	U	MF 18x 1.00	
	AS-GP-1710-08-TC-	17.10	18.0	171	48	225	8	I	F	U		MF18 x 2.00
	AS-GP-1730-08-TC-	17.30	18.0	171	48	225	8	I	F	U		MF 18 x 1.50
	AS-GP-1750-08-TC-	17.50	18.0	171	48	225	8	I	F	U	M20 / 3/4 -16 UNF	
	AS-GP-1790-08-TC-	17.90	18.0	171	48	225	8	I	F	U		3/4- 10 UNC
	AS-GP-1800-08-TC-	18.00	18.0	171	48	225	8	I	F	U	MF 20x 2.00	
	AS-GP-1850-08-TC-	18.50	20.0	190	50	245	8	I	F	U	MF 20x 1.50	
	AS-GP-1890-08-TC-	18.90	20.0	190	50	245	8	I	F	U		M 20
	AS-GP-1900-08-TC-	19.00	20.0	190	50	245	8	I	F	U	MF 20x 1.00	
	AS-GP-1905-08-TC-	19.05	20.0	190	50	245	8					
	AS-GP-1930-08-TC-	19.30	20.0	190	50	245	8	I	F	U		MF 20 x 1.50
	AS-GP-1950-08-TC-	19.50	20.0	190	50	245	8	I	F	U	M22 / 7/8- 9 UNC	
	AS-GP-2000-08-TC-	20.00	20.0	190	50	245	8	I	F	U	MF 22x 2.00	

Ordering code for Example:-
AS-GP-0830-08-WC- F Coating FerroCon
AS-GP-0830-08-TC-I Coating InoxaCon
AS-GP-0830-08-TC-U Coating UnCoated

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Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - STEEL AND SG IRON

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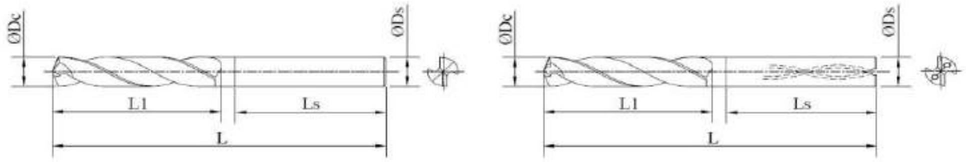
140°

3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-0300-03-WC-	AS-SR-0300-03-TC-	3.00	6.0	18	36	60	3	I	F	
AS-SR-0310-03-WC-	AS-SR-0310-03-TC-	3.10	6.0	18	36	60	3	I	F	
AS-SR-0315-03-WC-	AS-SR-0315-03-TC-	3.15	6.0	18	36	60	3	I	F	MF 3.5 x 0.35
AS-SR-0320-03-WC-	AS-SR-0320-03-TC-	3.20	6.0	18	36	60	3	I	F	
AS-SR-0330-03-WC-	AS-SR-0330-03-TC-	3.30	6.0	18	36	60	3	I	F	M4
AS-SR-0340-03-WC-	AS-SR-0340-03-TC-	3.40	6.0	18	36	60	3	I	F	
AS-SR-0350-03-WC-	AS-SR-0350-03-TC-	3.50	6.0	18	36	60	3	I	F	MF 4.0 x 0.50 /Nr.8-36 UNF
AS-SR-0355-03-WC-	AS-SR-0355-03-TC-	3.55	6.0	18	36	60	3	I	F	Nr. 8- 32UNC
AS-SR-0360-03-WC-	AS-SR-0360-03-TC-	3.60	6.0	18	36	60	3	I	F	
AS-SR-0370-03-WC-	AS-SR-0370-03-TC-	3.70	6.0	18	36	60	3	I	F	M4.5
AS-SR-0380-03-WC-	AS-SR-0380-03-TC-	3.80	6.0	20	36	60	3	I	F	
AS-SR-0390-03-WC-	AS-SR-0390-03-TC-	3.90	6.0	20	36	60	3	I	F	Nr. 10- 24UNC
AS-SR-0400-03-WC-	AS-SR-0400-03-TC-	4.00	6.0	20	36	60	3	I	F	MF 4.5x 0.50
AS-SR-0410-03-WC-	AS-SR-0410-03-TC-	4.10	6.0	20	36	60	3	I	F	Nr. 10 -32 UNF
AS-SR-0420-03-WC-	AS-SR-0420-03-TC-	4.20	6.0	20	36	60	3	I	F	M5
AS-SR-0440-03-WC-	AS-SR-0440-03-TC-	4.40	6.0	20	36	60	3	I	F	
AS-SR-0450-03-WC-	AS-SR-0450-03-TC-	4.50	6.0	20	36	60	3	I	F	MF 5.0x 0.50/Nr. 12-24UNC
AS-SR-0460-03-WC-	AS-SR-0460-03-TC-	4.60	6.0	25	36	63	3	I	F	Nr. 12-28 UNF
AS-SR-0470-03-WC-	AS-SR-0470-03-TC-	4.70	6.0	25	36	63	3	I	F	
AS-SR-0480-03-WC-	AS-SR-0480-03-TC-	4.80	6.0	25	36	63	3	I	F	
AS-SR-0490-03-WC-	AS-SR-0490-03-TC-	4.90	6.0	25	36	63	3	I	F	
AS-SR-0500-03-WC-	AS-SR-0500-03-TC-	5.00	6.0	25	36	63	3	I	F	M6/MF5.5x 0.50
AS-SR-0510-03-WC-	AS-SR-0510-03-TC-	5.10	6.0	25	36	63	3	I	F	1/4 - 20 UNC
AS-SR-0520-03-WC-	AS-SR-0520-03-TC-	5.20	6.0	25	36	63	3	I	F	
AS-SR-0525-03-WC-	AS-SR-0525-03-TC-	5.25	6.0	25	36	63	3	I	F	MF 6.0x 0.75
AS-SR-0530-03-WC-	AS-SR-0530-03-TC-	5.30	6.0	25	36	63	3	I	F	
AS-SR-0540-03-WC-	AS-SR-0540-03-TC-	5.40	6.0	25	36	63	3	I	F	
AS-SR-0550-03-WC-	AS-SR-0550-03-TC-	5.50	6.0	25	36	63	3	I	F	1/4 -28 UNF
AS-SR-0555-03-WC-	AS-SR-0555-03-TC-	5.55	6.0	25	36	63	3	I	F	
AS-SR-0560-03-WC-	AS-SR-0560-03-TC-	5.60	6.0	25	36	63	3	I	F	
AS-SR-0570-03-WC-	AS-SR-0570-03-TC-	5.70	6.0	25	36	63	3	I	F	
AS-SR-0580-03-WC-	AS-SR-0580-03-TC-	5.80	6.0	25	36	63	3	I	F	
AS-SR-0590-03-WC-	AS-SR-0590-03-TC-	5.90	6.0	25	36	63	3	I	F	5/16- 24 UNF
AS-SR-0600-03-WC-	AS-SR-0600-03-TC-	6.00	6.0	25	36	63	3	I	F	M7
AS-SR-0610-03-WC-	AS-SR-0610-03-TC-	6.10	8.0	34	36	79	3	I	F	
AS-SR-0620-03-WC-	AS-SR-0620-03-TC-	6.20	8.0	34	36	79	3	I	F	
AS-SR-0625-03-WC-	AS-SR-0625-03-TC-	6.25	8.0	34	36	79	3	I	F	MF 7.0x 0.75
AS-SR-0630-03-WC-	AS-SR-0630-03-TC-	6.30	8.0	34	36	79	3	I	F	
AS-SR-0640-03-WC-	AS-SR-0640-03-TC-	6.40	8.0	34	36	79	3	I	F	
AS-SR-0650-03-WC-	AS-SR-0650-03-TC-	6.50	8.0	34	36	79	3	I	F	
AS-SR-0660-03-WC-	AS-SR-0660-03-TC-	6.60	8.0	34	36	79	3	I	F	5/16- 18 UNC
AS-SR-0670-03-WC-	AS-SR-0670-03-TC-	6.70	8.0	34	36	79	3	I	F	
AS-SR-0680-03-WC-	AS-SR-0680-03-TC-	6.80	8.0	34	36	79	3	I	F	M8
AS-SR-0690-03-WC-	AS-SR-0690-03-TC-	6.90	8.0	34	36	79	3	I	F	

Ordering Code for Example:-
AS-SR-0800-03-TC-I Coating InoxaCon
AS-SR-0800-03-WC-F Coating FerroCon

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ISO 9001 : 2015

SOLID CARBIDE DRILL - STEEL AND SG IRON

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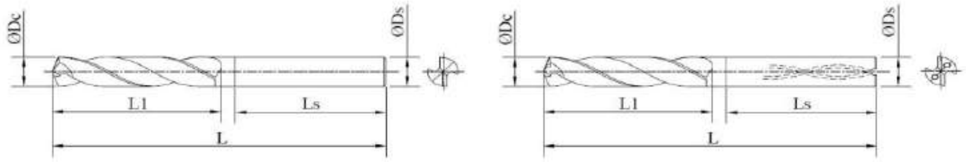
140°

3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-0700-03-WC-	AS-SR-0700-03-TC-	7.00	8.0	34	36	79	3	I	F	MF 8.0x 1.00
AS-SR-0710-03-WC-	AS-SR-0710-03-TC-	7.10	8.0	41	36	79	3	I	F	
AS-SR-0720-03-WC-	AS-SR-0720-03-TC-	7.20	8.0	41	36	79	3	I	F	
AS-SR-0725-03-WC-	AS-SR-0725-03-TC-	7.25	8.0	41	36	79	3	I	F	MF 8.0x 0.75
AS-SR-0730-03-WC-	AS-SR-0730-03-TC-	7.30	8.0	41	36	79	3	I	F	
AS-SR-0740-03-WC-	AS-SR-0740-03-TC-	7.40	8.0	41	36	79	3	I	F	
AS-SR-0750-03-WC-	AS-SR-0750-03-TC-	7.50	8.0	41	36	79	3	I	F	MF 8.0x 0.50
AS-SR-0760-03-WC-	AS-SR-0760-03-TC-	7.60	8.0	41	36	79	3	I	F	
AS-SR-0770-03-WC-	AS-SR-0770-03-TC-	7.70	8.0	41	36	79	3	I	F	
AS-SR-0780-03-WC-	AS-SR-0780-03-TC-	7.80	8.0	41	36	79	3	I	F	M9
AS-SR-0790-03-WC-	AS-SR-0790-03-TC-	7.90	8.0	41	36	79	3	I	F	
AS-SR-0800-03-WC-	AS-SR-0800-03-TC-	8.00	8.0	41	36	79	3	I	F	MF 9.0x 1.00/ 3/8- 16UNC
AS-SR-0810-03-WC-	AS-SR-0810-03-TC-	8.10	10.0	47	40	93	3	I	F	
AS-SR-0820-03-WC-	AS-SR-0820-03-TC-	8.20	10.0	47	40	93	3	I	F	
AS-SR-0830-03-WC-	AS-SR-0830-03-TC-	8.30	10.0	47	40	93	3	I	F	
AS-SR-0840-03-WC-	AS-SR-0840-03-TC-	8.40	10.0	47	40	93	3	I	F	
AS-SR-0850-03-WC-	AS-SR-0850-03-TC-	8.50	10.0	47	40	93	3	I	F	M10/ 3/8 -24 UNF
AS-SR-0860-03-WC-	AS-SR-0860-03-TC-	8.60	10.0	47	40	93	3	I	F	
AS-SR-0870-03-WC-	AS-SR-0870-03-TC-	8.70	10.0	47	40	93	3	I	F	
AS-SR-0880-03-WC-	AS-SR-0880-03-TC-	8.80	10.0	47	40	93	3	I	F	MF 10x 1.25
AS-SR-0890-03-WC-	AS-SR-0890-03-TC-	8.90	10.0	47	40	93	3	I	F	
AS-SR-0900-03-WC-	AS-SR-0900-03-TC-	9.00	10.0	47	40	93	3	I	F	MF 10x 1.00
AS-SR-0910-03-WC-	AS-SR-0910-03-TC-	9.10	10.0	47	40	93	3	I	F	
AS-SR-0925-03-WC-	AS-SR-0925-03-TC-	9.25	10.0	47	40	93	3	I	F	MF 10x 0.75
AS-SR-0930-03-WC-	AS-SR-0930-03-TC-	9.30	10.0	47	40	93	3	I	F	
AS-SR-0940-03-WC-	AS-SR-0940-03-TC-	9.40	10.0	47	40	93	3	I	F	7/16- 14 UNC
AS-SR-0950-03-WC-	AS-SR-0950-03-TC-	9.50	10.0	47	40	93	3	I	F	M11
AS-SR-0970-03-WC-	AS-SR-0970-03-TC-	9.70	10.0	47	40	93	3	I	F	
AS-SR-0990-03-WC-	AS-SR-0990-03-TC-	9.90	10.0	47	40	93	3	I	F	7/16- 20 UNF
AS-SR-1000-03-WC-	AS-SR-1000-03-TC-	10.00	10.0	47	40	93	3	I	F	MF 11 x 1.00
AS-SR-1010-03-WC-	AS-SR-1010-03-TC-	10.10	12.0	55	45	103	3	I	F	
AS-SR-1020-03-WC-	AS-SR-1020-03-TC-	10.20	12.0	55	45	103	3	I	F	M12
AS-SR-1030-03-WC-	AS-SR-1030-03-TC-	10.30	12.0	55	45	103	3	I	F	
AS-SR-1040-03-WC-	AS-SR-1040-03-TC-	10.40	12.0	55	45	103	3	I	F	
AS-SR-1050-03-WC-	AS-SR-1050-03-TC-	10.50	12.0	55	45	103	3	I	F	MF 12x 1.50
AS-SR-1075-03-WC-	AS-SR-1075-03-TC-	10.75	12.0	55	45	103	3	I	F	MF 12x 1.25
AS-SR-1080-03-WC-	AS-SR-1080-03-TC-	10.80	12.0	55	45	103	3	I	F	1/2- 13 UNC
AS-SR-1090-03-WC-	AS-SR-1090-03-TC-	10.90	12.0	55	45	103	3	I	F	
AS-SR-1100-03-WC-	AS-SR-1100-03-TC-	11.00	12.0	55	45	103	3	I	F	MF 12x 1.00
AS-SR-1120-03-WC-	AS-SR-1120-03-TC-	11.20	12.0	55	45	103	3	I	F	
AS-SR-1150-03-WC-	AS-SR-1150-03-TC-	11.50	12.0	55	45	103	3	I	F	1/2 -20 UNF
AS-SR-1170-03-WC-	AS-SR-1170-03-TC-	11.70	12.0	55	45	103	3	I	F	
AS-SR-1200-03-WC-	AS-SR-1200-03-TC-	12.00	12.0	55	45	103	3	I	F	M14
AS-SR-1210-03-WC-	AS-SR-1210-03-TC-	12.10	14.0	60	45	107	3	I	F	

Ordering Code for Example:-
AS-SR-0800-03-TC-I Coating InoxaCon
AS-SR-0800-03-WC-F Coating FerroCon

ACCUSHARP Cutting Tools Pvt. Ltd.

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SOLID CARBIDE DRILL - STEEL AND SG IRON

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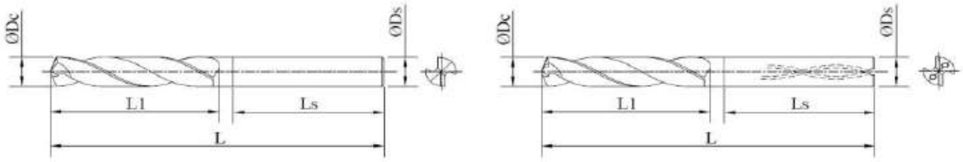
3xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-1220-03-WC-	AS-SR-1220-03-TC-	12.20	14.0	60	45	107	3	I	F	9/16- 12 UNC
AS-SR-1230-03-WC-	AS-SR-1230-03-TC-	12.30	14.0	60	45	107	3	I	F	
AS-SR-1250-03-WC-	AS-SR-1250-03-TC-	12.50	14.0	60	45	107	3	I	F	MF 14x 1.50
AS-SR-1275-03-WC-	AS-SR-1275-03-TC-	12.75	14.0	60	45	107	3	I	F	MF 14x 1.25
AS-SR-1280-03-WC-	AS-SR-1280-03-TC-	12.80	14.0	60	45	107	3	I	F	
AS-SR-1290-03-WC-	AS-SR-1290-03-TC-	12.90	14.0	60	45	107	3	I	F	9/16 -18 UNF
AS-SR-1300-03-WC-	AS-SR-1300-03-TC-	13.00	14.0	60	45	107	3	I	F	MF 14x 1.00
AS-SR-1310-03-WC-	AS-SR-1310-03-TC-	13.10	14.0	60	45	107	3	I	F	
AS-SR-1320-03-WC-	AS-SR-1320-03-TC-	13.20	14.0	60	45	107	3	I	F	
AS-SR-1350-03-WC-	AS-SR-1350-03-TC-	13.50	14.0	60	45	107	3	I	F	MF 15x 1.50/ 5/8- 11 UNC
AS-SR-1370-03-WC-	AS-SR-1370-03-TC-	13.70	14.0	60	45	107	3	I	F	
AS-SR-1380-03-WC-	AS-SR-1380-03-TC-	13.80	14.0	60	45	107	3	I	F	
AS-SR-1390-03-WC-	AS-SR-1390-03-TC-	13.90	14.0	60	45	107	3	I	F	
AS-SR-1400-03-WC-	AS-SR-1400-03-TC-	14.00	14.0	60	45	107	3	I	F	M16/MF 15x 1.00
AS-SR-1410-03-WC-	AS-SR-1410-03-TC-	14.10	16.0	65	48	115	3	I	F	
AS-SR-1420-03-WC-	AS-SR-1420-03-TC-	14.20	16.0	65	48	115	3	I	F	
AS-SR-1430-03-WC-	AS-SR-1430-03-TC-	14.30	16.0	65	48	115	3	I	F	
AS-SR-1450-03-WC-	AS-SR-1450-03-TC-	14.50	16.0	65	48	115	3	I	F	MF 16x 1.50/ 5/8 -18 UNF
AS-SR-1460-03-WC-	AS-SR-1460-03-TC-	14.60	16.0	65	48	115	3	I	F	
AS-SR-1470-03-WC-	AS-SR-1470-03-TC-	14.70	16.0	65	48	115	3	I	F	
AS-SR-1480-03-WC-	AS-SR-1480-03-TC-	14.80	16.0	65	48	115	3	I	F	MF 16x 1.25
AS-SR-1500-03-WC-	AS-SR-1500-03-TC-	15.00	16.0	65	48	115	3	I	F	MF 16x 1.00
AS-SR-1510-03-WC-	AS-SR-1510-03-TC-	15.10	16.0	65	48	115	3	I	F	
AS-SR-1520-03-WC-	AS-SR-1520-03-TC-	15.20	16.0	65	48	115	3	I	F	
AS-SR-1550-03-WC-	AS-SR-1550-03-TC-	15.50	16.0	65	48	115	3	I	F	M18 /MF 17x 1.50
AS-SR-1560-03-WC-	AS-SR-1560-03-TC-	15.60	16.0	65	48	115	3	I	F	
AS-SR-1570-03-WC-	AS-SR-1570-03-TC-	15.70	16.0	65	48	115	3	I	F	
AS-SR-1600-03-WC-	AS-SR-1600-03-TC-	16.00	16.0	65	48	115	3	I	F	MF 17x 1.00
AS-SR-1630-03-WC-	AS-SR-1630-03-TC-	16.30	18.0	73	48	125	3	I	F	
AS-SR-1650-03-WC-	AS-SR-1650-03-TC-	16.50	18.0	73	48	125	3	I	F	MF 18x 1.50 / 3/4- 10 UNC
AS-SR-1670-03-WC-	AS-SR-1670-03-TC-	16.70	18.0	73	48	125	3	I	F	
AS-SR-1680-03-WC-	AS-SR-1680-03-TC-	16.80	18.0	73	48	125	3	I	F	
AS-SR-1690-03-WC-	AS-SR-1690-03-TC-	16.90	18.0	73	48	125	3	I	F	
AS-SR-1700-03-WC-	AS-SR-1700-03-TC-	17.00	18.0	73	48	125	3	I	F	MF 18x 1.00
AS-SR-1750-03-WC-	AS-SR-1750-03-TC-	17.50	18.0	73	48	125	3	I	F	M20 / 3/4 -16 UNF
AS-SR-1780-03-WC-	AS-SR-1780-03-TC-	17.80	18.0	73	48	125	3	I	F	
AS-SR-1800-03-WC-	AS-SR-1800-03-TC-	18.00	18.0	73	48	125	3	I	F	MF 20x 2.00
AS-SR-1850-03-WC-	AS-SR-1850-03-TC-	18.50	20.0	79	50	133	3	I	F	MF 20x 1.50
AS-SR-1870-03-WC-	AS-SR-1870-03-TC-	18.70	20.0	79	50	133	3	I	F	
AS-SR-1900-03-WC-	AS-SR-1900-03-TC-	19.00	20.0	79	50	133	3	I	F	MF 20x 1.00
AS-SR-1950-03-WC-	AS-SR-1950-03-TC-	19.50	20.0	79	50	133	3	I	F	M22 / 7/8- 9 UNC
AS-SR-1980-03-WC-	AS-SR-1980-03-TC-	19.80	20.0	79	50	133	3	I	F	
AS-SR-2000-03-WC-	AS-SR-2000-03-TC-	20.00	20.0	79	50	133	3	I	F	MF 22x 2.00

Ordering Code for Example:-

AS-SR-0800-03-TC-I Coating InoxaCon

AS-SR-0800-03-WC-F Coating FerroCon

ACCUSHARP Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

SOLID CARBIDE DRILL- STEEL AND SG IRON

P	●
M	
K	●
N	
S	
H	

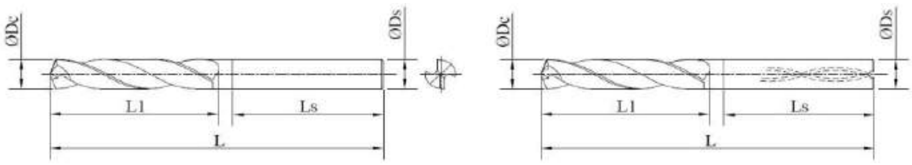
140°

4~5xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-0300-05-WC-	AS-SR-0300-05-TC-	3.00	6.0	25	36	63	5	I	F	
AS-SR-0310-05-WC-	AS-SR-0310-05-TC-	3.10	6.0	25	36	63	5	I	F	
AS-SR-0315-05-WC-	AS-SR-0315-05-TC-	3.15	6.0	25	36	63	5	I	F	MF 3.5 x 0.35
AS-SR-0320-05-WC-	AS-SR-0320-05-TC-	3.20	6.0	25	36	63	5	I	F	
AS-SR-0330-05-WC-	AS-SR-0330-05-TC-	3.30	6.0	25	36	63	5	I	F	M4
AS-SR-0340-05-WC-	AS-SR-0340-05-TC-	3.40	6.0	25	36	63	5	I	F	
AS-SR-0350-05-WC-	AS-SR-0350-05-TC-	3.50	6.0	25	36	63	5	I	F	MF 4.0 x 0.50 /Nr.8-36 UNF
AS-SR-0355-05-WC-	AS-SR-0355-05-TC-	3.55	6.0	25	36	63	5	I	F	Nr. 8- 32UNC
AS-SR-0360-05-WC-	AS-SR-0360-05-TC-	3.60	6.0	25	36	63	5	I	F	
AS-SR-0370-05-WC-	AS-SR-0370-05-TC-	3.70	6.0	25	36	63	5	I	F	M4.5
AS-SR-0380-05-WC-	AS-SR-0380-05-TC-	3.80	6.0	36	36	74	5	I	F	
AS-SR-0390-05-WC-	AS-SR-0390-05-TC-	3.90	6.0	36	36	74	5	I	F	Nr. 10- 24UNC
AS-SR-0400-05-WC-	AS-SR-0400-05-TC-	4.00	6.0	36	36	74	5	I	F	MF 4.5x 0.50
AS-SR-0410-05-WC-	AS-SR-0410-05-TC-	4.10	6.0	36	36	74	5	I	F	Nr. 10 -32 UNF
AS-SR-0420-05-WC-	AS-SR-0420-05-TC-	4.20	6.0	36	36	74	5	I	F	M5
AS-SR-0440-05-WC-	AS-SR-0440-05-TC-	4.40	6.0	36	36	74	5	I	F	
AS-SR-0450-05-WC-	AS-SR-0450-05-TC-	4.50	6.0	36	36	74	5	I	F	MF 5.0x 0.50/Nr. 12-24UNC
AS-SR-0460-05-WC-	AS-SR-0460-05-TC-	4.60	6.0	36	36	74	5	I	F	Nr. 12-28 UNF
AS-SR-0470-05-WC-	AS-SR-0470-05-TC-	4.70	6.0	36	36	74	5	I	F	
AS-SR-0480-05-WC-	AS-SR-0480-05-TC-	4.80	6.0	36	36	74	5	I	F	
AS-SR-0490-05-WC-	AS-SR-0490-05-TC-	4.90	6.0	42	36	80	5	I	F	
AS-SR-0500-05-WC-	AS-SR-0500-05-TC-	5.00	6.0	42	36	80	5	I	F	M6/MF5.5x 0.50
AS-SR-0510-05-WC-	AS-SR-0510-05-TC-	5.10	6.0	42	36	80	5	I	F	1/4 - 20 UNC
AS-SR-0520-05-WC-	AS-SR-0520-05-TC-	5.20	6.0	42	36	80	5	I	F	
AS-SR-0525-05-WC-	AS-SR-0525-05-TC-	5.25	6.0	42	36	80	5	I	F	MF 6.0x 0.75
AS-SR-0530-05-WC-	AS-SR-0530-05-TC-	5.30	6.0	42	36	80	5	I	F	
AS-SR-0540-05-WC-	AS-SR-0540-05-TC-	5.40	6.0	42	36	80	5	I	F	
AS-SR-0550-05-WC-	AS-SR-0550-05-TC-	5.50	6.0	42	36	80	5	I	F	1/4 -28 UNF
AS-SR-0555-05-WC-	AS-SR-0555-05-TC-	5.55	6.0	42	36	80	5	I	F	
AS-SR-0580-05-WC-	AS-SR-0580-05-TC-	5.80	6.0	42	36	80	5	I	F	
AS-SR-0590-05-WC-	AS-SR-0590-05-TC-	5.90	6.0	42	36	80	5	I	F	5/16- 24 UNF
AS-SR-0600-05-WC-	AS-SR-0600-05-TC-	6.00	6.0	42	36	80	5	I	F	M7
AS-SR-0610-05-WC-	AS-SR-0610-05-TC-	6.10	8.0	53	36	93	5	I	F	
AS-SR-0620-05-WC-	AS-SR-0620-05-TC-	6.20	8.0	53	36	93	5	I	F	
AS-SR-0625-05-WC-	AS-SR-0625-05-TC-	6.25	8.0	53	36	93	5	I	F	MF 7.0x 0.75
AS-SR-0630-05-WC-	AS-SR-0630-05-TC-	6.30	8.0	53	36	93	5	I	F	
AS-SR-0640-05-WC-	AS-SR-0640-05-TC-	6.40	8.0	53	36	93	5	I	F	
AS-SR-0660-05-WC-	AS-SR-0660-05-TC-	6.60	8.0	53	36	93	5	I	F	5/16- 18 UNC
AS-SR-0670-05-WC-	AS-SR-0670-05-TC-	6.70	8.0	53	36	93	5	I	F	
AS-SR-0680-05-WC-	AS-SR-0680-05-TC-	6.80	8.0	53	36	93	5	I	F	M8
AS-SR-0690-05-WC-	AS-SR-0690-05-TC-	6.90	8.0	53	36	93	5	I	F	
AS-SR-0700-05-WC-	AS-SR-0700-05-TC-	7.00	8.0	53	36	93	5	I	F	MF 8.0x 1.00

Ordering Code For Example:-
AS-SR-0800-05-TC-I Coating InoxaCon
AS-SR-0800-05-WC-F Coating FerroCon

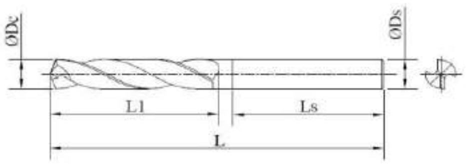
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

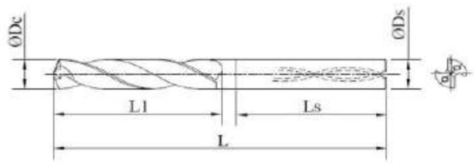
SOLID CARBIDE DRILL- STEEL AND SG IRON

P	●
M	
K	●
N	
S	
H	

140° | 4~5xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-0710-05-WC-	AS-SR-0710-05-TC-	7.10	8.0	53	36	93	5	I	F	
AS-SR-0720-05-WC-	AS-SR-0720-05-TC-	7.20	8.0	53	36	93	5	I	F	
AS-SR-0725-05-WC-	AS-SR-0725-05-TC-	7.25	8.0	53	36	93	5	I	F	MF 8.0x 0.75
AS-SR-0730-05-WC-	AS-SR-0730-05-TC-	7.30	8.0	53	36	93	5	I	F	
AS-SR-0740-05-WC-	AS-SR-0740-05-TC-	7.40	8.0	53	36	93	5	I	F	
AS-SR-0750-05-WC-	AS-SR-0750-05-TC-	7.50	8.0	53	36	93	5	I	F	MF 8.0x 0.50
AS-SR-0770-05-WC-	AS-SR-0770-05-TC-	7.70	8.0	53	36	93	5	I	F	
AS-SR-0780-05-WC-	AS-SR-0780-05-TC-	7.80	8.0	53	36	93	5	I	F	M9
AS-SR-0790-05-WC-	AS-SR-0790-05-TC-	7.90	8.0	53	36	93	5	I	F	
AS-SR-0800-05-WC-	AS-SR-0800-05-TC-	8.00	8.0	53	36	93	5	I	F	MF 9.0x 1.00/ 3/8- 16UNC
AS-SR-0810-05-WC-	AS-SR-0810-05-TC-	8.10	10.0	61	40	105	5	I	F	
AS-SR-0820-05-WC-	AS-SR-0820-05-TC-	8.20	10.0	61	40	105	5	I	F	
AS-SR-0830-05-WC-	AS-SR-0830-05-TC-	8.30	10.0	61	40	105	5	I	F	
AS-SR-0840-05-WC-	AS-SR-0840-05-TC-	8.40	10.0	61	40	105	5	I	F	
AS-SR-0850-05-WC-	AS-SR-0850-05-TC-	8.50	10.0	61	40	105	5	I	F	M10/ 3/8 -24 UNF
AS-SR-0860-05-WC-	AS-SR-0860-05-TC-	8.60	10.0	61	40	105	5	I	F	
AS-SR-0870-05-WC-	AS-SR-0870-05-TC-	8.70	10.0	61	40	105	5	I	F	
AS-SR-0880-05-WC-	AS-SR-0880-05-TC-	8.80	10.0	61	40	105	5	I	F	MF 10x 1.25
AS-SR-0890-05-WC-	AS-SR-0890-05-TC-	8.90	10.0	61	40	105	5	I	F	
AS-SR-0900-05-WC-	AS-SR-0900-05-TC-	9.00	10.0	61	40	105	5	I	F	MF 10x 1.00
AS-SR-0910-05-WC-	AS-SR-0910-05-TC-	9.10	10.0	61	40	105	5	I	F	
AS-SR-0925-05-WC-	AS-SR-0925-05-TC-	9.25	10.0	61	40	105	5	I	F	MF 10x 0.75
AS-SR-0930-05-WC-	AS-SR-0930-05-TC-	9.30	10.0	61	40	105	5	I	F	
AS-SR-0940-05-WC-	AS-SR-0940-05-TC-	9.40	10.0	61	40	105	5	I	F	7/16- 14 UNC
AS-SR-0950-05-WC-	AS-SR-0950-05-TC-	9.50	10.0	61	40	105	5	I	F	M11
AS-SR-0970-05-WC-	AS-SR-0970-05-TC-	9.70	10.0	61	40	105	5	I	F	
AS-SR-0990-05-WC-	AS-SR-0990-05-TC-	9.90	10.0	61	40	105	5	I	F	7/16- 20 UNF
AS-SR-1000-05-WC-	AS-SR-1000-05-TC-	10.00	10.0	61	40	105	5	I	F	MF 11 x 1.00
AS-SR-1010-05-WC-	AS-SR-1010-05-TC-	10.10	12.0	71	45	120	5	I	F	
AS-SR-1020-05-WC-	AS-SR-1020-05-TC-	10.20	12.0	71	45	120	5	I	F	M12
AS-SR-1030-05-WC-	AS-SR-1030-05-TC-	10.30	12.0	71	45	120	5	I	F	
AS-SR-1040-05-WC-	AS-SR-1040-05-TC-	10.40	12.0	71	45	120	5	I	F	
AS-SR-1050-05-WC-	AS-SR-1050-05-TC-	10.50	12.0	71	45	120	5	I	F	MF 12x 1.50
AS-SR-1075-05-WC-	AS-SR-1075-05-TC-	10.75	12.0	71	45	120	5	I	F	MF 12x 1.25
AS-SR-1080-05-WC-	AS-SR-1080-05-TC-	10.80	12.0	71	45	120	5	I	F	1/2- 13 UNC
AS-SR-1090-05-WC-	AS-SR-1090-05-TC-	10.90	12.0	71	45	120	5	I	F	
AS-SR-1100-05-WC-	AS-SR-1100-05-TC-	11.00	12.0	71	45	120	5	I	F	MF 12x 1.00
AS-SR-1120-05-WC-	AS-SR-1120-05-TC-	11.20	12.0	71	45	120	5	I	F	
AS-SR-1150-05-WC-	AS-SR-1150-05-TC-	11.50	12.0	71	45	120	5	I	F	1/2 -20 UNF
AS-SR-1170-05-WC-	AS-SR-1170-05-TC-	11.70	12.0	71	45	120	5	I	F	
AS-SR-1200-05-WC-	AS-SR-1200-05-TC-	12.00	12.0	71	45	120	5	I	F	M14
AS-SR-1210-05-WC-	AS-SR-1210-05-TC-	12.10	14.0	77	45	125	4	I	F	

Ordering Code For Example:-
AS-SR-0800-05-TC-I Coating InoxaCon
AS-SR-0800-05-WC-F Coating FerroCon

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL- STEEL AND SG IRON

P	●
M	
K	●
N	
S	
H	

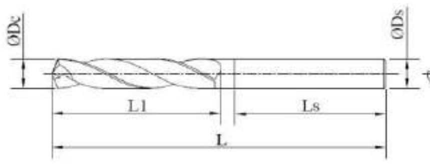
140°

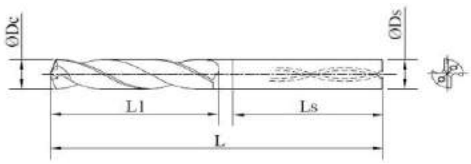
4~5xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø20.0





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-SR-1220-05-WC-	AS-SR-1220-05-TC-	12.20	14.0	77	45	125	4	I	F	9/16- 12 UNC
AS-SR-1230-05-WC-	AS-SR-1230-05-TC-	12.30	14.0	77	45	125	4	I	F	
AS-SR-1250-05-WC-	AS-SR-1250-05-TC-	12.50	14.0	77	45	125	4	I	F	MF 14x 1.50
AS-SR-1275-05-WC-	AS-SR-1275-05-TC-	12.75	14.0	77	45	125	4	I	F	MF 14x 1.25
AS-SR-1280-05-WC-	AS-SR-1280-05-TC-	12.80	14.0	77	45	125	4	I	F	
AS-SR-1290-05-WC-	AS-SR-1290-05-TC-	12.90	14.0	77	45	125	4	I	F	9/16 -18 UNF
AS-SR-1300-05-WC-	AS-SR-1300-05-TC-	13.00	14.0	77	45	125	4	I	F	MF 14x 1.00
AS-SR-1310-05-WC-	AS-SR-1310-05-TC-	13.10	14.0	77	45	125	4	I	F	
AS-SR-1320-05-WC-	AS-SR-1320-05-TC-	13.20	14.0	77	45	125	4	I	F	
AS-SR-1350-05-WC-	AS-SR-1350-05-TC-	13.50	14.0	77	45	125	4	I	F	MF 15x 1.50/ 5/8- 11 UNC
AS-SR-1370-05-WC-	AS-SR-1370-05-TC-	13.70	14.0	77	45	125	4	I	F	
AS-SR-1380-05-WC-	AS-SR-1380-05-TC-	13.80	14.0	77	45	125	4	I	F	
AS-SR-1390-05-WC-	AS-SR-1390-05-TC-	13.90	14.0	77	45	125	4	I	F	
AS-SR-1400-05-WC-	AS-SR-1400-05-TC-	14.00	14.0	77	45	125	4	I	F	M16/MF 15x 1.00
AS-SR-1410-05-WC-	AS-SR-1410-05-TC-	14.10	16.0	77	45	125	4	I	F	
AS-SR-1430-05-WC-	AS-SR-1430-05-TC-	14.30	16.0	83	48	135	4	I	F	
AS-SR-1450-05-WC-	AS-SR-1450-05-TC-	14.50	16.0	83	48	135	4	I	F	MF 16x 1.50/ 5/8 -18 UNF
AS-SR-1460-05-WC-	AS-SR-1460-05-TC-	14.60	16.0	83	48	135	4	I	F	
AS-SR-1470-05-WC-	AS-SR-1470-05-TC-	14.70	16.0	83	48	135	4	I	F	
AS-SR-1480-05-WC-	AS-SR-1480-05-TC-	14.80	16.0	83	48	135	4	I	F	MF 16x 1.25
AS-SR-1500-05-WC-	AS-SR-1500-05-TC-	15.00	16.0	83	48	135	4	I	F	MF 16x 1.00
AS-SR-1510-05-WC-	AS-SR-1510-05-TC-	15.10	16.0	83	48	135	4	I	F	
AS-SR-1520-05-WC-	AS-SR-1520-05-TC-	15.20	16.0	83	48	135	4	I	F	
AS-SR-1550-05-WC-	AS-SR-1550-05-TC-	15.50	16.0	83	48	135	4	I	F	M18 /MF 17x 1.50
AS-SR-1560-05-WC-	AS-SR-1560-05-TC-	15.60	16.0	83	48	135	4	I	F	
AS-SR-1570-05-WC-	AS-SR-1570-05-TC-	15.70	16.0	83	48	135	4	I	F	
AS-SR-1600-05-WC-	AS-SR-1600-05-TC-	16.00	16.0	83	48	135	4	I	F	MF 17x 1.00
AS-SR-1630-05-WC-	AS-SR-1630-05-TC-	16.30	18.0	93	48	145	4	I	F	
AS-SR-1650-05-WC-	AS-SR-1650-05-TC-	16.50	18.0	93	48	145	4	I	F	MF 18x 1.50 / 3/4- 10 UNC
AS-SR-1670-05-WC-	AS-SR-1670-05-TC-	16.70	18.0	93	48	145	4	I	F	
AS-SR-1680-05-WC-	AS-SR-1680-05-TC-	16.80	18.0	93	48	145	4	I	F	
AS-SR-1690-05-WC-	AS-SR-1690-05-TC-	16.90	18.0	93	48	145	4	I	F	
AS-SR-1700-05-WC-	AS-SR-1700-05-TC-	17.00	18.0	93	48	145	4	I	F	MF 18x 1.00
AS-SR-1750-05-WC-	AS-SR-1750-05-TC-	17.50	18.0	93	48	145	4	I	F	M20 / 3/4 -16 UNF
AS-SR-1780-05-WC-	AS-SR-1780-05-TC-	17.80	18.0	93	48	145	4	I	F	
AS-SR-1800-05-WC-	AS-SR-1800-05-TC-	18.00	18.0	93	48	145	4	I	F	MF 20x 2.00
AS-SR-1850-05-WC-	AS-SR-1850-05-TC-	18.50	20.0	101	50	155	4	I	F	MF 20x 1.50
AS-SR-1870-05-WC-	AS-SR-1870-05-TC-	18.70	20.0	101	50	155	4	I	F	
AS-SR-1900-05-WC-	AS-SR-1900-05-TC-	19.00	20.0	101	50	155	4	I	F	MF 20x 1.00
AS-SR-1950-05-WC-	AS-SR-1950-05-TC-	19.50	20.0	101	50	155	4	I	F	M22 / 7/8- 9 UNC
AS-SR-1980-05-WC-	AS-SR-1980-05-TC-	19.80	20.0	101	50	155	4	I	F	
AS-SR-2000-05-WC-	AS-SR-2000-05-TC-	20.00	20.0	101	50	155	4	I	F	MF 22x 2.00

Ordering Code For Example:-
AS-SR-0800-05-TC-I Coating InoxaCon
AS-SR-0800-05-WC-F Coating FerroCon

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL- CAST IRON

P	M	K	N	S	H
		•			

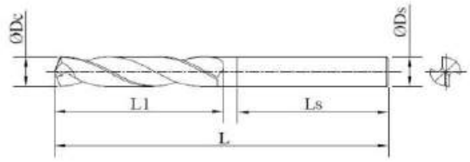
140°

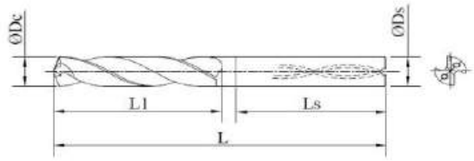
3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-CI-0300-03-WC-	AS-CI-0300-03-TC-	3.00	6.0	18	36	60	3	I	F	
AS-CI-0310-03-WC-	AS-CI-0310-03-TC-	3.10	6.0	18	36	60	3	I	F	
AS-CI-0315-03-WC-	AS-CI-0315-03-TC-	3.15	6.0	18	36	60	3	I	F	MF 3.5 x 0.35
AS-CI-0320-03-WC-	AS-CI-0320-03-TC-	3.20	6.0	18	36	60	3	I	F	
AS-CI-0330-03-WC-	AS-CI-0330-03-TC-	3.30	6.0	18	36	60	3	I	F	M4
AS-CI-0340-03-WC-	AS-CI-0340-03-TC-	3.40	6.0	18	36	60	3	I	F	
AS-CI-0350-03-WC-	AS-CI-0350-03-TC-	3.50	6.0	18	36	60	3	I	F	MF 4.0 x 0.50 /Nr.8-36 UNF
AS-CI-0355-03-WC-	AS-CI-0355-03-TC-	3.55	6.0	18	36	60	3	I	F	Nr. 8- 32UNC
AS-CI-0360-03-WC-	AS-CI-0360-03-TC-	3.60	6.0	18	36	60	3	I	F	
AS-CI-0370-03-WC-	AS-CI-0370-03-TC-	3.70	6.0	18	36	60	3	I	F	M4.5
AS-CI-0380-03-WC-	AS-CI-0380-03-TC-	3.80	6.0	20	36	60	3	I	F	
AS-CI-0390-03-WC-	AS-CI-0390-03-TC-	3.90	6.0	20	36	60	3	I	F	Nr. 10- 24UNC
AS-CI-0400-03-WC-	AS-CI-0400-03-TC-	4.00	6.0	20	36	60	3	I	F	MF 4.5x 0.50
AS-CI-0410-03-WC-	AS-CI-0410-03-TC-	4.10	6.0	20	36	60	3	I	F	Nr. 10 -32 UNF
AS-CI-0420-03-WC-	AS-CI-0420-03-TC-	4.20	6.0	20	36	60	3	I	F	M5
AS-CI-0430-03-WC-	AS-CI-0430-03-TC-	4.30	6.0	20	36	60	3	I	F	
AS-CI-0440-03-WC-	AS-CI-0440-03-TC-	4.40	6.0	20	36	60	3	I	F	
AS-CI-0450-03-WC-	AS-CI-0450-03-TC-	4.50	6.0	20	36	60	3	I	F	MF 5.0x 0.50/Nr. 12-24UNC
AS-CI-0460-03-WC-	AS-CI-0460-03-TC-	4.60	6.0	25	36	63	3	I	F	Nr. 12-28 UNF
AS-CI-0470-03-WC-	AS-CI-0470-03-TC-	4.70	6.0	25	36	63	3	I	F	
AS-CI-0480-03-WC-	AS-CI-0480-03-TC-	4.80	6.0	25	36	63	3	I	F	
AS-CI-0490-03-WC-	AS-CI-0490-03-TC-	4.90	6.0	25	36	63	3	I	F	
AS-CI-0500-03-WC-	AS-CI-0500-03-TC-	5.00	6.0	25	36	63	3	I	F	M6/MF5.5x 0.50
AS-CI-0510-03-WC-	AS-CI-0510-03-TC-	5.10	6.0	25	36	63	3	I	F	1/4 - 20 UNC
AS-CI-0520-03-WC-	AS-CI-0520-03-TC-	5.20	6.0	25	36	63	3	I	F	
AS-CI-0525-03-WC-	AS-CI-0525-03-TC-	5.25	6.0	25	36	63	3	I	F	MF 6.0x 0.75
AS-CI-0530-03-WC-	AS-CI-0530-03-TC-	5.30	6.0	25	36	63	3	I	F	
AS-CI-0540-03-WC-	AS-CI-0540-03-TC-	5.40	6.0	25	36	63	3	I	F	
AS-CI-0550-03-WC-	AS-CI-0550-03-TC-	5.50	6.0	25	36	63	3	I	F	1/4 -28 UNF
AS-CI-0555-03-WC-	AS-CI-055-03-TC-	5.55	6.0	25	36	63	3	I	F	
AS-CI-0560-03-WC-	AS-CI-0560-03-TC-	5.60	6.0	25	36	63	3	I	F	
AS-CI-0570-03-WC-	AS-CI-0570-03-TC-	5.70	6.0	25	36	63	3	I	F	
AS-CI-0580-03-WC-	AS-CI-0580-03-TC-	5.80	6.0	25	36	63	3	I	F	
AS-CI-0590-03-WC-	AS-CI-0590-03-TC-	5.90	6.0	25	36	63	3	I	F	5/16- 24 UNF
AS-CI-0600-03-WC-	AS-CI-0600-03-TC-	6.00	6.0	25	36	63	3	I	F	M7
AS-CI-0610-03-WC-	AS-CI-0610-03-TC-	6.10	8.0	34	36	79	3	I	F	
AS-CI-0620-03-WC-	AS-CI-0620-03-TC-	6.20	8.0	34	36	79	3	I	F	
AS-CI-0625-03-WC-	AS-CI-0625-03-TC-	6.25	8.0	34	36	79	3	I	F	MF 7.0x 0.75
AS-CI-0630-03-WC-	AS-CI-0630-03-TC-	6.30	8.0	34	36	79	3	I	F	
AS-CI-0640-03-WC-	AS-CI-0640-03-TC-	6.40	8.0	34	36	79	3	I	F	
AS-CI-0650-03-WC-	AS-CI-0650-03-TC-	6.50	8.0	34	36	79	3	I	F	
AS-CI-0660-03-WC-	AS-CI-0660-03-TC-	6.60	8.0	34	36	79	3	I	F	5/16- 18 UNC

Ordering Code for Example:-
AS-CI-0800-03-TC-I Coating InoxaCon
AS-CI-0800-03-WC-F Coating FerroCon

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

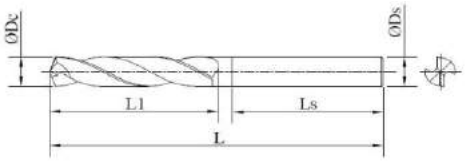
SOLID CARBIDE DRILL- CAST IRON

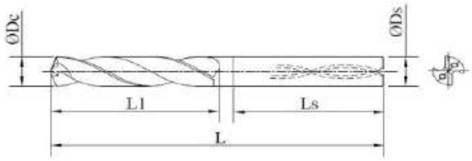
P
M
K •
N
S
H

140° 3xD

Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-CI-0670-03-WC-	AS-CI-0670-03-TC-	6.70	8.0	34	36	79	3	I	F	
AS-CI-0680-03-WC-	AS-CI-0680-03-TC-	6.80	8.0	34	36	79	3	I	F	M8
AS-CI-0690-03-WC-	AS-CI-0690-03-TC-	6.90	8.0	34	36	79	3	I	F	
AS-CI-0700-03-WC-	AS-CI-0700-03-TC-	7.00	8.0	34	36	79	3	I	F	MF 8.0x 1.00
AS-CI-0710-03-WC-	AS-CI-0710-03-TC-	7.10	8.0	41	36	79	3	I	F	
AS-CI-0720-03-WC-	AS-CI-0720-03-TC-	7.20	8.0	41	36	79	3	I	F	
AS-CI-0725-03-WC-	AS-CI-0725-03-TC-	7.25	8.0	41	36	79	3	I	F	MF 8.0x 0.75
AS-CI-0730-03-WC-	AS-CI-0730-03-TC-	7.30	8.0	41	36	79	3	I	F	
AS-CI-0740-03-WC-	AS-CI-0740-03-TC-	7.40	8.0	41	36	79	3	I	F	
AS-CI-0750-03-WC-	AS-CI-0750-03-TC-	7.50	8.0	41	36	79	3	I	F	MF 8.0x 0.50
AS-CI-0760-03-WC-	AS-CI-0760-03-TC-	7.60	8.0	41	36	79	3	I	F	
AS-CI-0770-03-WC-	AS-CI-0770-03-TC-	7.70	8.0	41	36	79	3	I	F	
AS-CI-0780-03-WC-	AS-CI-0780-03-TC-	7.80	8.0	41	36	79	3	I	F	M9
AS-CI-0790-03-WC-	AS-CI-0790-03-TC-	7.90	8.0	41	36	79	3	I	F	
AS-CI-0800-03-WC-	AS-CI-0800-03-TC-	8.00	8.0	41	36	79	3	I	F	MF 9.0x 1.00/ 3/8- 16UNC
AS-CI-0810-03-WC-	AS-CI-0810-03-TC-	8.10	10.0	47	40	93	3	I	F	
AS-CI-0820-03-WC-	AS-CI-0820-03-TC-	8.20	10.0	47	40	93	3	I	F	
AS-CI-0830-03-WC-	AS-CI-0830-03-TC-	8.30	10.0	47	40	93	3	I	F	
AS-CI-0840-03-WC-	AS-CI-0840-03-TC-	8.40	10.0	47	40	93	3	I	F	
AS-CI-0850-03-WC-	AS-CI-0850-03-TC-	8.50	10.0	47	40	93	3	I	F	M10/ 3/8 -24 UNF
AS-CI-0860-03-WC-	AS-CI-0860-03-TC-	8.60	10.0	47	40	93	3	I	F	
AS-CI-0870-03-WC-	AS-CI-0870-03-TC-	8.70	10.0	47	40	93	3	I	F	
AS-CI-0880-03-WC-	AS-CI-0880-03-TC-	8.80	10.0	47	40	93	3	I	F	MF 10x 1.25
AS-CI-0890-03-WC-	AS-CI-0890-03-TC-	8.90	10.0	47	40	93	3	I	F	
AS-CI-0900-03-WC-	AS-CI-0900-03-TC-	9.00	10.0	47	40	93	3	I	F	MF 10x 1.00
AS-CI-0910-03-WC-	AS-CI-0910-03-TC-	9.10	10.0	47	40	93	3	I	F	
AS-CI-0925-03-WC-	AS-CI-0925-03-TC-	9.25	10.0	47	40	93	3	I	F	MF 10x 0.75
AS-CI-0930-03-WC-	AS-CI-0930-03-TC-	9.30	10.0	47	40	93	3	I	F	
AS-CI-0940-03-WC-	AS-CI-0940-03-TC-	9.40	10.0	47	40	93	3	I	F	7/16- 14 UNC
AS-CI-0950-03-WC-	AS-CI-0950-03-TC-	9.50	10.0	47	40	93	3	I	F	M11
AS-CI-0970-03-WC-	AS-CI-0970-03-TC-	9.70	10.0	47	40	93	3	I	F	
AS-CI-0980-03-WC-	AS-CI-0980-03-TC-	9.80	10.0	47	40	93	3	I	F	
AS-CI-0990-03-WC-	AS-CI-0990-03-TC-	9.90	10.0	47	40	93	3	I	F	7/16- 20 UNF
AS-CI-1000-03-WC-	AS-CI-1000-03-TC-	10.00	10.0	47	40	93	3	I	F	MF 11 x 1.00
AS-CI-1010-03-WC-	AS-CI-1010-03-TC-	10.10	12.0	55	45	103	3	I	F	
AS-CI-1020-03-WC-	AS-CI-1020-03-TC-	10.20	12.0	55	45	103	3	I	F	M12
AS-CI-1030-03-WC-	AS-CI-1030-03-TC-	10.30	12.0	55	45	103	3	I	F	
AS-CI-1040-03-WC-	AS-CI-1040-03-TC-	10.40	12.0	55	45	103	3	I	F	
AS-CI-1050-03-WC-	AS-CI-1050-03-TC-	10.50	12.0	55	45	103	3	I	F	MF 12x 1.50
AS-CI-1075-03-WC-	AS-CI-1075-03-TC-	10.75	12.0	55	45	103	3	I	F	MF 12x 1.25
AS-CI-1080-03-WC-	AS-CI-1080-03-TC-	10.80	12.0	55	45	103	3	I	F	1/2- 13 UNC
AS-CI-1100-03-WC-	AS-CI-1100-03-TC-	11.00	12.0	55	45	103	3	I	F	MF 12x 1.00

Ordering Code for Example:-
AS-CI-0800-03-TC-I Coating InoxaCon
AS-CI-0800-03-WC-F Coating FerroCon

ISO 9001 : 2015

ACCUSHARP Cutting Tools Pvt. Ltd.

SOLID CARBIDE DRILL- CAST IRON

P	
M	
K	•
N	
S	
H	

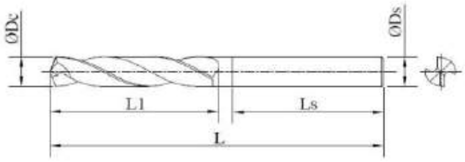
140°

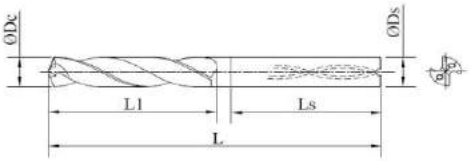
3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-CI-1120-03-WC-	AS-CI-1120-03-TC-	11.20	12.0	55	45	103	3	I	F	
AS-CI-1150-03-WC-	AS-CI-1150-03-TC-	11.50	12.0	55	45	103	3	I	F	1/2 -20 UNF
AS-CI-1170-03-WC-	AS-CI-1170-03-TC-	11.70	12.0	55	45	103	3	I	F	
AS-CI-1200-03-WC-	AS-CI-1200-03-TC-	12.00	12.0	55	45	103	3	I	F	M14
AS-CI-1210-03-WC-	AS-CI-1210-03-TC-	12.10	14.0	60	45	107	3	I	F	
AS-CI-1220-03-WC-	AS-CI-1220-03-TC-	12.20	14.0	60	45	107	3	I	F	9/16- 12 UNC
AS-CI-1250-03-WC-	AS-CI-1250-03-TC-	12.50	14.0	60	45	107	3	I	F	MF 14x 1.50
AS-CI-1275-03-WC-	AS-CI-1275-03-TC-	12.75	14.0	60	45	107	3	I	F	MF 14x 1.25
AS-CI-1290-03-WC-	AS-CI-1290-03-TC-	12.90	14.0	60	45	107	3	I	F	9/16 -18 UNF
AS-CI-1300-03-WC-	AS-CI-1300-03-TC-	13.00	14.0	60	45	107	3	I	F	MF 14x 1.00
AS-CI-1310-03-WC-	AS-CI-1310-03-TC-	13.10	14.0	60	45	107	3	I	F	
AS-CI-1340-03-WC-	AS-CI-1340-03-TC-	13.40	14.0	60	45	107	3	I	F	
AS-CI-1350-03-WC-	AS-CI-1350-03-TC-	13.50	14.0	60	45	107	3	I	F	MF 15x 1.50/ 5/8- 11 UNC
AS-CI-1400-03-WC-	AS-CI-1400-03-TC-	14.00	14.0	60	45	107	3	I	F	M16/MF 15x 1.00
AS-CI-1450-03-WC-	AS-CI-1450-03-TC-	14.50	16.0	65	48	115	3	I	F	MF 16x 1.50/ 5/8 -18 UNF
AS-CI-1460-03-WC-	AS-CI-1460-03-TC-	14.60	16.0	65	48	115	3	I	F	
AS-CI-1480-03-WC-	AS-CI-1480-03-TC-	14.80	16.0	65	48	115	3	I	F	MF 16x 1.25
AS-CI-1500-03-WC-	AS-CI-1500-03-TC-	15.00	16.0	65	48	115	3	I	F	MF 16x 1.00
AS-CI-1550-03-WC-	AS-CI-1550-03-TC-	15.50	16.0	65	48	115	3	I	F	M18 /MF 17x 1.50
AS-CI-1600-03-WC-	AS-CI-1600-03-TC-	16.00	16.0	65	48	115	3	I	F	MF 17x 1.00
AS-CI-1650-03-WC-	AS-CI-1650-03-TC-	16.50	18.0	73	48	125	3	I	F	MF 18x 1.50 / 3/4- 10 UNC
AS-CI-1700-03-WC-	AS-CI-1700-03-TC-	17.00	18.0	73	48	125	3	I	F	MF 18x 1.00
AS-CI-1750-03-WC-	AS-CI-1750-03-TC-	17.50	18.0	73	48	125	3	I	F	M20 / 3/4 -16 UNF
AS-CI-1800-03-WC-	AS-CI-1800-03-TC-	18.00	18.0	73	48	125	3	I	F	MF 20x 2.00
AS-CI-1850-03-WC-	AS-CI-1850-03-TC-	18.50	20.0	79	50	133	3	I	F	MF 20x 1.50
AS-CI-1900-03-WC-	AS-CI-1900-03-TC-	19.00	20.0	79	50	133	3	I	F	MF 20x 1.00
AS-CI-1950-03-WC-	AS-CI-1950-03-TC-	19.50	20.0	79	50	133	3	I	F	M22 / 7/8- 9 UNC
AS-CI-2000-03-WC-	AS-CI-2000-03-TC-	20.00	20.0	79	50	133	3	I	F	MF 22x 2.00

Ordering Code for Example:-
AS-CI-0800-03-TC-I Coating InoxaCon
AS-CI-0800-03-WC-F Coating FerroCon

P
M
K ●
N
S
H

140°

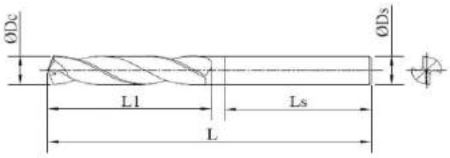
4~5xD

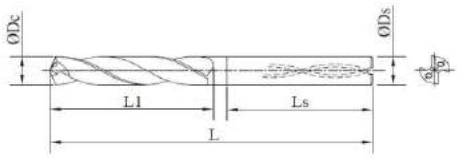
Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0

SOLID CARBIDE DRILL- CAST IRON





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
Ordering Code	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-CI-0300-05-WC-	AS-CI-0300-05-TC-	3.00	6.0	25	36	63	5	I	F	
AS-CI-0310-05-WC-	AS-CI-0310-05-TC-	3.10	6.0	25	36	63	5	I	F	
AS-CI-0315-05-WC-	AS-CI-0315-05-TC-	3.15	6.0	25	36	63	5	I	F	MF 3.5 x 0.35
AS-CI-0320-05-WC-	AS-CI-0320-05-TC-	3.20	6.0	25	36	63	5	I	F	
AS-CI-0330-05-WC-	AS-CI-0330-05-TC-	3.30	6.0	25	36	63	5	I	F	M4
AS-CI-0340-05-WC-	AS-CI-0340-05-TC-	3.40	6.0	25	36	63	5	I	F	
AS-CI-0350-05-WC-	AS-CI-0350-05-TC-	3.50	6.0	25	36	63	5	I	F	MF 4.0 x 0.50 /Nr.8-36 UNF
AS-CI-0355-05-WC-	AS-CI-0355-05-TC-	3.55	6.0	25	36	63	5	I	F	Nr. 8- 32UNC
AS-CI-0370-05-WC-	AS-CI-0370-05-TC-	3.70	6.0	25	36	63	5	I	F	M4.5
AS-CI-0390-05-WC-	AS-CI-0390-05-TC-	3.90	6.0	36	36	74	5	I	F	Nr. 10- 24UNC
AS-CI-0400-05-WC-	AS-CI-0400-05-TC-	4.00	6.0	36	36	74	5	I	F	MF 4.5x 0.50
AS-CI-0410-05-WC-	AS-CI-0410-05-TC-	4.10	6.0	36	36	74	5	I	F	Nr. 10 -32 UNF
AS-CI-0420-05-WC-	AS-CI-0420-05-TC-	4.20	6.0	36	36	74	5	I	F	M5
AS-CI-0450-05-WC-	AS-CI-0450-05-TC-	4.50	6.0	36	36	74	5	I	F	MF 5.0x 0.50/Nr. 12-24UNC
AS-CI-0460-05-WC-	AS-CI-0460-05-TC-	4.60	6.0	36	36	74	5	I	F	Nr. 12-28 UNF
AS-CI-0470-05-WC-	AS-CI-0470-05-TC-	4.70	6.0	36	36	74	5	I	F	
AS-CI-0500-05-WC-	AS-CI-0500-05-TC-	5.00	6.0	42	36	80	5	I	F	M6/MF5.5x 0.50
AS-CI-0510-05-WC-	AS-CI-0510-05-TC-	5.10	6.0	42	36	80	5	I	F	1/4 - 20 UNC
AS-CI-0520-05-WC-	AS-CI-0520-05-TC-	5.20	6.0	42	36	80	5	I	F	
AS-CI-0525-05-WC-	AS-CI-0525-05-TC-	5.25	6.0	42	36	80	5	I	F	MF 6.0x 0.75
AS-CI-0530-05-WC-	AS-CI-0530-05-TC-	5.30	6.0	42	36	80	5	I	F	
AS-CI-0540-05-WC-	AS-CI-0540-05-TC-	5.40	6.0	42	36	80	5	I	F	
AS-CI-0550-05-WC-	AS-CI-0550-05-TC-	5.50	6.0	42	36	80	5	I	F	
AS-CI-0550-05-WC-	AS-CI-0550-05-TC-	5.50	6.0	42	36	80	5	I	F	1/4 -28 UNF
AS-CI-0570-05-WC-	AS-CI-0570-05-TC-	5.70	6.0	42	36	80	5	I	F	
AS-CI-0580-05-WC-	AS-CI-0580-05-TC-	5.80	6.0	42	36	80	5	I	F	
AS-CI-0590-05-WC-	AS-CI-0590-05-TC-	5.90	6.0	42	36	80	5	I	F	5/16- 24 UNF
AS-CI-0600-05-WC-	AS-CI-0600-05-TC-	6.00	6.0	42	36	80	5	I	F	M7
AS-CI-0610-05-WC-	AS-CI-0610-05-TC-	6.10	8.0	53	36	93	5	I	F	
AS-CI-0620-05-WC-	AS-CI-0620-05-TC-	6.20	8.0	53	36	93	5	I	F	
AS-CI-0625-05-WC-	AS-CI-0625-05-TC-	6.25	8.0	53	36	93	5	I	F	MF 7.0x 0.75
AS-CI-0640-05-WC-	AS-CI-0640-05-TC-	6.40	8.0	53	36	93	5	I	F	
AS-CI-0650-05-WC-	AS-CI-0650-05-TC-	6.50	8.0	53	36	93	5	I	F	
AS-CI-0660-05-WC-	AS-CI-0660-05-TC-	6.60	8.0	53	36	93	5	I	F	5/16- 18 UNC
AS-CI-0670-05-WC-	AS-CI-0670-05-TC-	6.70	8.0	53	36	93	5	I	F	
AS-CI-0680-05-WC-	AS-CI-0680-05-TC-	6.80	8.0	53	36	93	5	I	F	M8
AS-CI-0690-05-WC-	AS-CI-0690-05-TC-	6.90	8.0	53	36	93	5	I	F	
AS-CI-0700-05-WC-	AS-CI-0700-05-TC-	7.00	8.0	53	36	93	5	I	F	MF 8.0x 1.00
AS-CI-0710-05-WC-	AS-CI-0710-05-TC-	7.10	8.0	53	36	93	5	I	F	
AS-CI-0720-05-WC-	AS-CI-0720-05-TC-	7.20	8.0	53	36	93	5	I	F	
AS-CI-0725-05-WC-	AS-CI-0725-05-TC-	7.25	8.0	53	36	93	5	I	F	MF 8.0x 0.75
AS-CI-0730-05-WC-	AS-CI-0730-05-TC-	7.30	8.0	53	36	93	5	I	F	
AS-CI-0750-05-WC-	AS-CI-0750-05-TC-	7.50	8.0	53	36	93	5	I	F	MF 8.0x 0.50
AS-CI-0780-05-WC-	AS-CI-0780-05-TC-	7.80	8.0	53	36	93	5	I	F	M9
AS-CI-0790-05-WC-	AS-CI-0790-05-TC-	7.90	8.0	53	36	93	5	I	F	

Ordering Code for Example:-
AS-CI-0800-05-TC-I Coating InoxaCon
AS-CI-0800-05-WC-F Coating FerroCon

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL- CAST IRON

P
M
K •
N
S
H

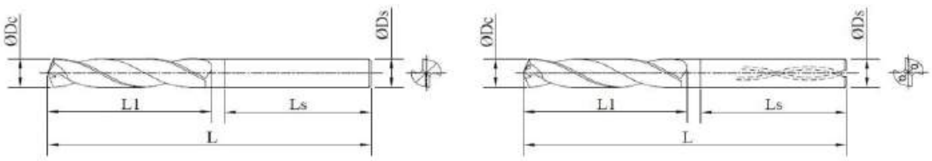
140°

4~5xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø20.0



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating		Tap Sizes
 Ordering Code	 Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Cut tap
AS-CI-0800-05-WC-	AS-CI-0800-05-TC-	8.00	8.0	53	36	93	5	I	F	MF 9.0x 1.00/ 3/8- 16UNC
AS-CI-0810-05-WC-	AS-CI-0810-05-TC-	8.10	10.0	61	40	105	5	I	F	
AS-CI-0840-05-WC-	AS-CI-0840-05-TC-	8.40	10.0	61	40	105	5	I	F	
AS-CI-0850-05-WC-	AS-CI-0850-05-TC-	8.50	10.0	61	40	105	5	I	F	M10/ 3/8 -24 UNF
AS-CI-0870-05-WC-	AS-CI-0870-05-TC-	8.70	10.0	61	40	105	5	I	F	
AS-CI-0880-05-WC-	AS-CI-0880-05-TC-	8.80	10.0	61	40	105	5	I	F	MF 10x 1.25
AS-CI-0900-05-WC-	AS-CI-0900-05-TC-	9.00	10.0	61	40	105	5	I	F	MF 10x 1.00
AS-CI-0925-05-WC-	AS-CI-0925-05-TC-	9.25	10.0	61	40	105	5	I	F	MF 10x 0.75
AS-CI-0930-05-WC-	AS-CI-0930-05-TC-	9.30	10.0	61	40	105	5	I	F	
AS-CI-0940-05-WC-	AS-CI-0940-05-TC-	9.40	10.0	61	40	105	5	I	F	7/16- 14 UNC
AS-CI-0950-05-WC-	AS-CI-0950-05-TC-	9.50	10.0	61	40	105	5	I	F	M11
AS-CI-0980-05-WC-	AS-CI-0980-05-TC-	9.80	10.0	61	40	105	5	I	F	
AS-CI-0990-05-WC-	AS-CI-0990-05-TC-	9.90	10.0	61	40	105	5	I	F	7/16- 20 UNF
AS-CI-1000-05-WC-	AS-CI-1000-05-TC-	10.00	10.0	61	40	105	5	I	F	MF 11 x 1.00
AS-CI-1010-05-WC-	AS-CI-1010-05-TC-	10.10	12.0	71	45	120	5	I	F	
AS-CI-1020-05-WC-	AS-CI-1020-05-TC-	10.20	12.0	71	45	120	5	I	F	M12
AS-CI-1050-05-WC-	AS-CI-1050-05-TC-	10.50	12.0	71	45	120	5	I	F	MF 12x 1.50
AS-CI-1075-05-WC-	AS-CI-1075-05-TC-	10.75	12.0	71	45	120	5	I	F	MF 12x 1.25
AS-CI-1080-05-WC-	AS-CI-1080-05-TC-	10.80	12.0	71	45	120	5	I	F	1/2- 13 UNC
AS-CI-1100-05-WC-	AS-CI-1100-05-TC-	11.00	12.0	71	45	120	5	I	F	MF 12x 1.00
AS-CI-1120-05-WC-	AS-CI-1120-05-TC-	11.20	12.0	71	45	120	5	I	F	
AS-CI-1150-05-WC-	AS-CI-1150-05-TC-	11.50	12.0	71	45	120	5	I	F	1/2 -20 UNF
AS-CI-1170-05-WC-	AS-CI-1170-05-TC-	11.70	12.0	71	45	120	5	I	F	
AS-CI-1200-05-WC-	AS-CI-1200-05-TC-	12.00	12.0	71	45	120	5	I	F	M14
AS-CI-1210-05-WC-	AS-CI-1210-05-TC-	12.10	14.0	77	45	125	4	I	F	
AS-CI-1220-05-WC-	AS-CI-1220-05-TC-	12.20	14.0	77	45	125	4	I	F	9/16- 12 UNC
AS-CI-1250-05-WC-	AS-CI-1250-05-TC-	12.50	14.0	77	45	125	4	I	F	MF 14x 1.50
AS-CI-1275-05-WC-	AS-CI-1275-05-TC-	12.75	14.0	77	45	125	4	I	F	MF 14x 1.25
AS-CI-1290-05-WC-	AS-CI-1290-05-TC-	12.90	14.0	77	45	125	4	I	F	9/16 -18 UNF
AS-CI-1300-05-WC-	AS-CI-1300-05-TC-	13.00	14.0	77	45	125	4	I	F	MF 14x 1.00
AS-CI-1310-05-WC-	AS-CI-1310-05-TC-	13.10	14.0	77	45	125	4	I	F	
AS-CI-1350-05-WC-	AS-CI-1350-05-TC-	13.50	14.0	77	45	125	4	I	F	MF 15x 1.50/ 5/8- 11 UNC
AS-CI-1400-05-WC-	AS-CI-1400-05-TC-	14.00	14.0	77	45	125	4	I	F	M16/MF 15x 1.00
AS-CI-1450-05-WC-	AS-CI-1450-05-TC-	14.50	16.0	83	48	135	4	I	F	MF 16x 1.50/ 5/8 -18 UNF
AS-CI-1480-05-WC-	AS-CI-1480-05-TC-	14.80	16.0	83	48	135	4	I	F	MF 16x 1.25
AS-CI-1500-05-WC-	AS-CI-1500-05-TC-	15.00	16.0	83	48	135	4	I	F	MF 16x 1.00
AS-CI-1550-05-WC-	AS-CI-1550-05-TC-	15.50	16.0	83	48	135	4	I	F	M18 /MF 17x 1.50
AS-CI-1600-05-WC-	AS-CI-1600-05-TC-	16.00	16.0	83	48	135	4	I	F	MF 17x 1.00
AS-CI-1650-05-WC-	AS-CI-1650-05-TC-	16.50	18.0	93	48	145	4	I	F	MF 18x 1.50 / 3/4- 10 UNC
AS-CI-1700-05-WC-	AS-CI-1700-05-TC-	17.00	18.0	93	48	145	4	I	F	MF 18x 1.00
AS-CI-1750-05-WC-	AS-CI-1750-05-TC-	17.50	18.0	93	48	145	4	I	F	M20 / 3/4 -16 UNF
AS-CI-1800-05-WC-	AS-CI-1800-05-TC-	18.00	18.0	93	48	145	4	I	F	MF 20x 2.00
AS-CI-1850-05-WC-	AS-CI-1850-05-TC-	18.50	20.0	101	50	155	4	I	F	MF 20x 1.50
AS-CI-1900-05-WC-	AS-CI-1900-05-TC-	19.00	20.0	101	50	155	4	I	F	MF 20x 1.00
AS-CI-1950-05-WC-	AS-CI-1950-05-TC-	19.50	20.0	101	50	155	4	I	F	M22 / 7/8- 9 UNC
AS-CI-2000-05-WC-	AS-CI-2000-05-TC-	20.00	20.0	101	50	155	4	I	F	MF 22x 2.00

Ordering Code for Example:-
AS-CI-0800-05-TC-I Coating InoxaCon
AS-CI-0800-05-WC-F Coating FerroCon

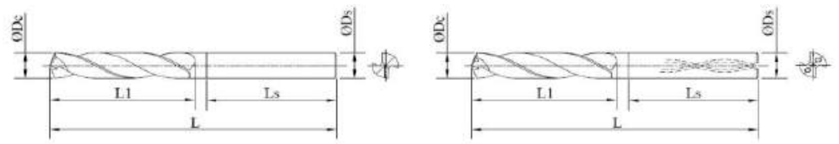
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

P
M
K
N ●
S
H

140°
4~5xD
Dc m7
Ds h6

Diameter Range
Ø3.0- Ø20.0

SOLID CARBIDE DRILL - ALUMINIUM



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	Ordering Code	ØDC	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-0300-05-WC-	AS-AL-0300-05-TC-	3.00	6.0	25	36	63	5	U		
AS-AL-0310-05-WC-	AS-AL-0310-05-TC-	3.10	6.0	25	36	63	5	U		
AS-AL-0315-05-WC-	AS-AL-0315-05-TC-	3.15	6.0	25	36	63	5	U	MF 3.5 x 0.35	Nr. 6-32 UNC
AS-AL-0320-05-WC-	AS-AL-0320-05-TC-	3.20	6.0	25	36	63	5	U		6 - 40 UNF
AS-AL-0330-05-WC-	AS-AL-0330-05-TC-	3.30	6.0	25	36	63	5	U	M4	M 3.5
AS-AL-0340-05-WC-	AS-AL-0340-05-TC-	3.40	6.0	25	36	63	5	U		
AS-AL-0345-05-WC-	AS-AL-0345-05-TC-	3.45	6.0	25	36	63	5	U		
AS-AL-0350-05-WC-	AS-AL-0350-05-TC-	3.50	6.0	25	36	63	5	U	MF 4.0 x 0.50 /Nr.8-36 UNF	
AS-AL-0355-05-WC-	AS-AL-0355-05-TC-	3.55	6.0	25	36	63	5	U	Nr. 8- 32UNC	
AS-AL-0360-05-WC-	AS-AL-0360-05-TC-	3.60	6.0	25	36	63	5	U		
AS-AL-0370-05-WC-	AS-AL-0370-05-TC-	3.70	6.0	25	36	63	5	U	M4.5	M 4
AS-AL-0380-05-WC-	AS-AL-0380-05-TC-	3.80	6.0	36	36	74	5	U		MF 4 x 0.50/Nr, 8-32 UNC
AS-AL-0390-05-WC-	AS-AL-0390-05-TC-	3.90	6.0	36	36	74	5	U	Nr. 10- 24UNC	
AS-AL-0400-05-WC-	AS-AL-0400-05-TC-	4.00	6.0	36	36	74	5	U	MF 4.5x 0.50	
AS-AL-0410-05-WC-	AS-AL-0410-05-TC-	4.10	6.0	36	36	74	5	U	Nr. 10 -32 UNF	
AS-AL-0420-05-WC-	AS-AL-0420-05-TC-	4.20	6.0	36	36	74	5	U	M5	
AS-AL-0435-05-WC-	AS-AL-0435-05-TC-	4.35	6.0	36	36	74	5	U		Nr.10-24 UNC
AS-AL-0440-05-WC-	AS-AL-0440-05-TC-	4.40	6.0	36	36	74	5	U		
AS-AL-0450-05-WC-	AS-AL-0450-05-TC-	4.50	6.0	36	36	74	5	U	MF 5.0x 0.50/Nr. 12-24UNC	
AS-AL-0455-05-WC-	AS-AL-0455-05-TC-	4.55	6.0	36	36	74	5	U		
AS-AL-0460-05-WC-	AS-AL-0460-05-TC-	4.60	6.0	36	36	74	5	U	Nr. 12-28 UNF	
AS-AL-0465-05-WC-	AS-AL-0465-05-TC-	4.65	6.0	36	36	74	5	U		M 5
AS-AL-0470-05-WC-	AS-AL-0470-05-TC-	4.70	6.0	36	36	74	5	U		
AS-AL-0480-05-WC-	AS-AL-0480-05-TC-	4.80	6.0	36	36	74	5	U		M 5 x 0.50
AS-AL-0490-05-WC-	AS-AL-0490-05-TC-	4.90	6.0	42	36	80	5	U		
AS-AL-0500-05-WC-	AS-AL-0500-05-TC-	5.00	6.0	42	36	80	5	U	M6/MF5.5x 0.50	Nr.12 -24 UNC
AS-AL-0510-05-WC-	AS-AL-0510-05-TC-	5.10	6.0	42	36	80	5	U	1/4 - 20 UNC	Nr.12 - 28 UNF
AS-AL-0520-05-WC-	AS-AL-0520-05-TC-	5.20	6.0	42	36	80	5	U		
AS-AL-0525-05-WC-	AS-AL-0525-05-TC-	5.25	6.0	42	36	80	5	U	MF 6.0x 0.75	
AS-AL-0530-05-WC-	AS-AL-0530-05-TC-	5.30	6.0	42	36	80	5	U		MF 5.5 x 0.50
AS-AL-0540-05-WC-	AS-AL-0540-05-TC-	5.40	6.0	42	36	80	5	U		
AS-AL-0550-05-WC-	AS-AL-0550-05-TC-	5.50	6.0	42	36	80	5	U	1/4 -28 UNF	
AS-AL-0555-05-WC-	AS-AL-0555-05-TC-	5.55	6.0	42	36	80	5	U		M 6
AS-AL-0565-05-WC-	AS-AL-0565-05-TC-	5.65	6.0	42	36	80	5	U		MF 6x 0.75
AS-AL-0575-05-WC-	AS-AL-0575-05-TC-	5.75	6.0	42	36	80	5	U		1/4 - 20 UNC
AS-AL-0580-05-WC-	AS-AL-0580-05-TC-	5.80	6.0	42	36	80	5	U		
AS-AL-0590-05-WC-	AS-AL-0590-05-TC-	5.90	6.0	42	36	80	5	U	5/16- 24 UNF	
AS-AL-0600-05-WC-	AS-AL-0600-05-TC-	6.00	6.0	42	36	80	5	U	M7	
AS-AL-0610-05-WC-	AS-AL-0610-05-TC-	6.10	8.0	53	36	93	5	U		
AS-AL-0620-05-WC-	AS-AL-0620-05-TC-	6.20	8.0	53	36	93	5	U		
AS-AL-0625-05-WC-	AS-AL-0625-05-TC-	6.25	8.0	53	36	93	5	U	MF 7.0x 0.75	
AS-AL-0630-05-WC-	AS-AL-0630-05-TC-	6.30	8.0	53	36	93	5	U		
AS-AL-0640-05-WC-	AS-AL-0640-05-TC-	6.40	8.0	53	36	93	5	U		
AS-AL-0655-05-WC-	AS-AL-0655-05-TC-	6.55	8.0	53	36	93	5	U		M7
AS-AL-0660-05-WC-	AS-AL-0660-05-TC-	6.60	8.0	53	36	93	5	U	5/16- 18 UNC	
AS-AL-0670-05-WC-	AS-AL-0670-05-TC-	6.70	8.0	53	36	93	5	U		
AS-AL-0680-05-WC-	AS-AL-0680-05-TC-	6.80	8.0	53	36	93	5	U	M8	
AS-AL-0690-05-WC-	AS-AL-0690-05-TC-	6.90	8.0	53	36	93	5	U		
AS-AL-0700-05-WC-	AS-AL-0700-05-TC-	7.00	8.0	53	36	93	5	U	MF 8.0x 1.00	
AS-AL-0710-05-WC-	AS-AL-0710-05-TC-	7.10	8.0	53	36	93	5	U		
AS-AL-0720-05-WC-	AS-AL-0720-05-TC-	7.20	8.0	53	36	93	5	U		

Ordering Code For Example:-
AS-AL-0800-05-TC-U Coating UnCoated
AS-AL-0800-05-WC-U Coating UnCoated

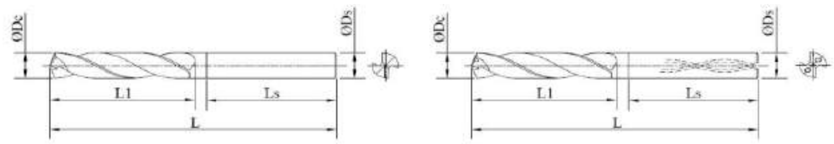
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

P
M
K
N ●
S
H

140°
4~5xD
Dc m7
Ds h6

Diameter Range
Ø3.0- Ø20.0

SOLID CARBIDE DRILL - ALUMINIUM



External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	Ordering Code	ØDC	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-0725-05-WC-	AS-AL-0725-05-TC-	7.25	8.0	53	36	93	5	U	MF 8.0x 0.75	
AS-AL-0730-05-WC-	AS-AL-0730-05-TC-	7.30	8.0	53	36	93	5	U		5/16-18 UNC
AS-AL-0740-05-WC-	AS-AL-0740-05-TC-	7.40	8.0	53	36	93	5	U		M 8
AS-AL-0750-05-WC-	AS-AL-0750-05-TC-	7.50	8.0	53	36	93	5	U	MF 8.0x 0.50	
AS-AL-0765-05-WC-	AS-AL-0765-05-TC-	7.65	8.0	53	36	93	5	U		MF 8x0.75
AS-AL-0770-05-WC-	AS-AL-0770-05-TC-	7.70	8.0	53	36	93	5	U		
AS-AL-0780-05-WC-	AS-AL-0780-05-TC-	7.80	8.0	53	36	93	5	U	M9	
AS-AL-0790-05-WC-	AS-AL-0790-05-TC-	7.90	8.0	53	36	93	5	U		
AS-AL-0800-05-WC-	AS-AL-0800-05-TC-	8.00	8.0	53	36	93	5	U	MF 9.0x 1.00/ 3/8- 16UNC	
AS-AL-0810-05-WC-	AS-AL-0810-05-TC-	8.10	10.0	61	40	105	5	U		
AS-AL-0820-05-WC-	AS-AL-0820-05-TC-	8.20	10.0	61	40	105	5	U		
AS-AL-0830-05-WC-	AS-AL-0830-05-TC-	8.30	10.0	61	40	105	5	U		
AS-AL-0840-05-WC-	AS-AL-0840-05-TC-	8.40	10.0	61	40	105	5	U		M 9
AS-AL-0850-05-WC-	AS-AL-0850-05-TC-	8.50	10.0	61	40	105	5	U	M10/ 3/8 -24 UNF	
AS-AL-0860-05-WC-	AS-AL-0860-05-TC-	8.60	10.0	61	40	105	5	U		
AS-AL-0870-05-WC-	AS-AL-0870-05-TC-	8.70	10.0	61	40	105	5	U		
AS-AL-0880-05-WC-	AS-AL-0880-05-TC-	8.80	10.0	61	40	105	5	U	MF 10x 1.25	3/8-16 UNC
AS-AL-0890-05-WC-	AS-AL-0890-05-TC-	8.90	10.0	61	40	105	5	U		
AS-AL-0900-05-WC-	AS-AL-0900-05-TC-	9.00	10.0	61	40	105	5	U	MF 10x 1.00	
AS-AL-0910-05-WC-	AS-AL-0910-05-TC-	9.10	10.0	61	40	105	5	U		
AS-AL-0925-05-WC-	AS-AL-0925-05-TC-	9.25	10.0	61	40	105	5	U	MF 10x 0.75	
AS-AL-0930-05-WC-	AS-AL-0930-05-TC-	9.30	10.0	61	40	105	5	U		M 10
AS-AL-0940-05-WC-	AS-AL-0940-05-TC-	9.40	10.0	61	40	105	5	U	7/16- 14 UNC	MF 10 x1.25
AS-AL-0950-05-WC-	AS-AL-0950-05-TC-	9.50	10.0	61	40	105	5	U	M11	MF 10 x1.0
AS-AL-0965-05-WC-	AS-AL-0965-05-TC-	9.65	10.0	61	40	105	5	U		MF 10x0.75
AS-AL-0970-05-WC-	AS-AL-0970-05-TC-	9.70	10.0	61	40	105	5	U		
AS-AL-0980-05-WC-	AS-AL-0980-05-TC-	9.80	10.0	61	40	105	5	U		
AS-AL-0990-05-WC-	AS-AL-0990-05-TC-	9.90	10.0	61	40	105	5	U	7/16- 20 UNF	
AS-AL-1000-05-WC-	AS-AL-1000-05-TC-	10.00	10.0	61	40	105	5	U	MF 11 x 1.00	
AS-AL-1010-05-WC-	AS-AL-1010-05-TC-	10.10	12.0	71	45	120	5	U		
AS-AL-1020-05-WC-	AS-AL-1020-05-TC-	10.20	12.0	71	45	120	5	U	M12	
AS-AL-1030-05-WC-	AS-AL-1030-05-TC-	10.30	12.0	71	45	120	5	U		M 11 / 7/16- 14 UNC
AS-AL-1040-05-WC-	AS-AL-1040-05-TC-	10.40	12.0	71	45	120	5	U		
AS-AL-1050-05-WC-	AS-AL-1050-05-TC-	10.50	12.0	71	45	120	5	U	MF 12x 1.50	
AS-AL-1055-05-WC-	AS-AL-1055-05-TC-	10.55	12.0	71	45	120	5	U		7/16- 20 UNF
AS-AL-1075-05-WC-	AS-AL-1075-05-TC-	10.75	12.0	71	45	120	5	U	MF 12x 1.25	
AS-AL-1080-05-WC-	AS-AL-1080-05-TC-	10.80	12.0	71	45	120	5	U	1/2- 13 UNC	
AS-AL-1090-05-WC-	AS-AL-1090-05-TC-	10.90	12.0	71	45	120	5	U		
AS-AL-1100-05-WC-	AS-AL-1100-05-TC-	11.00	12.0	71	45	120	5	U	MF 12x 1.00	
AS-AL-1120-05-WC-	AS-AL-1120-05-TC-	11.20	12.0	71	45	120	5	U		M 12
AS-AL-1130-05-WC-	AS-AL-1130-05-TC-	11.30	12.0	71	45	120	5	U		MF12x1.50
AS-AL-1140-05-WC-	AS-AL-1140-05-TC-	11.40	12.0	71	45	120	5	U		MF12x1.25
AS-AL-1150-05-WC-	AS-AL-1150-05-TC-	11.50	12.0	71	45	120	5	U	1/2 -20 UNF	
AS-AL-1170-05-WC-	AS-AL-1170-05-TC-	11.70	12.0	71	45	120	5	U		
AS-AL-1200-05-WC-	AS-AL-1200-05-TC-	12.00	12.0	71	45	120	5	U	M14	
AS-AL-1210-05-WC-	AS-AL-1210-05-TC-	12.10	14.0	77	45	125	4	U		1/2- 20 UNF
AS-AL-1220-05-WC-	AS-AL-1220-05-TC-	12.20	14.0	77	45	125	4	U	9/16- 12 UNC	
AS-AL-1250-05-WC-	AS-AL-1250-05-TC-	12.50	14.0	77	45	125	4	U	MF 14x 1.50	
AS-AL-1260-05-WC-	AS-AL-1260-05-TC-	12.60	14.0	77	45	125	4	U		
AS-AL-1275-05-WC-	AS-AL-1275-05-TC-	12.75	14.0	77	45	125	4	U	MF 14x 1.25	
AS-AL-1280-05-WC-	AS-AL-1280-05-TC-	12.80	14.0	77	45	125	4	U		

Ordering Code For Example:-
AS-AL-0800-05-TC-U Coating UnCoated
AS-AL-0800-05-WC-U Coating UnCoated

ACCUSHARP Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

P
M
K
N ●
S
H

140°

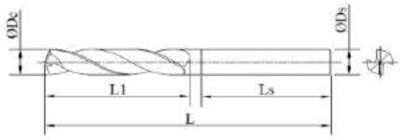
4~5xD

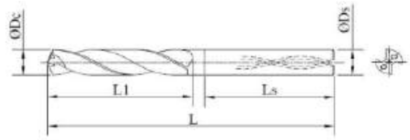
Dc m7

Ds h6

Diameter Range Ø3.0- Ø20.0

SOLID CARBIDE DRILL - ALUMINIUM





External Coolant Supply	Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	Ordering Code	ØDC	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-1290-05-WC-	AS-AL-1290-05-TC-	12.90	14.0	77	45	125	4	U	9/16 -18 UNF	
AS-AL-1300-05-WC-	AS-AL-1300-05-TC-	13.00	14.0	77	45	125	4	U	MF 14x 1.00	
AS-AL-1310-05-WC-	AS-AL-1310-05-TC-	13.10	14.0	77	45	125	4	U		M 14
AS-AL-1340-05-WC-	AS-AL-1340-05-TC-	13.40	14.0	77	45	125	4	U		MF 14 x 1.25
AS-AL-1350-05-WC-	AS-AL-1350-05-TC-	13.50	14.0	77	45	125	4	U	MF 15x 1.50/ 5/8- 11 UNC	
AS-AL-1370-05-WC-	AS-AL-1370-05-TC-	13.70	14.0	77	45	125	4	U		
AS-AL-1400-05-WC-	AS-AL-1400-05-TC-	14.00	14.0	77	45	125	4	U	M16/MF 15x 1.00	
AS-AL-1430-05-WC-	AS-AL-1430-05-TC-	14.30	16.0	83	48	135	4	U		MF 15 x 1.50
AS-AL-1450-05-WC-	AS-AL-1450-05-TC-	14.50	16.0	83	48	135	4	U	MF 16x 1.50/ 5/8 -18 UNF	
AS-AL-1480-05-WC-	AS-AL-1480-05-TC-	14.80	16.0	83	48	135	4	U	MF 16x 1.25	5/8 -11 UNC
AS-AL-1500-05-WC-	AS-AL-1500-05-TC-	15.00	16.0	83	48	135	4	U	MF 16x 1.00	
AS-AL-1510-05-WC-	AS-AL-1510-05-TC-	15.10	16.0	83	48	135	4	U		M 16
AS-AL-1530-05-WC-	AS-AL-1530-05-TC-	15.30	16.0	83	48	135	4	U		MF16 x 1.50
AS-AL-1550-05-WC-	AS-AL-1550-05-TC-	15.50	16.0	83	48	135	4	U	M18 /MF 17x 1.50	
AS-AL-1600-05-WC-	AS-AL-1600-05-TC-	16.00	16.0	83	48	135	4	U	MF 17x 1.00	
AS-AL-1630-05-WC-	AS-AL-1630-05-TC-	16.30	18.0	93	48	145	4	U		MF 17 x 1.50
AS-AL-1650-05-WC-	AS-AL-1650-05-TC-	16.50	18.0	93	48	145	4	U	MF 18x 1.50 / 3/4- 10 UNC	
AS-AL-1690-05-WC-	AS-AL-1690-05-TC-	16.90	18.0	93	48	145	4	U		M 18
AS-AL-1700-05-WC-	AS-AL-1700-05-TC-	17.00	18.0	93	48	145	4	U	MF 18x 1.00	
AS-AL-1710-05-WC-	AS-AL-1710-05-TC-	17.10	18.0	93	48	145	4	U		MF18 x 2.00
AS-AL-1730-05-WC-	AS-AL-1730-05-TC-	17.30	18.0	93	48	145	4	U		MF 18 x 1.50
AS-AL-1750-05-WC-	AS-AL-1750-05-TC-	17.50	18.0	93	48	145	4	U	M20 / 3/4 -16 UNF	
AS-AL-1790-05-WC-	AS-AL-1790-05-TC-	17.90	18.0	93	48	145	4	U		3/4- 10 UNC
AS-AL-1800-05-WC-	AS-AL-1800-05-TC-	18.00	18.0	93	48	145	4	U	MF 20x 2.00	
AS-AL-1850-05-WC-	AS-AL-1850-05-TC-	18.50	20.0	101	50	155	4	U	MF 20x 1.50	
AS-AL-1890-05-WC-	AS-AL-1890-05-TC-	18.90	20.0	101	50	155	4	U		M 20
AS-AL-1900-05-WC-	AS-AL-1900-05-TC-	19.00	20.0	101	50	155	4	U	MF 20x 1.00	
AS-AL-1930-05-WC-	AS-AL-1930-05-TC-	19.30	20.0	101	50	155	4	U		MF 20 x 1.50
AS-AL-1950-05-WC-	AS-AL-1950-05-TC-	19.50	20.0	101	50	155	4	U	M22 / 7/8- 9 UNC	
AS-AL-2000-05-WC-	AS-AL-2000-05-TC-	20.00	20.0	101	50	155	4	U	MF 22x 2.00	

Ordering Code For Example:-
AS-AL-0800-05-TC-U Coating UnCoated
AS-AL-0800-05-WC-U Coating UnCoated

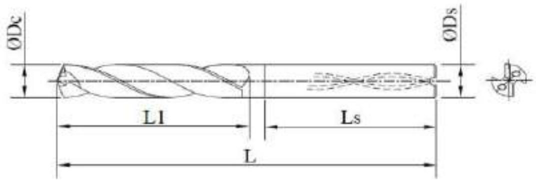
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - ALUMINIUM

P	M	K	N	S	H
			●		

140° | 8xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-0300-08-TC-	3.00	6.0	34	36	74	8	U		
AS-AL-0310-08-TC-	3.10	6.0	34	36	74	8	U		
AS-AL-0315-08-TC-	3.15	6.0	34	36	74	8	U	MF 3.5 x 0.35	Nr. 6-32 UNC
AS-AL-0320-08-TC-	3.20	6.0	34	36	74	8	U		6 - 40 UNF
AS-AL-0330-08-TC-	3.30	6.0	34	36	74	8	U	M4	M 3.5
AS-AL-0340-08-TC-	3.40	6.0	34	36	74	8	U		
AS-AL-0345-08-TC-	3.45	6.0	34	36	74	8	U		
AS-AL-0350-08-TC-	3.50	6.0	34	36	74	8	U	MF 4.0 x 0.50 /Nr.8-36 UNF	
AS-AL-0355-08-TC-	3.55	6.0	34	36	74	8	U	Nr. 8- 32UNC	
AS-AL-0360-08-TC-	3.60	6.0	34	36	74	8	U		
AS-AL-0370-08-TC-	3.70	6.0	34	36	74	8	U	M4.5	M 4
AS-AL-0380-08-TC-	3.80	6.0	47	36	87	8	U		MF 4 x 0.50/Nr, 8-32 UNC
AS-AL-0390-08-TC-	3.90	6.0	47	36	87	8	U	Nr. 10- 24UNC	
AS-AL-0400-08-TC-	4.00	6.0	47	36	87	8	U	MF 4.5x 0.50	
AS-AL-0410-08-TC-	4.10	6.0	47	36	87	8	U	Nr. 10 -32 UNF	
AS-AL-0420-08-TC-	4.20	6.0	47	36	87	8	U	M5	
AS-AL-0435-08-TC-	4.35	6.0	47	36	87	8	U		Nr.10-24 UNC
AS-AL-0440-08-TC-	4.40	6.0	47	36	87	8	U		
AS-AL-0450-08-TC-	4.50	6.0	47	36	87	8	U	MF 5.0x 0.50/Nr. 12-24UNC	
AS-AL-0455-08-TC-	4.55	6.0	47	36	87	8	U		
AS-AL-0460-08-TC-	4.60	6.0	47	36	87	8	U	Nr. 12-28 UNF	
AS-AL-0465-08-TC-	4.65	6.0	47	36	87	8	U		M 5
AS-AL-0470-08-TC-	4.70	6.0	47	36	87	8	U		
AS-AL-0480-08-TC-	4.80	6.0	57	36	97	8	U		M 5 x 0.50
AS-AL-0490-08-TC-	4.90	6.0	57	36	97	8	U		
AS-AL-0500-08-TC-	5.00	6.0	57	36	97	8	U	M6/MF5.5x 0.50	Nr.12 -24 UNC
AS-AL-0510-08-TC-	5.10	6.0	57	36	97	8	U	1/4 - 20 UNC	Nr.12 - 28 UNF
AS-AL-0520-08-TC-	5.20	6.0	57	36	97	8	U		
AS-AL-0525-08-TC-	5.25	6.0	57	36	97	8	U	MF 6.0x 0.75	
AS-AL-0530-08-TC-	5.30	6.0	57	36	97	8	U		MF 5.5 x 0.50
AS-AL-0540-08-TC-	5.40	6.0	57	36	97	8	U		
AS-AL-0550-08-TC-	5.50	6.0	57	36	97	8	U	1/4 -28 UNF	
AS-AL-0555-08-TC-	5.55	6.0	57	36	97	8	U		M 6
AS-AL-0565-08-TC-	5.65	6.0	57	36	97	8	U		MF 6x 0.75
AS-AL-0575-08-TC-	5.75	6.0	57	36	97	8	U		1/4 - 20 UNC
AS-AL-0580-08-TC-	5.80	6.0	57	36	97	8	U		
AS-AL-0590-08-TC-	5.90	6.0	57	36	97	8	U	5/16- 24 UNF	
AS-AL-0600-08-TC-	6.00	6.0	57	36	97	8	U	M7	
AS-AL-0610-08-TC-	6.10	8.0	66	36	106	8	U		
AS-AL-0620-08-TC-	6.20	8.0	66	36	106	8	U		
AS-AL-0625-08-TC-	6.25	8.0	66	36	106	8	U	MF 7.0x 0.75	
AS-AL-0630-08-TC-	6.30	8.0	66	36	106	8	U		
AS-AL-0640-08-TC-	6.40	8.0	66	36	106	8	U		
AS-AL-0655-08-TC-	6.55	8.0	66	36	106	8	U		M7
AS-AL-0660-08-TC-	6.60	8.0	66	36	106	8	U	5/16- 18 UNC	

Ordering Code For Example:-
AS-AL-0800-08-TC-U Coating UnCoated

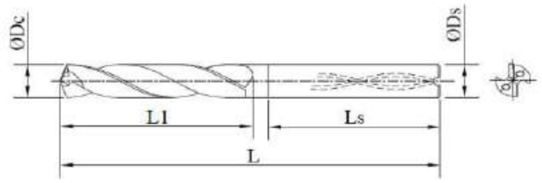
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - ALUMINIUM

P	M	K	N	S	H
			●		

140° | 8xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-0670-08-TC-	6.70	8.0	66	36	106	8	U		
AS-AL-0680-08-TC-	6.80	8.0	66	36	106	8	U	M8	
AS-AL-0690-08-TC-	6.90	8.0	66	36	106	8	U		
AS-AL-0700-08-TC-	7.00	8.0	66	36	106	8	U	MF 8.0x 1.00	
AS-AL-0710-08-TC-	7.10	8.0	80	36	120	8	U		
AS-AL-0720-08-TC-	7.20	8.0	80	36	120	8	U		
AS-AL-0725-08-TC-	7.25	8.0	80	36	120	8	U	MF 8.0x 0.75	
AS-AL-0730-08-TC-	7.30	8.0	80	36	120	8	U		5/16-18 UNC
AS-AL-0740-08-TC-	7.40	8.0	80	36	120	8	U		M 8
AS-AL-0750-08-TC-	7.50	8.0	80	36	120	8	U	MF 8.0x 0.50	
AS-AL-0765-08-TC-	7.65	8.0	80	36	120	8	U		MF 8x0.75
AS-AL-0770-08-TC-	7.70	8.0	80	36	120	8	U		
AS-AL-0780-08-TC-	7.80	8.0	80	36	120	8	U	M9	
AS-AL-0790-08-TC-	7.90	8.0	80	36	120	8	U		
AS-AL-0800-08-TC-	8.00	8.0	80	36	120	8	U	MF 9.0x 1.00/ 3/8- 16UNC	
AS-AL-0810-08-TC-	8.10	10.0	95	40	139	8	U		
AS-AL-0820-08-TC-	8.20	10.0	95	40	139	8	U		
AS-AL-0830-08-TC-	8.30	10.0	95	40	139	8	U		
AS-AL-0840-08-TC-	8.40	10.0	95	40	139	8	U		M 9
AS-AL-0850-08-TC-	8.50	10.0	95	40	139	8	U	M10/ 3/8 -24 UNF	
AS-AL-0860-08-TC-	8.60	10.0	95	40	139	8	U		
AS-AL-0870-08-TC-	8.70	10.0	95	40	139	8	U		
AS-AL-0880-08-TC-	8.80	10.0	95	40	139	8	U	MF 10x 1.25	3/8-16 UNC
AS-AL-0890-08-TC-	8.90	10.0	95	40	139	8	U		
AS-AL-0900-08-TC-	9.00	10.0	95	40	139	8	U	MF 10x 1.00	
AS-AL-0910-08-TC-	9.10	10.0	95	40	139	8	U		
AS-AL-0925-08-TC-	9.25	10.0	95	40	139	8	U	MF 10x 0.75	
AS-AL-0930-08-TC-	9.30	10.0	95	40	139	8	U		M 10
AS-AL-0940-08-TC-	9.40	10.0	95	40	139	8	U	7/16- 14 UNC	MF 10 x1.25
AS-AL-0950-08-TC-	9.50	10.0	95	40	139	8	U	M11	MF 10 x1.0
AS-AL-0965-08-TC-	9.65	10.0	95	40	139	8	U		MF 10x0.75
AS-AL-0970-08-TC-	9.70	10.0	95	40	139	8	U		
AS-AL-0980-08-TC-	9.80	10.0	95	40	139	8	U		
AS-AL-0990-08-TC-	9.90	10.0	95	40	139	8	U	7/16- 20 UNF	
AS-AL-1000-08-TC-	10.00	10.0	95	40	139	8	U	MF 11 x 1.00	
AS-AL-1010-08-TC-	10.10	12.0	114	45	161	8	U		
AS-AL-1020-08-TC-	10.20	12.0	114	45	161	8	U	M12	
AS-AL-1030-08-TC-	10.30	12.0	114	45	161	8	U		M 11 / 7/16- 14 UNC
AS-AL-1040-08-TC-	10.40	12.0	114	45	161	8	U		
AS-AL-1050-08-TC-	10.50	12.0	114	45	161	8	U	MF 12x 1.50	
AS-AL-1055-08-TC-	10.55	12.0	114	45	161	8	U		7/16- 20 UNF
AS-AL-1075-08-TC-	10.75	12.0	114	45	161	8	U	MF 12x 1.25	
AS-AL-1080-08-TC-	10.80	12.0	114	45	161	8	U	1/2- 13 UNC	
AS-AL-1090-08-TC-	10.90	12.0	114	45	161	8	U		
AS-AL-1100-08-TC-	11.00	12.0	114	45	161	8	U	MF 12x 1.00	

Ordering Code For Example:-
AS-AL-0800-08-TC-U Coating UnCoated

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - ALUMINIUM

P	
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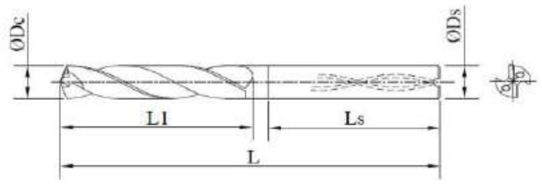
140° | 8xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating	Tap Sizes	
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	Uncoated	Cut tap	Rolled tap
AS-AL-1120-08-TC-	11.20	12.0	114	45	161	8	U		M 12
AS-AL-1130-08-TC-	11.30	12.0	114	45	161	8	U		MF12x1.50
AS-AL-1140-08-TC-	11.40	12.0	114	45	161	8	U		MF12x1.25
AS-AL-1150-08-TC-	11.50	12.0	114	45	161	8	U	1/2 -20 UNF	
AS-AL-1160-08-TC-	11.60	12.0	114	45	161	8	U		
AS-AL-1170-08-TC-	11.70	12.0	114	45	161	8	U		
AS-AL-1200-08-TC-	12.00	12.0	114	45	161	8	U	M14	
AS-AL-1210-08-TC-	12.10	14.0	135	45	185	8	U		1/2- 20 UNF
AS-AL-1220-08-TC-	12.20	14.0	135	45	185	8	U	9/16- 12 UNC	
AS-AL-1250-08-TC-	12.50	14.0	135	45	185	8	U	MF 14x 1.50	
AS-AL-1275-08-TC-	12.75	14.0	135	45	185	8	U	MF 14x 1.25	
AS-AL-1290-08-TC-	12.90	14.0	135	45	185	8	U	9/16 -18 UNF	
AS-AL-1300-08-TC-	13.00	14.0	135	45	185	8	U	MF 14x 1.00	
AS-AL-1310-08-TC-	13.10	14.0	135	45	185	8	U		M 14
AS-AL-1330-08-TC-	13.30	14.0	135	45	185	8	U		MF 14 x 1.50
AS-AL-1340-08-TC-	13.40	14.0	135	45	185	8	U		MF 14 x 1.25
AS-AL-1350-08-TC-	13.50	14.0	135	45	185	8	U	MF 15x 1.50/ 5/8- 11 UNC	
AS-AL-1370-08-TC-	13.70	14.0	135	45	185	8	U		
AS-AL-1400-08-TC-	14.00	14.0	135	45	185	8	U	M16/MF 15x 1.00	
AS-AL-1430-08-TC-	14.30	16.0	152	48	205	8	U		MF 15 x 1.50
AS-AL-1450-08-TC-	14.50	16.0	152	48	205	8	U	MF 16x 1.50/ 5/8 -18 UNF	
AS-AL-1480-08-TC-	14.80	16.0	152	48	205	8	U	MF 16x 1.25	5/8 -11 UNC
AS-AL-1500-08-TC-	15.00	16.0	152	48	205	8	U	MF 16x 1.00	
AS-AL-1510-08-TC-	15.10	16.0	152	48	205	8	U		M 16
AS-AL-1530-08-TC-	15.30	16.0	152	48	205	8	U		MF16 x 1.50
AS-AL-1550-08-TC-	15.50	16.0	152	48	205	8	U	M18 /MF 17x 1.50	
AS-AL-1600-08-TC-	16.00	16.0	152	48	205	8	U	MF 17x 1.00	
AS-AL-1630-08-TC-	16.30	18.0	171	48	225	8	U		MF 17 x 1.50
AS-AL-1650-08-TC-	16.50	18.0	171	48	225	8	U	MF 18x 1.50 / 3/4- 10 UNC	
AS-AL-1690-08-TC-	16.90	18.0	171	48	225	8	U		M 18
AS-AL-1700-08-TC-	17.00	18.0	171	48	225	8	U	MF 18x 1.00	
AS-AL-1710-08-TC-	17.10	18.0	171	48	225	8	U		MF18 x 2.00
AS-AL-1730-08-TC-	17.30	18.0	171	48	225	8	U		MF 18 x 1.50
AS-AL-1750-08-TC-	17.50	18.0	171	48	225	8	U	M20 / 3/4 -16 UNF	
AS-AL-1790-08-TC-	17.90	18.0	171	48	225	8	U		3/4- 10 UNC
AS-AL-1800-08-TC-	18.00	18.0	171	48	225	8	U	MF 20x 2.00	
AS-AL-1850-08-TC-	18.50	20.0	190	50	245	8	U	MF 20x 1.50	
AS-AL-1890-08-TC-	18.90	20.0	190	50	245	8	U		M 20
AS-AL-1900-08-TC-	19.00	20.0	190	50	245	8	U	MF 20x 1.00	
AS-AL-1930-08-TC-	19.30	20.0	190	50	245	8	U		MF 20 x 1.50
AS-AL-1950-08-TC-	19.50	20.0	190	50	245	8	U	M22 / 7/8- 9 UNC	
AS-AL-2000-08-TC-	20.00	20.0	190	50	245	8	U	MF 22x 2.00	

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - PILOT FOR HF AND MQ

P	M	K	N	S	H
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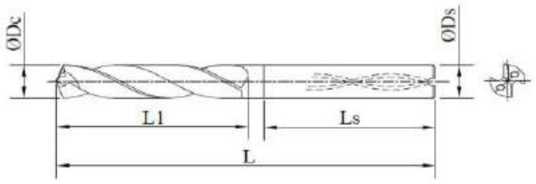
160°

3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø14.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-XP-0302-03-TC-	3.020	6.0	20	36	62	3	I	F	U
AS-XP-03195-03-TC-	3.195	6.0	20	36	62	3	I	F	U
AS-XP-0322-03-TC-	3.220	6.0	20	36	62	3	I	F	U
AS-XP-0352-03-TC-	3.520	6.0	20	36	62	3	I	F	U
AS-XP-03592-03-TC-	3.592	6.0	20	36	62	3	I	F	U
AS-XP-0372-03-TC-	3.720	6.0	20	36	62	3	I	F	U
AS-XP-0392-03-TC-	3.920	6.0	24	36	66	3	I	F	U
AS-XP-03989-03-TC-	3.989	6.0	24	36	66	3	I	F	U
AS-XP-0402-03-TC-	4.020	6.0	24	36	66	3	I	F	U
AS-XP-04386-03-TC-	4.386	6.0	24	36	66	3	I	F	U
AS-XP-0442-03-TC-	4.420	6.0	24	36	66	3	I	F	U
AS-XP-0452-03-TC-	4.520	6.0	28	36	66	3	I	F	U
AS-XP-0472-03-TC-	4.720	6.0	28	36	66	3	I	F	U
AS-XP-04783-03-TC-	4.783	6.0	28	36	66	3	I	F	U
AS-XP-0482-03-TC-	4.820	6.0	28	36	66	3	I	F	U
AS-XP-0502-03-TC-	5.020	6.0	28	36	66	3	I	F	U
AS-XP-0512-03-TC-	5.120	6.0	28	36	66	3	I	F	U
AS-XP-05179-03-TC-	5.179	6.0	28	36	66	3	I	F	U
AS-XP-0552-03-TC-	5.520	6.0	28	36	66	3	I	F	U
AS-XP-0557-03-TC-	5.570	6.0	28	36	66	3	I	F	U
AS-XP-0582-03-TC-	5.820	6.0	28	36	66	3	I	F	U
AS-XP-0602-03-TC-	6.020	6.0	28	36	66	3	I	F	U
AS-XP-0612-03-TC-	6.120	8.0	34	36	79	3	I	F	U
AS-XP-0637-03-TC-	6.370	8.0	34	36	79	3	I	F	U
AS-XP-0652-03-TC-	6.520	8.0	34	36	79	3	I	F	U
AS-XP-0672-03-TC-	6.720	8.0	34	36	79	3	I	F	U
AS-XP-06749-03-TC-	6.767	8.0	34	36	79	3	I	F	U
AS-XP-0682-03-TC-	6.820	8.0	34	36	79	3	I	F	U
AS-XP-0702-03-TC-	7.020	8.0	34	36	79	3	I	F	U
AS-XP-07164-03-TC-	7.164	8.0	41	36	79	3	I	F	U
AS-XP-0742-03-TC-	7.420	8.0	41	36	79	3	I	F	U
AS-XP-0752-03-TC-	7.520	8.0	41	36	79	3	I	F	U
AS-XP-07561-03-TC-	7.561	8.0	41	36	79	3	I	F	U
AS-XP-07958-03-TC-	7.958	8.0	41	36	79	3	I	F	U
AS-XP-0802-03-TC-	8.020	8.0	41	36	79	3	I	F	U
AS-XP-0812-03-TC-	8.120	10.0	47	40	89	3	I	F	U

For Example Ordering Code-
AS-XP-0800-03-TC-I For Coating Inoxacon
AS-XP-0800-03-TC-F For Coating Ferrecon
AS-XP-0800-03-TC-U For Coating Uncoated

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Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - PILOT FOR HF AND MQ

P	●
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S	●
H	○

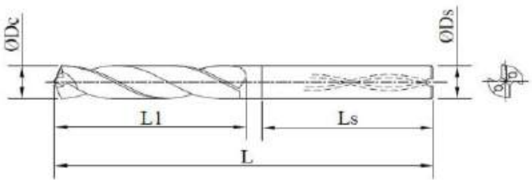
160 °

3xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø14.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-XP-0822-03-TC-	8.220	10.0	47	40	89	3	I	F	U
AS-XP-0852-03-TC-	8.520	10.0	47	40	89	3	I	F	U
AS-XP-08751-03-TC-	8.751	10.0	47	40	89	3	I	F	U
AS-XP-0902-03-TC-	9.020	10.0	47	40	89	3	I	F	U
AS-XP-09148-03-TC-	9.148	10.0	47	40	89	3	I	F	U
AS-XP-0952-03-TC-	9.520	10.0	47	40	89	3	I	F	U
AS-XP-09545-03-TC-	9.545	10.0	47	40	89	3	I	F	U
AS-XP-0982-03-TC-	9.820	10.0	47	40	89	3	I	F	U
AS-XP-09942-03-TC-	9.942	10.0	47	40	89	3	I	F	U
AS-XP-1002-03-TC-	10.020	10.0	47	40	89	3	I	F	U
AS-XP-1012-03-TC-	10.120	12.0	55	45	102	3	I	F	U
AS-XP-1022-03-TC-	10.220	12.0	55	45	102	3	I	F	U
AS-XP-10339-03-TC-	10.339	12.0	55	45	102	3	I	F	U
AS-XP-1052-03-TC-	10.520	12.0	55	45	102	3	I	F	U
AS-XP-10736-03-TC-	10.736	12.0	55	45	102	3	I	F	U
AS-XP-1102-03-TC-	11.020	12.0	55	45	102	3	I	F	U
AS-XP-11133-03-TC-	11.133	12.0	55	45	102	3	I	F	U
AS-XP-1122-03-TC-	11.220	12.0	55	45	102	3	I	F	U
AS-XP-11529-03-TC-	11.529	12.0	55	45	102	3	I	F	U
AS-XP-11926-03-TC-	11.926	12.0	55	45	102	3	I	F	U
AS-XP-1202-03-TC-	12.020	12.0	55	45	102	3	I	F	U
AS-XP-1222-03-TC-	12.220	14.0	60	45	107	3	I	F	U
AS-XP-1252-03-TC-	12.520	14.0	60	45	107	3	I	F	U
AS-XP-1272-03-TC-	12.720	14.0	60	45	107	3	I	F	U
AS-XP-1302-03-TC-	13.020	14.0	60	45	107	3	I	F	U
AS-XP-13514-03-TC-	13.514	14.0	60	45	107	3	I	F	U
AS-XP-1352-03-TC-	13.520	14.0	60	45	107	3	I	F	U
AS-XP-1402-03-TC-	14.020	14.0	60	45	107	3	I	F	U

For Example Ordering Code-
AS-XP-0800-03-TC-I For Coating Inoxacon
AS-XP-0800-03-TC-F For Coating Ferrecon
AS-XP-0800-03-TC-U For Coating Uncoated

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ISO 9001 : 2015

SOLID CARBIDE DRILL - HF LONG DRILL

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N	●
S	●
H	

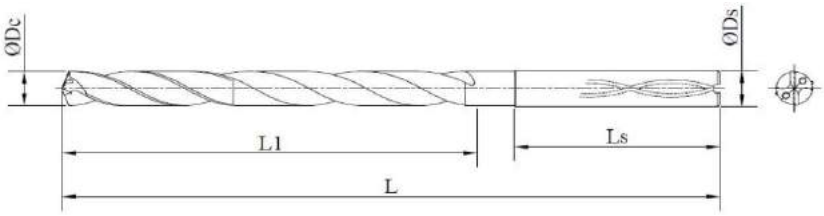
140°

12xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-HF-0300-12-TC-	3.000	6.0	54	36	92	12	I	F	U
AS-HF-03175-12-TC-	3.175	6.0	54	36	92	12	I	F	U
AS-HF-0320-12-TC-	3.200	6.0	54	36	92	12	I	F	U
AS-HF-0340-12-TC-	3.400	6.0	54	36	92	12	I	F	U
AS-HF-0350-12-TC-	3.500	6.0	54	36	92	12	I	F	U
AS-HF-03572-12-TC-	3.572	6.0	54	36	92	12	I	F	U
AS-HF-0360-12-TC-	3.600	6.0	54	36	92	12	I	F	U
AS-HF-0370-12-TC-	3.700	6.0	54	36	92	12	I	F	U
AS-HF-0390-12-TC-	3.900	6.0	64	36	102	12	I	F	U
AS-HF-03969-12-TC-	3.969	6.0	64	36	102	12	I	F	U
AS-HF-0400-12-TC-	4.000	6.0	64	36	102	12	I	F	U
AS-HF-0410-12-TC-	4.100	6.0	64	36	102	12	I	F	U
AS-HF-0420-12-TC-	4.200	6.0	64	36	102	12	I	F	U
AS-HF-04366-12-TC-	4.366	6.0	64	36	102	12	I	F	U
AS-HF-0440-12-TC-	4.400	6.0	64	36	102	12	I	F	U
AS-HF-0450-12-TC-	4.500	6.0	64	36	102	12	I	F	U
AS-HF-0455-12-TC-	4.550	6.0	64	36	102	12	I	F	U
AS-HF-0460-12-TC-	4.600	6.0	64	36	102	12	I	F	U
AS-HF-04763-12-TC-	4.763	6.0	83	36	121	12	I	F	U
AS-HF-0480-12-TC-	4.800	6.0	83	36	121	12	I	F	U
AS-HF-0500-12-TC-	5.000	6.0	83	36	121	12	I	F	U
AS-HF-0510-12-TC-	5.100	6.0	83	36	121	12	I	F	U
AS-HF-05159-12-TC-	5.159	6.0	83	36	121	12	I	F	U
AS-HF-0520-12-TC-	5.200	6.0	83	36	121	12	I	F	U
AS-HF-0550-12-TC-	5.500	6.0	83	36	121	12	I	F	U
AS-HF-0555-12-TC-	5.550	6.0	83	36	121	12	I	F	U
AS-HF-0560-12-TC-	5.600	6.0	83	36	121	12	I	F	U
AS-HF-0570-12-TC-	5.700	6.0	83	36	121	12	I	F	U
AS-HF-0590-12-TC-	5.900	6.0	83	36	121	12	I	F	U
AS-HF-0600-12-TC-	6.000	6.0	83	36	121	12	I	F	U
AS-HF-0610-12-TC-	6.100	8.0	110	36	148	12	I	F	U
AS-HF-0630-12-TC-	6.300	8.0	110	36	148	12	I	F	U
AS-HF-0635-12-TC-	6.350	8.0	110	36	148	12	I	F	U
AS-HF-0640-12-TC-	6.400	8.0	110	36	148	12	I	F	U
AS-HF-0660-12-TC-	6.600	8.0	110	36	148	12	I	F	U

For Example Ordering Code-
AS-HF-0800-12-TC-I For Coating Inoxacon
AS-HF-0800-12-TC-F For Coating Ferrecon
AS-HF-0800-12-TC-U For Coating Uncoated

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - HF LONG DRILL

P	●
M	●
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N	●
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H	

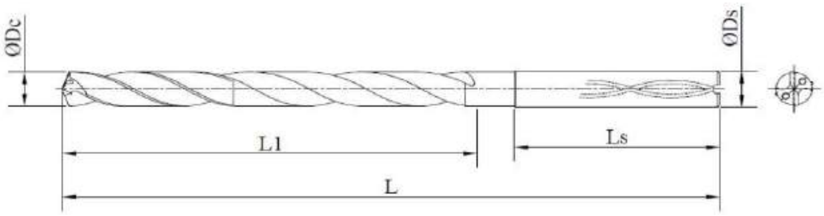
140°

12xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-HF-0670-12-TC-	6.700	8.0	110	36	148	12	I	F	U
AS-HF-06747-12-TC-	6.747	8.0	110	36	148	12	I	F	U
AS-HF-0680-12-TC-	6.800	8.0	110	36	148	12	I	F	U
AS-HF-0690-12-TC-	6.900	8.0	110	36	148	12	I	F	U
AS-HF-0700-12-TC-	7.000	8.0	110	36	148	12	I	F	U
AS-HF-0710-12-TC-	7.100	8.0	110	36	148	12	I	F	U
AS-HF-07144-12-TC-	7.144	8.0	110	36	148	12	I	F	U
AS-HF-0720-12-TC-	7.200	8.0	110	36	148	12	I	F	U
AS-HF-0750-12-TC-	7.500	8.0	110	36	148	12	I	F	U
AS-HF-07541-12-TC-	7.541	8.0	110	36	148	12	I	F	U
AS-HF-0780-12-TC-	7.800	8.0	110	36	148	12	I	F	U
AS-HF-0790-12-TC-	7.900	8.0	110	36	148	12	I	F	U
AS-HF-07938-12-TC-	7.938	8.0	110	36	148	12	I	F	U
AS-HF-0800-12-TC-	8.000	8.0	110	36	148	12	I	F	U
AS-HF-0810-12-TC-	8.100	10.0	138	40	180	12	I	F	U
AS-HF-0820-12-TC-	8.200	10.0	138	40	180	12	I	F	U
AS-HF-0840-12-TC-	8.400	10.0	138	40	180	12	I	F	U
AS-HF-0850-12-TC-	8.500	10.0	138	40	180	12	I	F	U
AS-HF-0870-12-TC-	8.700	10.0	138	40	180	12	I	F	U
AS-HF-08731-12-TC-	8.731	10.0	138	40	180	12	I	F	U
AS-HF-0880-12-TC-	8.800	10.0	138	40	180	12	I	F	U
AS-HF-0900-12-TC-	9.000	10.0	138	40	180	12	I	F	U
AS-HF-09128-12-TC-	9.128	10.0	138	40	180	12	I	F	U
AS-HF-0920-12-TC-	9.200	10.0	138	40	180	12	I	F	U
AS-HF-0930-12-TC-	9.300	10.0	138	40	180	12	I	F	U
AS-HF-0950-12-TC-	9.500	10.0	138	40	180	12	I	F	U
AS-HF-09525-12-TC-	9.525	10.0	138	40	180	12	I	F	U
AS-HF-0960-12-TC-	9.600	10.0	138	40	180	12	I	F	U
AS-HF-0980-12-TC-	9.800	10.0	138	40	180	12	I	F	U
AS-HF-09922-12-TC-	9.922	10.0	138	40	180	12	I	F	U
AS-HF-1000-12-TC-	10.000	10.0	138	40	180	12	I	F	U
AS-HF-1010-12-TC-	10.100	12.0	158	45	206	12	I	F	U
AS-HF-1020-12-TC-	10.200	12.0	158	45	206	12	I	F	U
AS-HF-1030-12-TC-	10.300	12.0	158	45	206	12	I	F	U
AS-HF-10319-12-TC-	10.319	12.0	158	45	206	12	I	F	U
AS-HF-1050-12-TC-	10.500	12.0	158	45	206	12	I	F	U

For Example Ordering Code-
AS-HF-0800-12-TC-I For Coating Inoxacon
AS-HF-0800-12-TC-F For Coating Ferrecon
AS-HF-0800-12-TC-U For Coating Uncoated

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - HF LONG DRILL

P	●
M	●
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N	●
S	●
H	

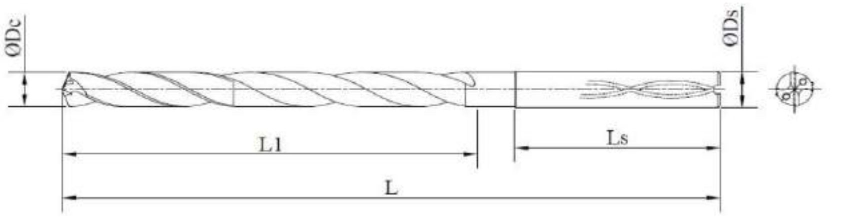
140°

12xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø20.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-HF-10716-12-TC-	10.716	12.0	158	45	206	12	I	F	U
AS-HF-1080-12-TC-	10.800	12.0	158	45	206	12	I	F	U
AS-HF-1100-12-TC-	11.000	12.0	158	45	206	12	I	F	U
AS-HF-1110-12-TC-	11.100	12.0	158	45	206	12	I	F	U
AS-HF-11113-12-TC-	11.113	12.0	158	45	206	12	I	F	U
AS-HF-1120-12-TC-	11.200	12.0	158	45	206	12	I	F	U
AS-HF-1140-12-TC-	11.400	12.0	158	45	206	12	I	F	U
AS-HF-1150-12-TC-	11.500	12.0	158	45	206	12	I	F	U
AS-HF-11509-12-TC-	11.509	12.0	158	45	206	12	I	F	U
AS-HF-1170-12-TC-	11.700	12.0	158	45	206	12	I	F	U
AS-HF-11906-12-TC-	11.906	12.0	158	45	206	12	I	F	U
AS-HF-1200-12-TC-	12.000	12.0	158	45	206	12	I	F	U
AS-HF-1210-12-TC-	12.100	14.0	182	45	230	12	I	F	U
AS-HF-1220-12-TC-	12.200	14.0	182	45	230	12	I	F	U
AS-HF-1230-12-TC-	12.300	14.0	182	45	230	12	I	F	U
AS-HF-1250-12-TC-	12.500	14.0	182	45	230	12	I	F	U
AS-HF-1260-12-TC-	12.600	14.0	182	45	230	12	I	F	U
AS-HF-1270-12-TC-	12.700	14.0	182	45	230	12	I	F	U
AS-HF-1300-12-TC-	13.000	14.0	182	45	230	12	I	F	U
AS-HF-1310-12-TC-	13.100	14.0	182	45	230	12	I	F	U
AS-HF-13494-12-TC-	13.494	14.0	182	45	230	12	I	F	U
AS-HF-1350-12-TC-	13.500	14.0	182	45	230	12	I	F	U
AS-HF-1400-12-TC-	14.000	14.0	182	45	230	12	I	F	U
AS-HF-14288-12-TC-	14.288	16.0	152	48	204	12	I	F	U
AS-HF-1450-12-TC-	14.500	16.0	152	48	204	12	I	F	U
AS-HF-1500-12-TC-	15.000	16.0	152	48	204	12	I	F	U
AS-HF-1550-12-TC-	15.500	16.0	152	48	204	12	I	F	U
AS-HF-15875-12-TC-	15.875	16.0	152	48	204	12	I	F	U
AS-HF-1600-12-TC-	16.000	16.0	152	48	204	12	I	F	U
AS-HF-1650-12-TC-	16.500	18.0	234	48	285	12	I	F	U
AS-HF-1700-12-TC-	17.000	18.0	234	48	285	12	I	F	U
AS-HF-1750-12-TC-	17.500	18.0	234	48	285	12	I	F	U
AS-HF-1800-12-TC-	18.000	18.0	234	48	285	12	I	F	U
AS-HF-1850-12-TC-	18.500	20.0	258	50	310	12	I	F	U
AS-HF-1900-12-TC-	19.000	20.0	258	50	310	12	I	F	U
AS-HF-1950-12-TC-	19.500	20.0	258	50	310	12	I	F	U
AS-HF-2000-12-TC-	20.000	20.0	258	50	310	12	I	F	U

For Example Ordering Code-
AS-HF-0800-12-TC-I For Coating Inoxacon
AS-HF-0800-12-TC-F For Coating Ferrecon
AS-HF-0800-12-TC-U For Coating Uncoated

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - HF LONG DRILL

P	●
M	●
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N	●
S	●
H	

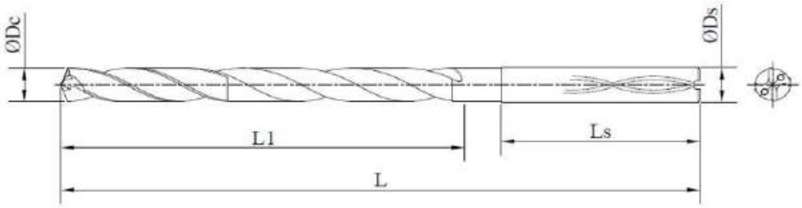
140°

16xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø14.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-HF-0300-16-TC-	3.000	6.0	57	36	95	16	I	F	U
AS-HF-03175-16-TC-	3.175	6.0	57	36	95	16	I	F	U
AS-HF-0320-16-TC-	3.200	6.0	57	36	95	16	I	F	U
AS-HF-0350-16-TC-	3.500	6.0	57	36	95	16	I	F	U
AS-HF-03572-16-TC-	3.572	6.0	57	36	95	16	I	F	U
AS-HF-0370-16-TC-	3.700	6.0	57	36	95	16	I	F	U
AS-HF-0390-16-TC-	3.900	6.0	78	36	118	16	I	F	U
AS-HF-03969-16-TC-	3.969	6.0	78	36	118	16	I	F	U
AS-HF-0400-16-TC-	4.000	6.0	78	36	118	16	I	F	U
AS-HF-04366-16-TC-	4.366	6.0	100	36	140	16	I	F	U
AS-HF-0440-16-TC-	4.400	6.0	100	36	140	16	I	F	U
AS-HF-0450-16-TC-	4.500	6.0	100	36	140	16	I	F	U
AS-HF-0470-16-TC-	4.700	6.0	100	36	140	16	I	F	U
AS-HF-04763-16-TC-	4.763	6.0	100	36	140	16	I	F	U
AS-HF-0480-16-TC-	4.800	6.0	100	36	140	16	I	F	U
AS-HF-0500-16-TC-	5.000	6.0	100	36	140	16	I	F	U
AS-HF-0510-16-TC-	5.100	6.0	110	36	150	16	I	F	U
AS-HF-05159-16-TC-	5.159	6.0	110	36	150	16	I	F	U
AS-HF-0550-16-TC-	5.500	6.0	120	36	160	16	I	F	U
AS-HF-0555-16-TC-	5.550	6.0	120	36	160	16	I	F	U
AS-HF-0580-16-TC-	5.800	6.0	120	36	160	16	I	F	U
AS-HF-0600-16-TC-	6.000	6.0	120	36	160	16	I	F	U
AS-HF-0610-16-TC-	6.100	8.0	135	36	175	16	I	F	U
AS-HF-0635-16-TC-	6.350	8.0	135	36	175	16	I	F	U
AS-HF-0650-16-TC-	6.500	8.0	135	36	175	16	I	F	U
AS-HF-0670-16-TC-	6.700	8.0	135	36	175	16	I	F	U
AS-HF-06747-16-TC-	6.747	8.0	135	36	175	16	I	F	U
AS-HF-0680-16-TC-	6.800	8.0	135	36	175	16	I	F	U
AS-HF-0700-16-TC-	7.000	8.0	135	36	175	16	I	F	U
AS-HF-07144-16-TC-	7.144	8.0	152	36	192	16	I	F	U
AS-HF-0740-16-TC-	7.400	8.0	152	36	192	16	I	F	U
AS-HF-0750-16-TC-	7.500	8.0	152	36	192	16	I	F	U
AS-HF-07541-16-TC-	7.541	8.0	152	36	192	16	I	F	U
AS-HF-07938-16-TC-	7.938	8.0	152	36	192	16	I	F	U
AS-HF-0800-16-TC-	8.000	8.0	152	36	192	16	I	F	U
AS-HF-0810-16-TC-	8.100	10.0	162	40	206	16	I	F	U
AS-HF-0820-16-TC-	8.200	10.0	162	40	206	16	I	F	U
AS-HF-0850-16-TC-	8.500	10.0	162	40	206	16	I	F	U
AS-HF-08731-16-TC-	8.731	10.0	162	40	206	16	I	F	U

For Example Ordering Code-
AS-HF-0800-16-TC-I For Coating Inoxacon
AS-HF-0800-16-TC-F For Coating Ferrecon
AS-HF-0800-16-TC-U For Coating Uncoated

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ISO 9001 : 2015

SOLID CARBIDE DRILL - HF LONG DRILL

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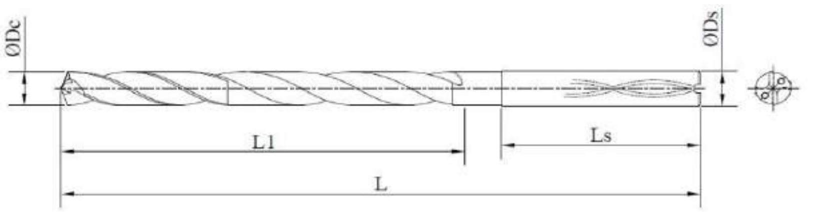
140° | 16xD | Dc m7 | Ds h6

Diameter Range
Ø3.0- Ø14.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-HF-0900-16-TC-	9.000	10.0	162	40	206	16	I	F	U
AS-HF-09128-16-TC-	9.128	10.0	180	40	224	16	I	F	U
AS-HF-0950-16-TC-	9.500	10.0	180	40	224	16	I	F	U
AS-HF-09525-16-TC-	9.525	10.0	180	40	224	16	I	F	U
AS-HF-0980-16-TC-	9.800	10.0	180	40	224	16	I	F	U
AS-HF-09922-16-TC-	9.922	10.0	180	40	224	16	I	F	U
AS-HF-1000-16-TC-	10.000	10.0	180	40	224	16	I	F	U
AS-HF-1010-16-TC-	10.100	12.0	198	45	248	16	I	F	U
AS-HF-1020-16-TC-	10.200	12.0	198	45	248	16	I	F	U
AS-HF-10319-16-TC-	10.319	12.0	198	45	248	16	I	F	U
AS-HF-1050-16-TC-	10.500	12.0	198	45	248	16	I	F	U
AS-HF-10716-16-TC-	10.716	12.0	198	45	248	16	I	F	U
AS-HF-1100-16-TC-	11.000	12.0	198	45	248	16	I	F	U
AS-HF-11113-16-TC-	11.113	12.0	216	45	265	16	I	F	U
AS-HF-1120-16-TC-	11.200	12.0	216	45	265	16	I	F	U
AS-HF-11509-16-TC-	11.509	12.0	216	45	265	16	I	F	U
AS-HF-11906-16-TC-	11.906	12.0	216	45	265	16	I	F	U
AS-HF-1200-16-TC-	12.000	12.0	216	45	265	16	I	F	U
AS-HF-1220-16-TC-	12.200	14.0	252	45	301	16	I	F	U
AS-HF-1250-16-TC-	12.500	14.0	252	45	301	16	I	F	U
AS-HF-1270-16-TC-	12.700	14.0	252	45	301	16	I	F	U
AS-HF-1300-16-TC-	13.000	14.0	252	45	301	16	I	F	U
AS-HF-13494-16-TC-	13.494	14.0	252	45	301	16	I	F	U
AS-HF-1350-16-TC-	13.500	14.0	252	45	301	16	I	F	U
AS-HF-1400-16-TC-	14.000	14.0	252	45	301	16	I	F	U

For Example Ordering Code-
AS-HF-0800-16-TC-I For Coating Inoxacon
AS-HF-0800-16-TC-F For Coating Ferrecon
AS-HF-0800-16-TC-U For Coating Uncoated

ACCUSHARP Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - MQ LONG DRILL

P	M	K	N	S	H
●	●	●	●	●	

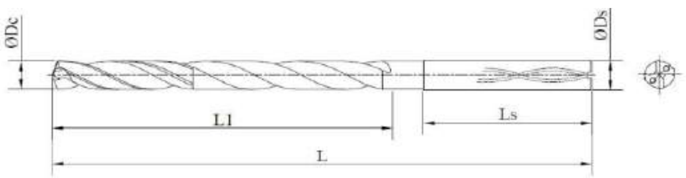
140°

20xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø12.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-MQ-0300-20-TC-	3.000	6.0	65	36	105	20	I	F	U
AS-MQ-03175-20-TC-	3.175	6.0	80	36	120	20	I	F	U
AS-MQ-0350-20-TC-	3.500	6.0	92	36	132	20	I	F	U
AS-MQ-03572-20-TC-	3.572	6.0	92	36	132	20	I	F	U
AS-MQ-03969-20-TC-	3.969	6.0	92	36	132	20	I	F	U
AS-MQ-0400-20-TC-	4.000	6.0	92	36	132	20	I	F	U
AS-MQ-0420-20-TC-	4.200	6.0	118	36	160	20	I	F	U
AS-MQ-0450-20-TC-	4.500	6.0	118	36	160	20	I	F	U
AS-MQ-04763-20-TC-	4.763	6.0	118	36	160	20	I	F	U
AS-MQ-0480-20-TC-	4.800	6.0	118	36	160	20	I	F	U
AS-MQ-0500-20-TC-	5.000	6.0	118	36	160	20	I	F	U
AS-MQ-0550-20-TC-	5.550	6.0	132	36	172	20	I	F	U
AS-MQ-05556-20-TC-	5.556	6.0	132	36	172	20	I	F	U
AS-MQ-0580-20-TC-	5.800	6.0	132	36	172	20	I	F	U
AS-MQ-0600-20-TC-	6.000	6.0	132	36	172	20	I	F	U
AS-MQ-0610-20-TC-	6.100	8.0	162	36	200	20	I	F	U
AS-MQ-0635-20-TC-	6.350	8.0	162	36	200	20	I	F	U
AS-MQ-0650-20-TC-	6.500	8.0	162	36	200	20	I	F	U
AS-MQ-0680-20-TC-	6.800	8.0	162	36	200	20	I	F	U
AS-MQ-0690-20-TC-	6.900	8.0	162	36	200	20	I	F	U
AS-MQ-0700-20-TC-	7.000	8.0	162	36	200	20	I	F	U
AS-MQ-07144-20-TC-	7.144	8.0	184	36	222	20	I	F	U
AS-MQ-0740-20-TC-	7.400	8.0	184	36	222	20	I	F	U
AS-MQ-0750-20-TC-	7.500	8.0	184	36	222	20	I	F	U
AS-MQ-07938-20-TC-	7.938	8.0	184	36	222	20	I	F	U
AS-MQ-0800-20-TC-	8.000	8.0	184	36	222	20	I	F	U
AS-MQ-0830-20-TC-	8.300	10.0	198	40	240	20	I	F	U
AS-MQ-0840-20-TC-	8.400	10.0	198	40	240	20	I	F	U
AS-MQ-0850-20-TC-	8.500	10.0	198	40	240	20	I	F	U
AS-MQ-08731-20-TC-	8.731	10.0	198	40	240	20	I	F	U
AS-MQ-0880-20-TC-	8.800	10.0	198	40	240	20	I	F	U
AS-MQ-0890-20-TC-	8.900	10.0	198	40	240	20	I	F	U
AS-MQ-0900-20-TC-	9.000	10.0	198	40	240	20	I	F	U
AS-MQ-09525-20-TC-	9.525	10.0	220	40	262	20	I	F	U
AS-MQ-0980-20-TC-	9.800	10.0	220	40	262	20	I	F	U
AS-MQ-1000-20-TC-	10.000	10.0	220	40	262	20	I	F	U
AS-MQ-1020-20-TC-	10.200	12.0	242	45	289	20	I	F	U
AS-MQ-10319-20-TC-	10.319	12.0	242	45	289	20	I	F	U
AS-MQ-1100-20-TC-	11.000	12.0	242	45	289	20	I	F	U
AS-MQ-11113-20-TC-	11.113	12.0	264	45	312	20	I	F	U
AS-MQ-1120-20-TC-	11.200	12.0	264	45	312	20	I	F	U
AS-MQ-1140-20-TC-	11.400	12.0	264	45	312	20	I	F	U
AS-MQ-1150-20-TC-	11.500	12.0	264	45	312	20	I	F	U
AS-MQ-1170-20-TC-	11.700	12.0	264	45	312	20	I	F	U
AS-MQ-1180-20-TC-	11.800	12.0	264	45	312	20	I	F	U
AS-MQ-1190-20-TC-	11.900	12.0	264	45	312	20	I	F	U
AS-MQ-1200-20-TC-	12.000	12.0	264	45	312	20	I	F	U

For Example Ordering Code-
AS-MQ-0800-20-TC-I For Coating Inoxacon
AS-MQ-0800-20-TC-F For Coating Ferrecon
AS-MQ-0800-20-TC-U For Coating Uncoated

ACCUSHARP Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

SOLID CARBIDE DRILL - MQ LONG DRILL

P	●
M	●
K	●
N	●
S	●
H	

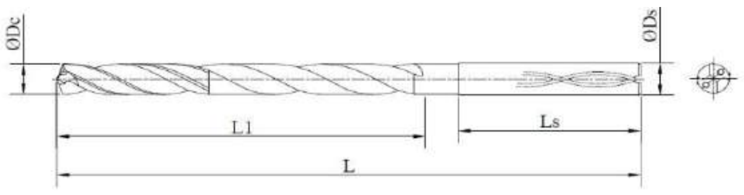
140°

25xD

Dc m7

Ds h6

Diameter Range Ø3.0- Ø10.0



Internal Coolant Supply	Drilling Data						Coating		
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
AS-MQ-0300-25-TC-	3.000	6.0	84	36	125	25	I	F	U
AS-MQ-03175-25-TC-	3.175	6.0	102	36	148	25	I	F	U
AS-MQ-0350-25-TC-	3.500	6.0	114	36	148	25	I	F	U
AS-MQ-03572-25-TC-	3.572	6.0	114	36	148	25	I	F	U
AS-MQ-03969-25-TC-	3.969	6.0	114	36	148	25	I	F	U
AS-MQ-0400-25-TC-	4.000	6.0	114	36	148	25	I	F	U
AS-MQ-0420-25-TC-	4.200	6.0	145	36	185	25	I	F	U
AS-MQ-0450-25-TC-	4.500	6.0	145	36	185	25	I	F	U
AS-MQ-04763-25-TC-	4.763	6.0	145	36	185	25	I	F	U
AS-MQ-0480-25-TC-	4.800	6.0	145	36	185	25	I	F	U
AS-MQ-0500-25-TC-	5.000	6.0	145	36	185	25	I	F	U
AS-MQ-0550-25-TC-	5.550	6.0	174	36	214	25	I	F	U
AS-MQ-05556-25-TC-	5.556	6.0	174	36	214	25	I	F	U
AS-MQ-0580-25-TC-	5.800	6.0	174	36	214	25	I	F	U
AS-MQ-0600-25-TC-	6.000	6.0	174	36	214	25	I	F	U
AS-MQ-0610-25-TC-	6.100	8.0	194	36	234	25	I	F	U
AS-MQ-0635-25-TC-	6.350	8.0	194	36	234	25	I	F	U
AS-MQ-0650-25-TC-	6.500	8.0	194	36	234	25	I	F	U
AS-MQ-0680-25-TC-	6.800	8.0	194	36	234	25	I	F	U
AS-MQ-0690-25-TC-	6.900	8.0	194	36	234	25	I	F	U
AS-MQ-0700-25-TC-	7.000	8.0	194	36	234	25	I	F	U
AS-MQ-07144-25-TC-	7.144	8.0	220	36	260	25	I	F	U
AS-MQ-0740-25-TC-	7.400	8.0	220	36	260	25	I	F	U
AS-MQ-0750-25-TC-	7.500	8.0	220	36	260	25	I	F	U
AS-MQ-07938-25-TC-	7.938	8.0	220	36	260	25	I	F	U
AS-MQ-0800-25-TC-	8.000	8.0	220	36	260	25	I	F	U
AS-MQ-0830-25-TC-	8.300	10.0	243	40	289	25	I	F	U
AS-MQ-0840-25-TC-	8.400	10.0	243	40	289	25	I	F	U
AS-MQ-0850-25-TC-	8.500	10.0	243	40	289	25	I	F	U
AS-MQ-08731-25-TC-	8.731	10.0	243	40	289	25	I	F	U
AS-MQ-0880-25-TC-	8.800	10.0	243	40	289	25	I	F	U
AS-MQ-0890-25-TC-	8.900	10.0	243	40	289	25	I	F	U
AS-MQ-0900-25-TC-	9.000	10.0	243	40	289	25	I	F	U
AS-MQ-09525-25-TC-	9.525	10.0	270	40	314	25	I	F	U
AS-MQ-0980-25-TC-	9.800	10.0	270	40	314	25	I	F	U
AS-MQ-1000-25-TC-	10.000	10.0	270	40	314	25	I	F	U

For Example Ordering Code-
AS-MQ-0800-25-TC-I For Coating Inoxacon
AS-MQ-0800-25-TC-F For Coating Ferrecon
AS-MQ-0800-25-TC-U For Coating Uncoated

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE DRILL - MQ LONG DRILL

P	●
M	●
K	●
N	●
S	●
H	

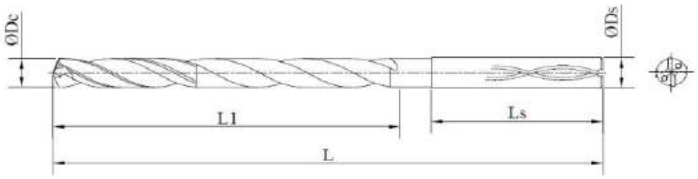
140°

30xD

Dc m7

Ds h6

Diameter Range
Ø3.0- Ø9.0



	Internal Coolant Supply	Drilling Data						Coating		
	Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	InoxaCon	FerroCon	Uncoated
	AS-MQ-0300-30-TC-	3.000	6	97	36	135	30	I	F	U
	AS-MQ-03175-30-TC-	3.175	6	120	36	166	30	I	F	U
	AS-MQ-0350-30-TC-	3.500	6	133	36	166	30	I	F	U
	AS-MQ-03572-30-TC-	3.572	6	133	36	166	30	I	F	U
	AS-MQ-03969-30-TC-	3.969	6	133	36	166	30	I	F	U
	AS-MQ-0400-30-TC-	4.000	6	133	36	166	30	I	F	U
	AS-MQ-0420-30-TC-	4.200	6	170	36	210	30	I	F	U
	AS-MQ-0450-30-TC-	4.500	6	170	36	210	30	I	F	U
	AS-MQ-04763-30-TC-	4.763	6	170	36	210	30	I	F	U
	AS-MQ-0480-30-TC-	4.800	6	170	36	210	30	I	F	U
	AS-MQ-0500-30-TC-	5.000	6	170	36	210	30	I	F	U
	AS-MQ-05556-30-TC-	5.556	6	187	36	225	30	I	F	U
	AS-MQ-0580-30-TC-	5.800	6	204	36	242	30	I	F	U
	AS-MQ-0600-30-TC-	6.000	6	204	36	242	30	I	F	U
	AS-MQ-0610-30-TC-	6.100	8	228	36	268	30	I	F	U
	AS-MQ-0635-30-TC-	6.350	8	228	36	268	30	I	F	U
	AS-MQ-0650-30-TC-	6.500	8	228	36	268	30	I	F	U
	AS-MQ-0680-30-TC-	6.800	8	228	36	268	30	I	F	U
	AS-MQ-0690-30-TC-	6.900	8	228	36	268	30	I	F	U
	AS-MQ-0700-30-TC-	7.000	8	228	36	268	30	I	F	U
	AS-MQ-07144-30-TC-	7.144	8	256	36	294	30	I	F	U
	AS-MQ-0740-30-TC-	7.400	8	256	36	294	30	I	F	U
	AS-MQ-0750-30-TC-	7.500	8	256	36	294	30	I	F	U
	AS-MQ-07938-30-TC-	7.938	8	256	36	294	30	I	F	U
	AS-MQ-0800-30-TC-	8.000	8	256	36	294	30	I	F	U
	AS-MQ-0830-30-TC-	8.300	10	287	40	330	30	I	F	U
	AS-MQ-0840-30-TC-	8.400	10	287	40	330	30	I	F	U
	AS-MQ-0850-30-TC-	8.500	10	287	40	330	30	I	F	U
	AS-MQ-08731-30-TC-	8.731	10	287	40	330	30	I	F	U
	AS-MQ-0880-30-TC-	8.800	10	287	40	330	30	I	F	U
	AS-MQ-0890-30-TC-	8.900	10	287	40	330	30	I	F	U
	AS-MQ-0900-30-TC-	9.000	10	287	40	330	30	I	F	U

For Example Ordering Code-
AS-MQ-0800-30-TC-I For Coating Inoxacon
AS-MQ-0800-30-TC-F For Coating Ferrecon
AS-MQ-0800-30-TC-U For Coating Uncoated

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SOLID CARBIDE DRILL - BURNISHING DRILL

P	
M	
K	●
N	●
S	
H	

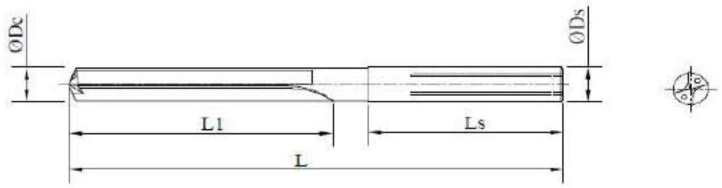
120°

5,7,10xD

Dc m7

Ds h6

Diameter Range
Ø4.0- Ø16.0



Internal Coolant Supply	Drilling Data						Coating	
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	FerroCon	Uncoated
AS-BD-0400-05-TC-	4.00	6.0	36	36	75	5	F	U
AS-BD-0500-05-TC-	5.00	6.0	36	36	75	5	F	U
AS-BD-0600-05-TC-	6.00	6.0	36	36	75	5	F	U
AS-BD-0680-05-TC-	6.80	8.0	55	36	93	5	F	U
AS-BD-0700-05-TC-	7.00	8.0	55	36	93	5	F	U
AS-BD-0800-05-TC-	8.00	8.0	55	36	93	5	F	U
AS-BD-0850-05-TC-	8.50	10.0	60	40	105	5	F	U
AS-BD-0900-05-TC-	9.00	10.0	60	40	105	5	F	U
AS-BD-1000-05-TC-	10.00	10.0	60	40	105	5	F	U
AS-BD-1020-05-TC-	10.20	12.0	73	45	123	5	F	U
AS-BD-1050-05-TC-	10.50	12.0	73	45	123	5	F	U
AS-BD-1100-05-TC-	11.00	12.0	73	45	123	5	F	U
AS-BD-1200-05-TC-	12.00	12.0	73	45	123	5	F	U
AS-BD-1250-05-TC-	12.50	14.0	85	45	133	5	F	U
AS-BD-1300-05-TC-	13.00	14.0	85	45	133	5	F	U
AS-BD-1350-05-TC-	13.50	14.0	85	45	133	5	F	U
AS-BD-1400-05-TC-	14.00	14.0	85	45	133	5	F	U
AS-BD-1450-05-TC-	14.50	16.0	93	48	145	5	F	U
AS-BD-1500-05-TC-	15.00	16.0	93	48	145	5	F	U
AS-BD-1600-05-TC-	16.00	16.0	93	48	145	5	F	U
	L/D 7 RATIO DRILL							
AS-BD-0400-07-TC-	4.00	6.0	57	36	97	7	F	U
AS-BD-0500-07-TC-	5.00	6.0	57	36	97	7	F	U
AS-BD-0600-07-TC-	6.00	6.0	57	36	97	7	F	U
AS-BD-0680-07-TC-	6.80	8.0	69	36	107	7	F	U
AS-BD-0700-07-TC-	7.00	8.0	69	36	107	7	F	U
AS-BD-0800-07-TC-	8.00	8.0	69	36	107	7	F	U
AS-BD-0850-07-TC-	8.50	10.0	95	40	139	7	F	U
AS-BD-0900-07-TC-	9.00	10.0	95	40	139	7	F	U
AS-BD-1000-07-TC-	10.00	10.0	95	40	139	7	F	U
AS-BD-1020-07-TC-	10.20	12.0	114	45	161	7	F	U
AS-BD-1050-07-TC-	10.50	12.0	114	45	161	7	F	U
AS-BD-1100-07-TC-	11.00	12.0	114	45	161	7	F	U
AS-BD-1200-07-TC-	12.00	12.0	114	45	161	7	F	U
AS-BD-1250-07-TC-	12.50	14.0	135	45	185	7	F	U
AS-BD-1300-07-TC-	13.00	14.0	135	45	185	7	F	U
AS-BD-1350-07-TC-	13.50	14.0	135	45	185	7	F	U
AS-BD-1400-07-TC-	14.00	14.0	135	45	185	7	F	U
AS-BD-1450-07-TC-	14.50	16.0	152	48	205	7	F	U
AS-BD-1500-07-TC-	15.00	16.0	152	48	205	7	F	U
AS-BD-1600-07-TC-	16.00	16.0	152	48	205	7	F	U

For Example Ordering Code-
AS-BD-0800-07-TC-F For Coating Ferrecon
AS-BD-0800-07-TC-U For Coating Uncoated

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SOLID CARBIDE DRILL - BURNISHING DRILL

P	
M	
K	●
N	●
S	
H	

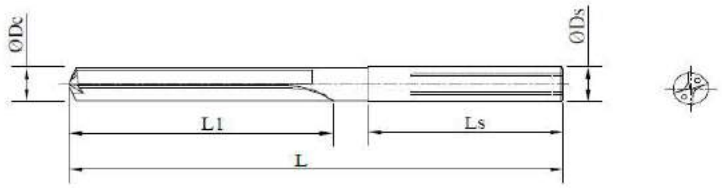
120°

5,7,10xD

Dc m7

Ds h6

Diameter Range Ø4.0- Ø16.0



Internal Coolant Supply	Drilling Data						Coating	
Ordering Code	ØDc	ØDs	L1	Ls	L	L/D Ratio	FerroCon	Uncoated
	L/D 10 RATIO DRILL							
AS-BD-0400-10-TC-	4.00	6.0	82	36	121	10	F	U
AS-BD-0500-10-TC-	5.00	6.0	82	36	121	10	F	U
AS-BD-0600-10-TC-	6.00	6.0	82	36	121	10	F	U
AS-BD-0680-10-TC-	6.80	8.0	106	36	146	10	F	U
AS-BD-0700-10-TC-	7.00	8.0	106	36	146	10	F	U
AS-BD-0800-10-TC-	8.00	8.0	106	36	146	10	F	U
AS-BD-0850-10-TC-	8.50	10.0	135	40	180	10	F	U
AS-BD-0900-10-TC-	9.00	10.0	135	40	180	10	F	U
AS-BD-1000-10-TC-	10.00	10.0	135	40	180	10	F	U
AS-BD-1020-10-TC-	10.20	12.0	160	45	210	10	F	U
AS-BD-1050-10-TC-	10.50	12.0	160	45	210	10	F	U
AS-BD-1100-10-TC-	11.00	12.0	160	45	210	10	F	U
AS-BD-1200-10-TC-	12.00	12.0	160	45	210	10	F	U
AS-BD-1250-10-TC-	12.50	14.0	183	45	233	10	F	U
AS-BD-1300-10-TC-	13.00	14.0	183	45	233	10	F	U
AS-BD-1350-10-TC-	13.50	14.0	183	45	233	10	F	U
AS-BD-1400-10-TC-	14.00	14.0	183	45	233	10	F	U
AS-BD-1450-10-TC-	14.50	16.0	207	48	260	10	F	U
AS-BD-1500-10-TC-	15.00	16.0	207	48	260	10	F	U
AS-BD-1600-10-TC-	16.00	16.0	207	48	260	10	F	U

For Example Ordering Code-
AS-BD-0800-07-TC-F For Coating Ferrecon
AS-BD-0800-07-TC-U For Coating Uncoated

ACCUSHARP Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

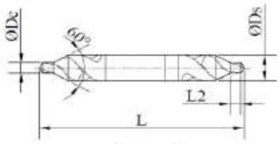
SOLID CARBIDE DRILL - CENTER DRILL

P	M	K	N	S	H
●	●	●	●	●	○

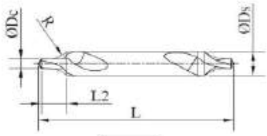
118° | 1xD | Dc m7 | Ds h6

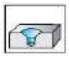
Diameter Range
Ø1.0- Ø8.0

FORM -A TYPE

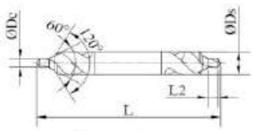


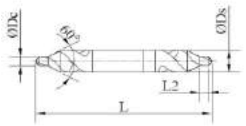
FORM -R TYPE



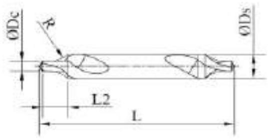


FORM -B TYPE

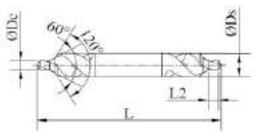




External Coolant Supply	Center Drill -A TYPE					Coating	
Ordering Code	ØDc	ØDs	L2 ± 0.2	L	Step Angle	InoxaCon	Uncoated
AS-CD-1.0X3.15-A-	1.00	3.15	1.5	40	60°	I	U
AS-CD-1.25X3.15-A-	1.25	3.15	1.8	40	60°	I	U
AS-CD-1.6X4.00-A-	1.60	4.00	2.4	40	60°	I	U
AS-CD-2.0X5.00-A-	2.00	5.00	2.8	40	60°	I	U
AS-CD-2.5X6.30-A-	2.50	6.30	3.5	45	60°	I	U
AS-CD-3.15X8.00-A-	3.15	8.00	4.3	50	60°	I	U
AS-CD-4.0X10.00-A-	4.00	10.00	5.5	55	60°	I	U
AS-CD-5.0X12.50-A-	5.00	12.50	6.8	63	60°	I	U
AS-CD-6.3X16.00-A-	6.30	16.00	16.3	71	60°	I	U
AS-CD-8.0X20.00-A-	8.00	20.00	20.4	80	60°	I	U



External Coolant Supply	Center Drill -R TYPE					Coating	
Ordering Code	ØDc	ØDs	L2 ± 0.2	L	R	InoxaCon	Uncoated
AS-CD-1.0X3.15-R-	1.00	3.15	3.15	40	2.90-3.70	I	U
AS-CD-1.25X3.15-R-	1.25	3.15	3.45	40	3.15-3.95	I	U
AS-CD-1.6X4.00-R-	1.60	4.00	4.5	40	4.00-5.00	I	U
AS-CD-2.0X5.00-R-	2.00	5.00	5.2	40	5.00-6.25	I	U
AS-CD-2.5X6.30-R-	2.50	6.30	6.5	45	6.30-7.90	I	U
AS-CD-3.15X8.00-R-	3.15	8.00	8.25	50	8.00-10.00	I	U
AS-CD-4.0X10.00-R-	4.00	10.00	10.3	55	10.00-12.50	I	U
AS-CD-5.0X12.50-R-	5.00	12.50	12.8	63	12.50-15.65	I	U
AS-CD-6.3X16.00-R-	6.30	16.00	16.3	71	16.00-20.00	I	U
AS-CD-8.0X20.00-R-	8.00	20.00	20.4	80	20.00-25.00	I	U



External Coolant Supply	Center Drill -B TYPE					Coating	
Ordering Code	ØDc	ØDs	L2 ± 0.2	L	Step Angle	InoxaCon	Uncoated
AS-CD-1.0X4.00-B-	1.00	4.00	1.5	40	60°/120°	I	U
AS-CD-1.25X5.00-B-	1.25	5.00	1.8	40	60°/120°	I	U
AS-CD-1.6X6.30-B-	1.60	6.30	2.4	45	60°/120°	I	U
AS-CD-2.0X8.00-B-	2.00	8.00	2.8	50	60°/120°	I	U
AS-CD-2.5X10.00-B-	2.50	10.00	3.5	56	60°/120°	I	U
AS-CD-3.15X11.20-B-	3.15	11.20	4.3	60	60°/120°	I	U
AS-CD-4.0X14.00-B-	4.00	14.00	5.5	67	60°/120°	I	U
AS-CD-5.0X18.00-B-	5.00	18.00	6.8	75	60°/120°	I	U
AS-CD-6.3X20.00-B-	6.30	20.00	16.3	80	60°/120°	I	U
AS-CD-8.0X25.00-B-	8.00	25.00	20.4	100	60°/120°	I	U

For Example Ordering Code-
AS-CD-3.15X8.00-A-U For Uncoated
AS-CD-3.15X8.00-R-U For Uncoated
AS-CD-3.15X8.00-B-I For Inoxocon

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Selecting your cutting data

Chip formation and chip evacuation are critical issues in drilling and depend on the workpiece material, choice of drill/insert geometry, coolant pressure/volume and cutting data.
Chip jamming can cause radial movement of the drill and consequently affect hole quality, drill life and reliability or drill/insert breakages. Chip formation is acceptable when the chips can be evacuated from the drill without disturbance. The best way to identify this is to listen during drilling. A consistent sound means that chip evacuation is good, but an interrupted sound indicates chip jamming. Check the feed force or power monitor. If there are irregularities, chip jamming could be the reason. Look at the chips: if they are long and bent, instead of curled, chip jamming has occurred. Look at the hole: if chip jamming has occurred, an uneven surface will be visible.

Effects of cutting speed – vc

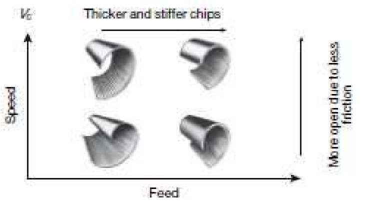
Cutting speed that is too high:
Rapid flank wear
Plastic deformation
Poor hole quality and bad hole tolerance

Cutting speed that is too low:
Built-up edge
Bad chip evacuation
Longer time in cut

Effects of feed – fn

High feed rate:
Harder chip breaking
Less time in cut
Less tool wear but increased risk for drill breakages
Reduced hole quality

Low feed rate:
Preferable for long-chipping materials
Quality improvement
Accelerated tool wear
Longer time in cut



Achieving good hole quality

Chip evacuation
Make sure chip evacuation is satisfactory. Chip jamming affects hole quality and reliability/tool life. Drill/insert geometry and cutting data are crucial

Stability, tool set-up
Use the shortest possible drill. Use a rigid and accurate tool holder with minimum run-out. Make sure the machine spindle is in good condition and is well-aligned. Ensure that the component is fixed and stable. Establish correct feed rates for irregular, angular surfaces and cross holes.

Cutting Parameters for SOLID CARBIDE - GENERAL PURPOSE DRILL

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	3	4	6	8	10	12	16	20
		Unalloyed steel		(min max)	Feed fn mm/r (min max)							
P	P1.1.Z.AN	C = 0.05-0.10%	125	120 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P1.1.Z.AN	C = 0.1-0.25%	125	120 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P1.2.Z.AN	C = 0.25-0.55%	150	100 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P1.3.Z.AN	C = 0.55-0.80%	170	100 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
		High carbon steel										
	P1.3.Z.AN	Carbon tool steel	210	100 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
		Low alloy steel										
	P2.1.Z.AN	Non hardened	175	100 150	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P2.5.Z.HT.1	Hardenend and tempered	275	80 120	0.06 0.11	0.08 0.13	0.08 0.15	0.15 0.23	0.13 0.25	0.15 0.30	0.18 0.32	0.21 0.34
	P2.5.Z.HT.2	Hardenend and tempered	350	60 120	0.06 0.11	0.08 0.13	0.08 0.15	0.15 0.23	0.13 0.25	0.15 0.30	0.18 0.32	0.21 0.34
		High alloy steel										
	P3.0.Z.AN	Annealed	200	60 85	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P3.0.Z.HT.1	Hardened tool steel	300	60 85	0.06 0.11	0.08 0.13	0.08 0.15	0.15 0.23	0.13 0.25	0.15 0.30	0.18 0.32	0.21 0.34
		Steel castings										
	P1.5.C.UT	Unalloyed steel	150	60 85	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35
	P2.6.C.UT	Low alloyed (alloying elements < 5%)	200	60 85	0.06 0.14	0.08 0.12	0.13 0.20	0.15 0.23	0.18 0.27	0.20 0.30	0.20 0.35	0.24 0.35

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm 3	4	6	8	10	12	16	20
		Stainless steel		(min max)	Feed fn mm/r (min max)							
M	M1.0.Z.AQ	Austenitic	200	25 40	0.08 0.12	0.08 0.12	0.10 0.15	0.15 0.21	0.20 0.28	0.20 0.28	0.25 0.34	0.28 0.35
	M2.0.Z.AQ	Super austenitic Ni>20%	200	25 40	0.08 0.12	0.08 0.12	0.10 0.15	0.15 0.21	0.20 0.28	0.20 0.28	0.25 0.34	0.28 0.35
	M3.1.Z.AQ	Duplex (austenitic/ferritic)	230	25 40	0.06 0.08	0.06 0.08	0.08 0.12	0.10 0.16	0.12 0.19	0.15 0.21	0.20 0.32	0.20 0.25
	M3.2.Z.AQ	Duplex (austenitic/ferritic)	260	22 35	0.06 0.08	0.06 0.08	0.08 0.12	0.10 0.16	0.12 0.19	0.15 0.21	0.20 0.32	0.20 0.25
	M1.0.C.UT	Austenitic	200	25 40	0.08 0.12	0.08 0.12	0.10 0.15	0.15 0.21	0.20 0.28	0.20 0.28	0.25 0.34	0.28 0.35
	M2.0.C.AQ	Super austenitic Ni>20%	200	25 40	0.08 0.12	0.08 0.12	0.10 0.15	0.15 0.21	0.20 0.28	0.20 0.28	0.25 0.34	0.28 0.35
	M3.1.C.AQ	Ferritic	230	22 35	0.06 0.08	0.06 0.08	0.08 0.12	0.10 0.16	0.12 0.19	0.15 0.21	0.20 0.32	0.20 0.25

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm 3	4	6	8	10	12	16	20
		Malleable cast iron		(min max)	Feed fn mm/r (min max)							
K	K1.1.C.NS	Ferritic Pearlitic	200	70 110	0.08 0.12	0.10 0.14	0.10 0.17	0.15 0.22	0.18 0.27	0.20 0.30	0.22 0.36	0.25 0.37
		Grey cast iron										
	K2.1.C.UT	Low tensile strength	180	90 130	0.08 0.18	0.12 0.21	0.14 0.25	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
	K2.2.C.UT	High tensile strength	245	70 110	0.08 0.12	0.10 0.14	0.10 0.17	0.15 0.22	0.18 0.27	0.20 0.30	0.22 0.36	0.25 0.37
	K2.3.C.UT	High tensile strength	175	90 130	0.08 0.18	0.12 0.21	0.14 0.25	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
		Nodular cast iron										
	K3.1.C.UT	Ferritic	155	90 130	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
	K3.2.C.UT	Pearlitic	215	70 110	0.07 0.14	0.10 0.16	0.13 0.18	0.17 0.25	0.18 0.32	0.21 0.33	0.22 0.36	0.25 0.37
	K3.3.C.UT	Pearlitic	265	90 130	0.07 0.14	0.10 0.16	0.13 0.18	0.17 0.25	0.18 0.32	0.21 0.33	0.22 0.36	0.25 0.37
	K3.5.C.UT	Pearlitic	190	90 130	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
	K5.1.C.UT	ADI	300	50 90	0.07 0.14	0.10 0.16	0.13 0.18	0.17 0.25	0.18 0.32	0.21 0.33	0.22 0.36	0.25 0.37

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	Drill diameter, mm 3	4	6	8	10	12	16	20
		Heat resistant super alloy - Nickel base		(min max)	Feed fn mm/r (min max)							
s	S2.0.Z.AN	Annealed or solution treated	250	15-20-25	0.05 0.09	0.05 0.09	0.05 0.09	0.08 0.12	0.08 0.12	0.09 0.14	0.09 0.14	0.09 0.14
	S2.0.Z.AG	Aged or solution treated and aged	350	10-15-20	0.05 0.09	0.05 0.09	0.05 0.09	0.08 0.12	0.08 0.12	0.09 0.14	0.09 0.14	0.09 0.14
	S2.0.C.NS	Cast or cast and aged	320	10-15-20	0.05 0.09	0.05 0.09	0.05 0.09	0.08 0.12	0.08 0.12	0.09 0.14	0.09 0.14	0.09 0.14
		Titanium alloys										
	S4.1.Z.UT		200	40-50-60	0.05 0.11	0.05 0.11	0.05 0.11	0.07 0.14	0.09 0.15	0.11 0.18	0.15 0.22	0.18 0.27
	S4.2.Z.AN	Annealed	180	40-50-60	0.05 0.11	0.05 0.11	0.05 0.11	0.07 0.14	0.09 0.15	0.11 0.18	0.15 0.22	0.18 0.27
	S4.3.Z.AG	Alloys in aged condition	245	30-40-50	0.05 0.11	0.05 0.11	0.05 0.11	0.07 0.14	0.09 0.15	0.11 0.18	0.15 0.22	0.18 0.27

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	**Drill diameter, mm** 3	4	6	8	10	12	16	20
		Aluminium based alloys		(min max)	Feed fn mm/r (min max)							
N	N1.2.Z.UT	Commercial pure	60	170-225-280	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.27	0.25 0.37	0.20 0.30	0.22 0.36	0.25 0.37
	N1.2.Z.AG	Alsi alloys, Si < 1 %	100	170-225-280	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.27	0.25 0.37	0.20 0.30	0.22 0.36	0.25 0.37
	N1.3.C.UT	Cast, non-aging	75	170-225-280	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
	N1.3.C.AG	Cast or cast and aged	90	160-200-240	0.08 0.12	0.10 0.14	0.10 0.17	0.15 0.22	0.18 0.27	0.20 0.30	0.22 0.36	0.25 0.37
	N1.4.C.NS	AlSi cast alloys, Si > 13%	130	120-150-180	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
		Copper based alloys										
	N3.3.U.UT	Free cutting copper based alloys (Pb>1%)	110	110-140-170	0.10 0.15	0.10 0.16	0.15 0.22	0.18 0.25	0.23 0.36	0.27 0.39	0.30 0.47	0.33 0.50
	N3.1.U.UT	Non-leaded copper alloys (incl. electrolytic copper)	100	100-125-150	0.08 0.12	0.10 0.14	0.10 0.17	0.15 0.22	0.18 0.27	0.20 0.30	0.22 0.36	0.25 0.37

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	**Drill diameter, mm** 3	4	6	8	10	12	16	20
H		**Extra hard steel**		(min max)	Feed fn mm/r (min max)							
	H1.3.Z.HA	Hardened and tempered	43-47 HRC	15-20-25	0.06 0.10	0.06 0.10	0.06 0.10	0.06 0.10	0.10 0.15	0.08 0.12	0.10 0.15	0.10 0.15
	H1.3.Z.HA		47-60 HRC	15-20-25	0.06 0.10	0.06 0.10	0.06 0.10	0.06 0.10	0.10 0.15	0.08 0.12	0.10 0.15	0.10 0.15
	H1.1.Z.HA	Hardended and tempered	50 HRC	15-20-25	0.06 0.10	0.06 0.10	0.06 0.10	0.06 0.10	0.10 0.15	0.08 0.12	0.10 0.15	0.10 0.15
	H2.0.C.UT.4	Chilled cast iron	64HRC	12-15-18	0.06 0.10	0.06 0.10	0.06 0.10	0.06 0.10	0.10 0.15	0.08 0.12	0.10 0.15	0.10 0.15

Cutting data recommendations are valid for internal coolant supply, which gives the best performance.
Preferred pressure min. 15 bar
If external coolant supply is used:
More important to adjust cutting data for good chip form and evacuation
Lower penetration rates than what is possible with internal coolant may be necessary

Cutting Parameters for SOLID CARBIDE DRILL - HF LONG DRILL L/D 12 ~ 16

Internal coolant supply, metric values

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	Drill diameter, mm: 3	4	6	8	10	12	16	20
P		**Unalloyed steel**		(min max)	Feed fn mm/r (min max)							
	P1.1.Z.AN	C = 0.1-0.25%	125	60 - 120	0.06 0.13	0.08 0.15	0.11 0.18	0.13 0.20	0.17 0.22	0.2 0.25	0.22 0.27	0.27 0.33
	P1.2.Z.AN	C = 0.25-0.55%	190	60 - 120	0.06 0.13	0.08 0.15	0.11 0.18	0.13 0.20	0.17 0.22	0.2 0.25	0.22 0.27	0.27 0.33
		Low alloy steel										
	P2.1.Z.AN	Non hardened	175	45 - 100	0.06 0.13	0.08 0.15	0.11 0.18	0.13 0.20	0.17 0.22	0.2 0.25	0.22 0.27	0.27 0.33
	P2.5.Z.HT.1	Hardenend and tempered	330	45 - 100	0.06 0.13	0.08 0.15	0.11 0.18	0.13 0.20	0.17 0.22	0.2 0.25	0.22 0.27	0.27 0.33
		High alloy steel										
	P3.0.Z.AN	Annealed	200	50 -110	0.06 0.13	0.08 0.15	0.13 0.20	0.13 0.20	0.17 0.25	0.2 0.28	0.2 0.35	0.20 0.38

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm: 3	4	6	8	10	12	16	20
M		**Stainless steel**		(min max)	Feed fn mm/r (min max)							
	M1.0.Z.AQ	Austenitic	200	18 - 40	0.05 0.09	0.05 0.09	0.06 0.11	0.08 0.13	0.13 0.20	0.16 0.23	0.18 0.27	0.20 0.32
	M2.0.Z.AQ	Super austenitic Ni>20%	200	20 - 35	0.05 0.09	0.05 0.09	0.06 0.11	0.08 0.13	0.13 0.20	0.16 0.23	0.18 0.27	0.20 0.32
	M3.2.Z.AQ	Duplex (austenitic/ferritic)	260	15 - 30	0.05 0.09	0.05 0.09	0.06 0.11	0.08 0.13	0.13 0.20	0.16 0.23	0.18 0.27	0.20 0.32

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm: 3	4	6	8	10	12	16	20
K		**Malleable cast iron**		(min max)	Feed fn mm/r (min max)							
	K1.1.C.NS	Ferritic Pearlitic	200	50 - 80	0.08 0.11	0.10 0.12	0.10 0.15	0.12 0.20	0.20 0.30	0.22 0.30	0.22 0.35	0.22 0.35
		Grey cast iron										
	K2.1.C.UT	Low tensile strength	180	80 - 120	0.09 0.12	0.10 0.12	0.15 0.25	0.15 0.26	0.25 0.35	0.25 0.40	0.34 0.43	0.34 0.43
	K2.2.C.UT	High tensile strength	245	50 - 80	0.08 0.11	0.10 0.12	0.10 0.15	0.12 0.20	0.20 0.30	0.22 0.30	0.22 0.35	0.22 0.35
		Nodular cast iron										
	K3.1.C.UT	Ferritic	155	100-120-140	0.08 0.11	0.10 0.12	0.16 0.22	0.16 0.25	0.25 0.35	0.25 0.40	0.34 0.43	0.34 0.43
	K3.3.C.UT	Pearlitic	265	100-120-140	0.08 0.11	0.10 0.12	0.12 0.18	0.16 0.25	0.20 0.30	0.24 0.36	0.22 0.35	0.22 0.35

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	**Drill diameter, mm**: 3	4	6	8	10	12	16	20
N		**Aluminium based alloys**		(min max)	Feed fn mm/r (min max)							
	N1.2.Z.UT	Commercial pure	60	170-225-280	0.10 0.15	0.12 0.18	0.15 0.22	0.16 0.25	0.25 0.35	0.22 0.35	0.22 0.35	0.25 0.40
	N1.2.Z.AG	Alsi alloys, Si < 1 %	100	170-225-280	0.10 0.15	0.12 0.18	0.15 0.22	0.16 0.25	0.25 0.35	0.22 0.35	0.22 0.35	0.25 0.40
	N1.3.C.AG	Cast or cast and aged	90	160-200-240	0.08 0.12	0.10 0.14	0.10 0.16	0.12 0.20	0.20 0.30	0.22 0.35	0.22 0.35	0.25 0.40
	N1.4.C.NS	AlSi cast alloys, Si > 13%	130	120-150-180	0.10 0.15	0.12 0.18	0.15 0.22	0.16 0.25	0.25 0.35	0.25 0.35	0.30 0.45	0.30 0.45
		Copper based alloys										
	N3.3.U.UT	Free cutting copper based alloys (Pb>1%)	110	110-140-170	0.10 0.15	0.12 0.18	0.15 0.22	0.16 0.25	0.25 0.35	0.25 0.35	0.30 0.45	0.30 0.45
	N3.1.U.UT	Non-leaded copper alloys (incl. electrolytic copper)	100	100-125-150	0.08 0.12	0.10 0.14	0.10 0.16	0.12 0.20	0.20 0.30	0.22 0.35	0.22 0.35	0.22 0.35

Cutting Parameters for SOLID CARBIDE DRILL - MQ LONG DRILL L/D 20 ~ 30

Internal coolant supply, metric values

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	Drill diameter, mm: 3	4	6	8	10	12
P		**Unalloyed steel**		(min max)	Feed fn mm/r (min max)					
	P1.1.Z.AN	C = 0.1-0.25%	125	60 - 120	0.05 0.10	0.07 0.11	0.08 0.14	0.12 0.18	0.15 0.20	0.18 0.25
	P1.2.Z.AN	C = 0.25-0.55%	190	60 - 120	0.05 0.10	0.07 0.11	0.08 0.14	0.12 0.18	0.15 0.20	0.18 0.25
		Low alloy steel								
	P2.1.Z.AN	Non hardened	175	45 - 100	0.05 0.10	0.07 0.11	0.08 0.14	0.12 0.18	0.15 0.20	0.18 0.25
	P2.5.Z.HT.1	Hardenend and tempered	330	45 - 100	0.05 0.10	0.07 0.11	0.08 0.14	0.12 0.18	0.15 0.20	0.18 0.25
		High alloy steel								
	P3.0.Z.AN	Annealed	200	50 -110	0.05 0.10	0.07 0.11	0.08 0.14	0.12 0.18	0.15 0.20	0.20 0.27

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm: 3	4	6	8	10	12
M		**Stainless steel**		(min max)	Feed fn mm/r (min max)					
	M1.0.Z.AQ	Austenitic	200	18 - 40	0.04 0.06	0.04 0.06	0.06 0.11	0.08 0.13	0.10 0.17	0.13 0.19
	M2.0.Z.AQ	Super austenitic Ni>20%	200	20 - 35	0.04 0.06	0.04 0.06	0.06 0.11	0.08 0.13	0.10 0.17	0.13 0.19
	M3.2.Z.AQ	Duplex (austenitic/ferritic)	260	15 - 30	0.04 0.06	0.04 0.06	0.06 0.11	0.08 0.13	0.10 0.17	0.13 0.19

ISO	Mc No.	Material	Hardness Brinell HB	speed (Vc) m /min DC 3.00 - 2	Drill diameter, mm: 3	4	6	8	10	12
K		**Malleable cast iron**		(min max)	Feed fn mm/r (min max)					
	K1.1.C.NS	Ferritic Pearlitic	200	50 - 80	0.06 0.09	0.10 0.12	0.12 0.18	0.12 0.16	0.17 0.20	0.17 0.20
		Grey cast iron								
	K2.1.C.UT	Low tensile strength	180	80 - 120	0.09 0.12	0.10 0.12	0.15 0.25	0.12 0.16	0.25 0.35	0.17 0.20
	K2.2.C.UT	High tensile strength	245	50 - 80	0.06 0.09	0.10 0.12	0.12 0.18	0.12 0.16	0.17 0.20	0.17 0.20
		Nodular cast iron								
	K3.1.C.UT	Ferritic	155	80 - 120	0.06 0.09	0.10 0.12	0.12 0.18	0.12 0.16	0.17 0.20	0.17 0.20
	K3.3.C.UT	Pearlitic	265	80 - 120	0.06 0.09	0.10 0.12	0.12 0.18	0.12 0.16	0.17 0.20	0.17 0.20

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	**Drill diameter, mm**: 3	4	6	8	10	12
N		**Aluminium based alloys**		(min max)	Feed fn mm/r (min max)					
	N1.2.Z.UT	Commercial pure	60	150 250	0.10 0.13	0.12 0.16	0.15 0.17	0.16 0.25	0.30 0.33	0.33 0.37
	N1.2.Z.AG	Alsi alloys, Si < 1 %	100	150 250	0.10 0.13	0.12 0.16	0.15 0.17	0.16 0.25	0.30 0.33	0.33 0.37
	N1.3.C.AG	Cast or cast and aged	90	60 170	0.09 0.11	0.10 0.13	0.10 0.13	0.12 0.20	0.21 0.25	0.25 0.28
	N1.4.C.NS	AlSi cast alloys, Si > 13%	130	60 90	0.09 0.11	0.10 0.13	0.10 0.13	0.12 0.20	0.21 0.25	0.25 0.28
	N2.0.C.UT	Magnesium based alloys	100	60 170	0.09 0.11	0.10 0.13	0.10 0.13	0.12 0.20	0.21 0.25	0.25 0.28

Cutting Parameters for SOLID CARBIDE DRILL- ALUMINIUM

ISO	Mc No.	Material	Hardness Brinell HB	Cutting speed (Vc) m /min DC 3.00 - 20.00mm	**Drill diameter, mm**: 3 ~6	6.01~8	8.01~12	12.01~14	14.01~16.0	16.01~20.0
N		**Aluminium based alloys**		(min max)	Feed fn mm/r (min max)					
	N1.2.Z.UT	Commercial pure	60	150 250	0.16 0.25	0.25 0.35	0.30 0.42	0.38 0.48	0.40 0.50	0.42 0.55
	N1.2.Z.AG	Alsi alloys, Si < 1 %	100	150 250	0.16 0.25	0.25 0.35	0.30 0.42	0.38 0.48	0.40 0.50	0.42 0.55
	N1.3.C.AG	Cast or cast and aged	90	60 170	0.16 0.25	0.25 0.35	0.30 0.42	0.38 0.48	0.40 0.50	0.42 0.55
	N1.4.C.NS	AlSi cast alloys, Si > 13%	130	60 90	0.16 0.25	0.25 0.35	0.30 0.42	0.38 0.48	0.40 0.50	0.42 0.55

Cutting data recommendations are valid for internal coolant supply, which gives the best performance.
Preferred pressure min. 15 bar
If external coolant supply is used:
More important to adjust cutting data for good chip form and evacuation
Lower penetration rates than what is possible with internal coolant may be necessary

CARBIDE CUTTING TOOLS

ENDMILLS CATALOGUE

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

ENDMILL PRODUCT CODE NOMENCLATURE

1	2	3	4		5	6	7	8	9	10
AS	XM	E	0	2	30	1000	0	K	0	U
Brand Name	Geometry	Shape	No of Flutes		Helix Angle	Endmill Dia	Corner Type	Length Type	Coolant	Coating Name

AS-XM-E0230-10000-K0-U

1 Brand
AS (ACCUSHARP)

2 GEOMETRY	
XM	General Purpose
AL	Aluminium
HRC	Hard Material
HPT	High Performance

3 Type Of Shape	
E	Square shoulder mill with protective chamfer
F	Square shoulder mill with sharp cutting edges
B	Ball nose cutter
R	Corner Radius Endmill
C	Chamfering Endmill

4. No of Flutes	
02	2FL
03	3FL
04	4FL
05	5FL
06	6FL
etc	

5. Helix Angle	
00	Straight Flute
30	30° Helix
45	45° Helix
50	50° Helix
60	60° Helix

6.Endmill Dia	
0300	Cutting Diameter 3.0

7.Corner type	
0	Chamfer or sharp
R0.5	Corner Radius
60	Chamfer Angle for Chamfering Tool

8.Length Type	
K	Short Length
S	Standard length
L	Long Length
EL	Extra Long Length
XL	Extended Length
XXL	Extra Extended Length

9.Cooalnt Type	
0	Without Coolant
1	Coolant- Axial

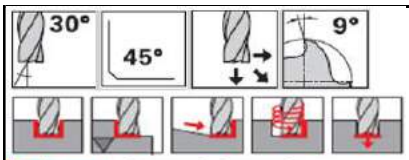
10.Coating	
I	InoxaCon
F	FerroCon
U	Uncoated

CUTTING TOOL PARAMETERS

Short Name	Description
Dc	Cutting Diameter
Ds	Shank Diameter
L2	Reach length
L1	Cutting length
L	Over All Length
r	Corner Radius
c	Corner Chamfer
dn	Neck Diameter

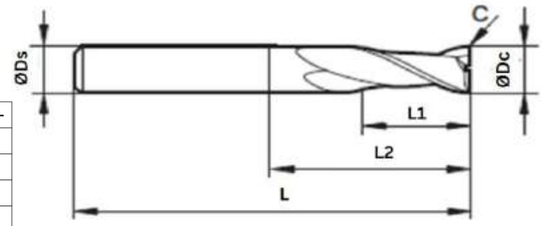
ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

SOLID CARBIDE ENDMILL - GENERAL PURPOSE



P	●
M	●
K	●
N	●
S	●
H	○

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0230-0100-0-K0-	SHORT	1.00	3.0	2	38	9	0.05	2	F	I
AS-XME-0230-0150-0-K0-	SHORT	1.50	3.0	2	38	9	0.05	2	F	I
AS-XME-0230-0200-0-K0-	SHORT	2.00	3.0	4	38	11	0.05	2	F	I
AS-XME-0230-0250-0-K0-	SHORT	2.50	3.0	4	38	11	0.05	2	F	I
AS-XME-0230-0300-0-K0-	SHORT	3.00	3.0	4	38	11	0.05	2	F	I
AS-XME-0230-0350-0-K0-	SHORT	3.50	4.0	5	50	12	0.05	2	F	I
AS-XME-0230-0400-0-K0-	SHORT	4.00	4.0	5	50	12	0.10	2	F	I
AS-XME-0230-0450-0-K0-	SHORT	4.50	5.0	6	50	13	0.10	2	F	I
AS-XME-0230-0500-0-K0-	SHORT	5.00	5.0	6	54	13	0.10	2	F	I
AS-XME-0230-0550-0-K0-	SHORT	5.50	6.0	9	54	16	0.10	2	F	I
AS-XME-0230-0600-0-K0-	SHORT	6.00	6.0	9	54	16	0.13	2	F	I
AS-XME-0230-0700-0-K0-	SHORT	7.00	8.0	10	54	17	0.13	2	F	I
AS-XME-0230-0800-0-K0-	SHORT	8.00	8.0	10	54	17	0.15	2	F	I
AS-XME-0230-0900-0-K0-	SHORT	9.00	10.0	12	66	19	0.20	2	F	I
AS-XME-0230-0970-0-K0-	SHORT	9.70	10.0	12	66	19	0.20	2	F	I
AS-XME-0230-1000-0-K0-	SHORT	10.00	10.0	12	66	19	0.20	2	F	I
AS-XME-0230-1200-0-K0-	SHORT	12.00	12.0	13	73	20	0.20	2	F	I
AS-XME-0230-1400-0-K0-	SHORT	14.00	14.0	15	75	22	0.20	2	F	I
AS-XME-0230-1600-0-K0-	SHORT	16.00	16.0	17	82	24	0.20	2	F	I
AS-XME-0230-1800-0-K0-	SHORT	18.00	18.0	19	84	26	0.20	2	F	I
AS-XME-0230-2000-0-K0-	SHORT	20.00	20.0	21	92	28	0.30	2	F	I
AS-XME-0230-0100-0-S0-	STD	1.00	3.0	5	38	12	0.05	2	F	I
AS-XME-0230-0150-0-S0-	STD	1.50	3.0	5	38	12	0.05	2	F	I
AS-XME-0230-0200-0-S0-	STD	2.00	3.0	7	38	14	0.05	2	F	I
AS-XME-0230-0250-0-S0-	STD	2.50	3.0	7	38	14	0.05	2	F	I
AS-XME-0230-0300-0-S0-	STD	3.00	3.0	7	38	14	0.05	2	F	I
AS-XME-0230-0350-0-S0-	STD	3.50	4.0	9	50	16	0.05	2	F	I
AS-XME-0230-0400-0-S0-	STD	4.00	4.0	9	50	16	0.10	2	F	I
AS-XME-0230-0450-0-S0-	STD	4.50	5.0	11	50	18	0.10	2	F	I
AS-XME-0230-0500-0-S0-	STD	5.00	5.0	11	50	18	0.10	2	F	I
AS-XME-0230-0600-0-S0-	STD	6.00	6.0	13	57	20	0.13	2	F	I
AS-XME-0230-0700-0-S0-	STD	7.00	8.0	19	63	26	0.13	2	F	I
AS-XME-0230-0800-0-S0-	STD	8.00	8.0	19	63	26	0.15	2	F	I
AS-XME-0230-0900-0-S0-	STD	9.00	10.0	22	72	29	0.20	2	F	I
AS-XME-0230-1000-0-S0-	STD	10.00	10.0	22	72	29	0.20	2	F	I
AS-XME-0230-1200-0-S0-	STD	12.00	12.0	26	83	33	0.20	2	F	I
AS-XME-0230-1400-0-S0-	STD	14.00	14.0	26	83	33	0.20	2	F	I
AS-XME-0230-1600-0-S0-	STD	16.00	16.0	32	92	39	0.20	2	F	I
AS-XME-0230-1800-0-S0-	STD	18.00	18.0	32	92	39	0.20	2	F	I
AS-XME-0230-2000-0-S0-	STD	20.00	20.0	38	104	45	0.30	2	F	I

Ordering code for Example:-
AS-XME-0230-1000-0-K0- F Coating Ferrocon
AS-XME-0230-1000-0-K0-I Coating Inoxacon

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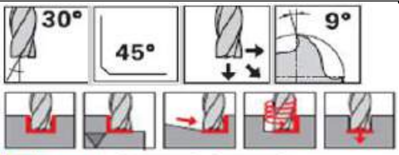
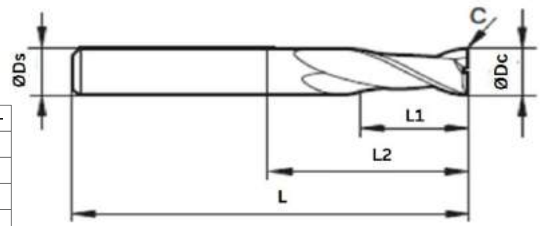
SOLID CARBIDE ENDMILL - GENERAL PURPOSE





P	●
M	●
K	●
N	●
S	●
H	○

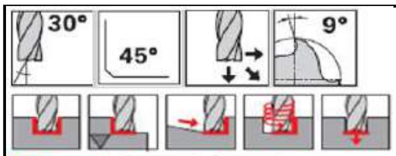
Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013

Diameter Range
Ø1.0~Ø20.0

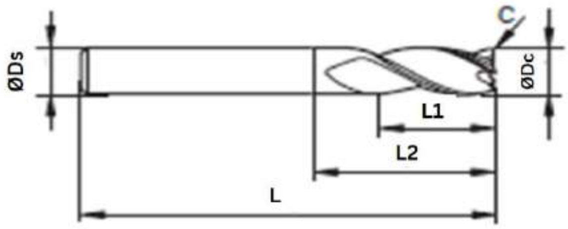
Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0230-0300-0-L0-	LONG	3.00	3.0	19	57	26	0.05	2	F	I
AS-XME-0230-0400-0-L0-	LONG	4.00	4.0	19	57	26	0.05	2	F	I
AS-XME-0230-0500-0-L0-	LONG	5.00	5.0	25	63	32	0.10	2	F	I
AS-XME-0230-0600-0-L0-	LONG	6.00	6.0	28	75	35	0.13	2	F	I
AS-XME-0230-0800-0-L0-	LONG	8.00	8.0	32	75	39	0.13	2	F	I
AS-XME-0230-1000-0-L0-	LONG	10.00	10.0	32	75	39	0.20	2	F	I
AS-XME-0230-1200-0-L0-	LONG	12.00	12.0	51	100	58	0.20	2	F	I
AS-XME-0230-1400-0-L0-	LONG	14.00	14.0	51	125	58	0.20	2	F	I
AS-XME-0230-1600-0-L0-	LONG	16.00	16.0	57	125	70	0.25	2	F	I
AS-XME-0230-1800-0-L0-	LONG	18.00	18.0	57	125	70	0.25	2	F	I
AS-XME-0230-2000-0-L0-	LONG	20.00	20.0	57	125	70	0.30	2	F	I
AS-XME-0230-0300-0-EL0-	EXTRA LONG	3.00	3.0	25	75	40	0.05	2	F	I
AS-XME-0230-0400-0-EL0-	EXTRA LONG	4.00	4.0	25	75	40	0.05	2	F	I
AS-XME-0230-0500-0-EL0-	EXTRA LONG	5.00	5.0	25	75	40	0.10	2	F	I
AS-XME-0230-0600-0-EL0-	EXTRA LONG	6.00	6.0	38	100	60	0.13	2	F	I
AS-XME-0230-0800-0-EL0-	EXTRA LONG	8.00	8.0	38	100	60	0.13	2	F	I
AS-XME-0230-1000-0-EL0-	EXTRA LONG	10.00	10.0	38	100	60	0.20	2	F	I
AS-XME-0230-1200-0-EL0-	EXTRA LONG	12.00	12.0	75	150	100	0.20	2	F	I
AS-XME-0230-1400-0-EL0-	EXTRA LONG	14.00	14.0	75	150	100	0.20	2	F	I
AS-XME-0230-1600-0-EL0-	EXTRA LONG	16.00	16.0	75	150	100	0.25	2	F	I
AS-XME-0230-1800-0-EL0-	EXTRA LONG	18.00	18.0	75	150	100	0.25	2	F	I
AS-XME-0230-2000-0-EL0-	EXTRA LONG	20.00	20.0	75	150	100	0.30	2	F	I
AS-XME-0230-0600-0-XL0-	EXTENDED	6.00	6.0	30	105	65	0.13	2	F	I
AS-XME-0230-0800-0-XL0-	EXTENDED	8.00	8.0	30	105	65	0.13	2	F	I
AS-XME-0230-1000-0-XL0-	EXTENDED	10.00	10.0	30	105	65	0.20	2	F	I
AS-XME-0230-1200-0-XL0-	EXTENDED	12.00	12.0	40	150	100	0.20	2	F	I
AS-XME-0230-1600-0-XL0-	EXTENDED	16.00	16.0	40	150	100	0.25	2	F	I
AS-XME-0230-0600-0-XXL0-	EXTRA EXTENDED	6.00	6.0	40	150	105	0.13	2	F	I
AS-XME-0230-0800-0-XXL0-	EXTRA EXTENDED	8.00	8.0	40	150	105	0.13	2	F	I
AS-XME-0230-1000-0-XXL0-	EXTRA EXTENDED	10.00	10.0	40	150	105	0.20	2	F	I
AS-XME-0230-1200-0-XXL0-	EXTRA EXTENDED	12.00	12.0	50	200	150	0.20	2	F	I
AS-XME-0230-1600-0-XXL0-	EXTRA EXTENDED	16.00	16.0	50	200	150	0.25	2	F	I

Ordering code for Example:-
AS-XME-0230-1000-0-K0- F Coating Ferrocon
AS-XME-0230-1000-0-K0-I Coating Inoxacon

SOLID CARBIDE ENDMILL - GENERAL PURPOSE



Material		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●				
M	●	≤3	-0,014/-0,028	≤3	0/0,006
K	●	>3-6	-0,020/-0,038	>3-6	0/0,008
N	●	>6-10	-0,025/-0,047	>6-10	0/0,009
S	●	>10-18	-0,032/-0,059	>10-18	0/0,011
H	○	>18-30	-0,040/-0,073	>18-30	0/0,013



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0330-0100-0-K0-	SHORT	1.00	3.0	2	38	9	0.05	3	F	I
AS-XME-0330-0150-0-K0-	SHORT	1.50	3.0	2	38	9	0.05	3	F	I
AS-XME-0330-0200-0-K0-	SHORT	2.00	3.0	4	38	11	0.05	3	F	I
AS-XME-0330-0250-0-K0-	SHORT	2.50	3.0	4	38	11	0.05	3	F	I
AS-XME-0330-0300-0-K0-	SHORT	3.00	3.0	4	38	11	0.05	3	F	I
AS-XME-0330-0350-0-K0-	SHORT	3.50	4.0	5	50	12	0.05	3	F	I
AS-XME-0330-0400-0-K0-	SHORT	4.00	4.0	5	50	12	0.10	3	F	I
AS-XME-0330-0450-0-K0-	SHORT	4.50	5.0	6	50	13	0.10	3	F	I
AS-XME-0330-0500-0-K0-	SHORT	5.00	5.0	6	54	13	0.10	3	F	I
AS-XME-0330-0550-0-K0-	SHORT	5.50	6.0	9	54	16	0.10	3	F	I
AS-XME-0330-0600-0-K0-	SHORT	6.00	6.0	9	54	16	0.13	3	F	I
AS-XME-0330-0700-0-K0-	SHORT	7.00	8.0	10	54	17	0.13	3	F	I
AS-XME-0330-0800-0-K0-	SHORT	8.00	8.0	10	54	17	0.15	3	F	I
AS-XME-0330-0900-0-K0-	SHORT	9.00	10.0	12	66	19	0.20	3	F	I
AS-XME-0330-0970-0-K0-	SHORT	9.70	10.0	12	66	19	0.20	3	F	I
AS-XME-0330-1000-0-K0-	SHORT	10.00	10.0	12	66	19	0.20	3	F	I
AS-XME-0330-1200-0-K0-	SHORT	12.00	12.0	13	73	20	0.20	3	F	I
AS-XME-0330-1400-0-K0-	SHORT	14.00	14.0	15	75	22	0.20	3	F	I
AS-XME-0330-1600-0-K0-	SHORT	16.00	16.0	17	82	24	0.20	3	F	I
AS-XME-0330-1800-0-K0-	SHORT	18.00	18.0	19	84	26	0.20	3	F	I
AS-XME-0330-2000-0-K0-	SHORT	20.00	20.0	21	92	28	0.30	3	F	I
AS-XME-0330-0100-0-S0-	STD	1.00	3.0	5	38	12	0.05	3	F	I
AS-XME-0330-0150-0-S0-	STD	1.50	3.0	5	38	12	0.05	3	F	I
AS-XME-0330-0200-0-S0-	STD	2.00	3.0	7	38	14	0.05	3	F	I
AS-XME-0330-0250-0-S0-	STD	2.50	3.0	7	38	14	0.05	3	F	I
AS-XME-0330-0300-0-S0-	STD	3.00	3.0	7	38	14	0.05	3	F	I
AS-XME-0330-0350-0-S0-	STD	3.50	4.0	9	50	16	0.05	3	F	I
AS-XME-0330-0400-0-S0-	STD	4.00	4.0	9	50	16	0.10	3	F	I
AS-XME-0330-0450-0-S0-	STD	4.50	5.0	11	50	18	0.10	3	F	I
AS-XME-0330-0500-0-S0-	STD	5.00	5.0	11	50	18	0.10	3	F	I
AS-XME-0330-0600-0-S0-	STD	6.00	6.0	13	57	20	0.13	3	F	I
AS-XME-0330-0700-0-S0-	STD	7.00	8.0	19	63	26	0.13	3	F	I
AS-XME-0330-0800-0-S0-	STD	8.00	8.0	19	63	26	0.15	3	F	I
AS-XME-0330-0900-0-S0-	STD	9.00	10.0	22	72	29	0.20	3	F	I
AS-XME-0330-1000-0-S0-	STD	10.00	10.0	22	72	29	0.20	3	F	I
AS-XME-0330-1200-0-S0-	STD	12.00	12.0	26	83	33	0.20	3	F	I
AS-XME-0330-1400-0-S0-	STD	14.00	14.0	26	83	33	0.20	3	F	I
AS-XME-0330-1600-0-S0-	STD	16.00	16.0	32	92	39	0.20	3	F	I
AS-XME-0330-1800-0-S0-	STD	18.00	18.0	32	92	39	0.20	3	F	I
AS-XME-0330-2000-0-S0-	STD	20.00	20.0	38	104	45	0.30	3	F	I

Ordering code for Example:-
AS-XME-0330-1000-0-K0- F Coating FerroCon
AS-XME-0330-1000-0-K0-I Coating InoxaCon

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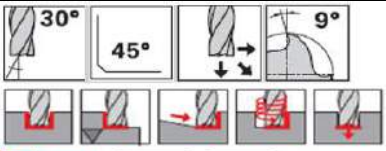
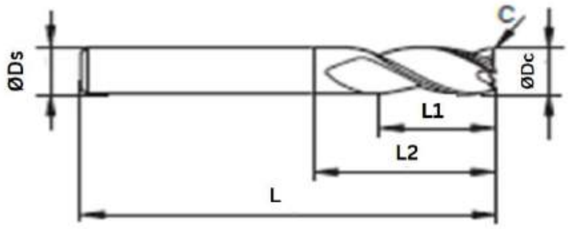


SOLID CARBIDE ENDMILL - GENERAL PURPOSE



		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●	≤3	-0,014/-0,028	≤3	0/0,006
M	●	>3-6	-0,020/-0,038	>3-6	0/0,008
K	●	>6-10	-0,025/-0,047	>6-10	0/0,009
N	●	>10-18	-0,032/-0,059	>10-18	0/0,011
S	●	>18-30	-0,040/-0,073	>18-30	0/0,013
H	○				

Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0330-0300-0-L0-	LONG	3.00	3.0	19	57	26	0.05	3	F	I
AS-XME-0330-0400-0-L0-	LONG	4.00	4.0	19	57	26	0.05	3	F	I
AS-XME-0330-0500-0-L0-	LONG	5.00	5.0	25	63	32	0.10	3	F	I
AS-XME-0330-0600-0-L0-	LONG	6.00	6.0	28	75	35	0.13	3	F	I
AS-XME-0330-0800-0-L0-	LONG	8.00	8.0	32	75	39	0.13	3	F	I
AS-XME-0330-1000-0-L0-	LONG	10.00	10.0	32	75	39	0.20	3	F	I
AS-XME-0330-1200-0-L0-	LONG	12.00	12.0	51	100	58	0.20	3	F	I
AS-XME-0330-1400-0-L0-	LONG	14.00	14.0	51	125	58	0.20	3	F	I
AS-XME-0330-1600-0-L0-	LONG	16.00	16.0	57	125	70	0.25	3	F	I
AS-XME-0330-1800-0-L0-	LONG	18.00	18.0	57	125	70	0.25	3	F	I
AS-XME-0330-2000-0-L0-	LONG	20.00	20.0	57	125	70	0.30	3	F	I
AS-XME-0330-0300-0-EL0-	EXTRA LONG	3.00	3.0	25	75	40	0.05	3	F	I
AS-XME-0330-0400-0-EL0-	EXTRA LONG	4.00	4.0	25	75	40	0.05	3	F	I
AS-XME-0330-0500-0-EL0-	EXTRA LONG	5.00	5.0	25	75	40	0.10	3	F	I
AS-XME-0330-0600-0-EL0-	EXTRA LONG	6.00	6.0	38	100	60	0.13	3	F	I
AS-XME-0330-0800-0-EL0-	EXTRA LONG	8.00	8.0	38	100	60	0.13	3	F	I
AS-XME-0330-1000-0-EL0-	EXTRA LONG	10.00	10.0	38	100	60	0.20	3	F	I
AS-XME-0330-1200-0-EL0-	EXTRA LONG	12.00	12.0	75	150	100	0.20	3	F	I
AS-XME-0330-1400-0-EL0-	EXTRA LONG	14.00	14.0	75	150	100	0.20	3	F	I
AS-XME-0330-1600-0-EL0-	EXTRA LONG	16.00	16.0	75	150	100	0.25	3	F	I
AS-XME-0330-1800-0-EL0-	EXTRA LONG	18.00	18.0	75	150	100	0.25	3	F	I
AS-XME-0330-2000-0-EL0-	EXTRA LONG	20.00	20.0	75	150	100	0.30	3	F	I
AS-XME-0330-0600-0-XL0-	EXTENDED	6.00	6.0	30	105	65	0.13	3	F	I
AS-XME-0330-0800-0-XL0-	EXTENDED	8.00	8.0	30	105	65	0.13	3	F	I
AS-XME-0330-1000-0-XL0-	EXTENDED	10.00	10.0	30	105	65	0.20	3	F	I
AS-XME-0330-1200-0-XL0-	EXTENDED	12.00	12.0	40	150	100	0.20	3	F	I
AS-XME-0330-1600-0-XL0-	EXTENDED	16.00	16.0	40	150	100	0.25	3	F	I
AS-XME-0330-0600-0-XXL0-	EXTRA EXTENDED	6.00	6.0	40	150	105	0.13	3	F	I
AS-XME-0330-0800-0-XXL0-	EXTRA EXTENDED	8.00	8.0	40	150	105	0.13	3	F	I
AS-XME-0330-1000-0-XXL0-	EXTRA EXTENDED	10.00	10.0	40	150	105	0.20	3	F	I
AS-XME-0330-1200-0-XXL0-	EXTRA EXTENDED	12.00	12.0	50	200	150	0.20	3	F	I
AS-XME-0330-1600-0-XXL0-	EXTRA EXTENDED	16.00	16.0	50	200	150	0.25	3	F	I

Ordering code for Example:-
AS-XME-0330-1000-0-K0- F Coating FerroCon
AS-XME-0330-1000-0-K0-I Coating InoxaCon

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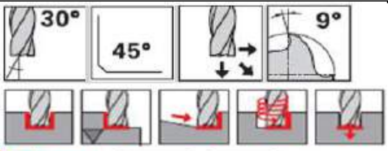
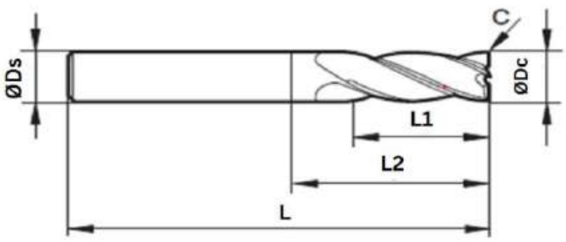
ISO 9001 : 2015



SOLID CARBIDE ENDMILL - GENERAL PURPOSE

		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●	≤3	-0,014/-0,028	≤3	0/0,006
M	●	>3-6	-0,020/-0,038	>3-6	0/0,008
K	●	>6-10	-0,025/-0,047	>6-10	0/0,009
N	●	>10-18	-0,032/-0,059	>10-18	0/0,011
S	●	>18-30	-0,040/-0,073	>18-30	0/0,013
H	○				



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0430-0100-0-K0-	SHORT	1.00	3.0	2	38	9	0.05	4	F	I
AS-XME-0430-0150-0-K0-	SHORT	1.50	3.0	2	38	9	0.05	4	F	I
AS-XME-0430-0200-0-K0-	SHORT	2.00	3.0	4	38	11	0.05	4	F	I
AS-XME-0430-0250-0-K0-	SHORT	2.50	3.0	4	38	11	0.05	4	F	I
AS-XME-0430-0300-0-K0-	SHORT	3.00	3.0	4	38	11	0.05	4	F	I
AS-XME-0430-0350-0-K0-	SHORT	3.50	4.0	5	50	12	0.05	4	F	I
AS-XME-0430-0400-0-K0-	SHORT	4.00	4.0	5	50	12	0.10	4	F	I
AS-XME-0430-0450-0-K0-	SHORT	4.50	5.0	6	50	13	0.10	4	F	I
AS-XME-0430-0500-0-K0-	SHORT	5.00	5.0	6	54	13	0.10	4	F	I
AS-XME-0430-0550-0-K0-	SHORT	5.50	6.0	9	54	16	0.10	4	F	I
AS-XME-0430-0600-0-K0-	SHORT	6.00	6.0	9	54	16	0.13	4	F	I
AS-XME-0430-0700-0-K0-	SHORT	7.00	8.0	10	54	17	0.13	4	F	I
AS-XME-0430-0800-0-K0-	SHORT	8.00	8.0	10	54	17	0.15	4	F	I
AS-XME-0430-0900-0-K0-	SHORT	9.00	10.0	12	66	19	0.20	4	F	I
AS-XME-0430-0970-0-K0-	SHORT	9.70	10.0	12	66	19	0.20	4	F	I
AS-XME-0430-1000-0-K0-	SHORT	10.00	10.0	12	66	19	0.20	4	F	I
AS-XME-0430-1200-0-K0-	SHORT	12.00	12.0	13	73	20	0.20	4	F	I
AS-XME-0430-1400-0-K0-	SHORT	14.00	14.0	15	75	22	0.20	4	F	I
AS-XME-0430-1600-0-K0-	SHORT	16.00	16.0	17	82	24	0.20	4	F	I
AS-XME-0430-1800-0-K0-	SHORT	18.00	18.0	19	84	26	0.20	4	F	I
AS-XME-0430-2000-0-K0-	SHORT	20.00	20.0	21	92	28	0.30	4	F	I
AS-XME-0430-0100-0-S0-	STD	1.00	3.0	5	38	12	0.05	4	F	I
AS-XME-0430-0150-0-S0-	STD	1.50	3.0	5	38	12	0.05	4	F	I
AS-XME-0430-0200-0-S0-	STD	2.00	3.0	7	38	14	0.05	4	F	I
AS-XME-0430-0250-0-S0-	STD	2.50	3.0	7	38	14	0.05	4	F	I
AS-XME-0430-0300-0-S0-	STD	3.00	3.0	7	38	14	0.05	4	F	I
AS-XME-0430-0350-0-S0-	STD	3.50	4.0	9	50	16	0.05	4	F	I
AS-XME-0430-0400-0-S0-	STD	4.00	4.0	9	50	16	0.10	4	F	I
AS-XME-0430-0450-0-S0-	STD	4.50	5.0	11	50	18	0.10	4	F	I
AS-XME-0430-0500-0-S0-	STD	5.00	5.0	11	50	18	0.10	4	F	I
AS-XME-0430-0600-0-S0-	STD	6.00	6.0	13	57	20	0.13	4	F	I
AS-XME-0430-0700-0-S0-	STD	7.00	8.0	19	63	26	0.13	4	F	I
AS-XME-0430-0800-0-S0-	STD	8.00	8.0	19	63	26	0.15	4	F	I
AS-XME-0430-0900-0-S0-	STD	9.00	10.0	22	72	29	0.20	4	F	I
AS-XME-0430-1000-0-S0-	STD	10.00	10.0	22	72	29	0.20	4	F	I
AS-XME-0430-1200-0-S0-	STD	12.00	12.0	26	83	33	0.20	4	F	I
AS-XME-0430-1400-0-S0-	STD	14.00	14.0	26	83	33	0.20	4	F	I
AS-XME-0430-1600-0-S0-	STD	16.00	16.0	32	92	39	0.20	4	F	I
AS-XME-0430-1800-0-S0-	STD	18.00	18.0	32	92	39	0.20	4	F	I
AS-XME-0430-2000-0-S0-	STD	20.00	20.0	38	104	45	0.30	4	F	I

Ordering code for Example:-
AS-XME-0430-1000-0-K0- F Coating FerroCon
AS-XME-0430-1000-0-K0-I Coating InoxaCon

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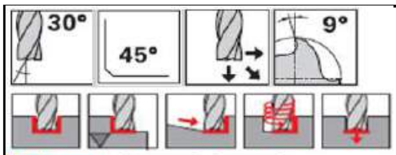
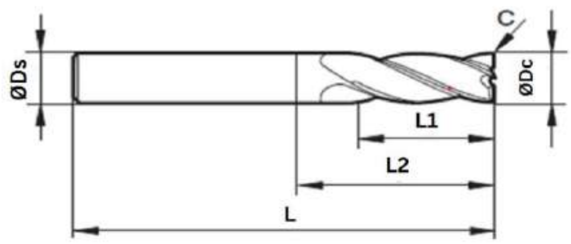
ISO 9001 : 2015



SOLID CARBIDE ENDMILL - GENERAL PURPOSE

		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●				
M	●	≤3	-0,014/-0,028	≤3	0/0,006
K	●	>3-6	-0,020/-0,038	>3-6	0/0,008
N	●	>6-10	-0,025/-0,047	>6-10	0/0,009
S	●	>10-18	-0,032/-0,059	>10-18	0/0,011
H	○	>18-30	-0,040/-0,073	>18-30	0/0,013



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	C X45°	Zn	FerroCon	InoxaCon
AS-XME-0430-0300-0-LO-	LONG	3.00	3.0	19	57	26	0.05	4	F	I
AS-XME-0430-0400-0-LO-	LONG	4.00	4.0	19	57	26	0.05	4	F	I
AS-XME-0430-0500-0-LO-	LONG	5.00	5.0	25	63	32	0.10	4	F	I
AS-XME-0430-0600-0-LO-	LONG	6.00	6.0	28	75	35	0.13	4	F	I
AS-XME-0430-0800-0-LO-	LONG	8.00	8.0	32	75	39	0.13	4	F	I
AS-XME-0430-1000-0-LO-	LONG	10.00	10.0	32	75	39	0.20	4	F	I
AS-XME-0430-1200-0-LO-	LONG	12.00	12.0	51	100	58	0.20	4	F	I
AS-XME-0430-1400-0-LO-	LONG	14.00	14.0	51	125	58	0.20	4	F	I
AS-XME-0430-1600-0-LO-	LONG	16.00	16.0	57	125	70	0.25	4	F	I
AS-XME-0430-1800-0-LO-	LONG	18.00	18.0	57	125	70	0.25	4	F	I
AS-XME-0430-2000-0-LO-	LONG	20.00	20.0	57	125	70	0.30	4	F	I
AS-XME-0430-0300-0-ELO-	EXTRA LONG	3.00	3.0	25	75	40	0.05	4	F	I
AS-XME-0430-0400-0-ELO-	EXTRA LONG	4.00	4.0	25	75	40	0.05	4	F	I
AS-XME-0430-0500-0-ELO-	EXTRA LONG	5.00	5.0	25	75	40	0.10	4	F	I
AS-XME-0430-0600-0-ELO-	EXTRA LONG	6.00	6.0	38	100	60	0.13	4	F	I
AS-XME-0430-0800-0-ELO-	EXTRA LONG	8.00	8.0	38	100	60	0.13	4	F	I
AS-XME-0430-1000-0-ELO-	EXTRA LONG	10.00	10.0	38	100	60	0.20	4	F	I
AS-XME-0430-1200-0-ELO-	EXTRA LONG	12.00	12.0	75	150	100	0.20	4	F	I
AS-XME-0430-1400-0-ELO-	EXTRA LONG	14.00	14.0	75	150	100	0.20	4	F	I
AS-XME-0430-1600-0-ELO-	EXTRA LONG	16.00	16.0	75	150	100	0.25	4	F	I
AS-XME-0430-1800-0-ELO-	EXTRA LONG	18.00	18.0	75	150	100	0.25	4	F	I
AS-XME-0430-2000-0-ELO-	EXTRA LONG	20.00	20.0	75	150	100	0.30	4	F	I
AS-XME-0430-0600-0-XLO-	EXTENDED	6.00	6.0	30	105	65	0.13	4	F	I
AS-XME-0430-0800-0-XLO-	EXTENDED	8.00	8.0	30	105	65	0.13	4	F	I
AS-XME-0430-1000-0-XLO-	EXTENDED	10.00	10.0	30	105	65	0.20	4	F	I
AS-XME-0430-1200-0-XLO-	EXTENDED	12.00	12.0	40	150	100	0.20	4	F	I
AS-XME-0430-1600-0-XLO-	EXTENDED	16.00	16.0	40	150	100	0.25	4	F	I
AS-XME-0430-0600-0-XXLO-	EXTRA EXTENDED	6.00	6.0	40	150	105	0.13	4	F	I
AS-XME-0430-0800-0-XXLO-	EXTRA EXTENDED	8.00	8.0	40	150	105	0.13	4	F	I
AS-XME-0430-1000-0-XXLO-	EXTRA EXTENDED	10.00	10.0	40	150	105	0.20	4	F	I
AS-XME-0430-1200-0-XXLO-	EXTRA EXTENDED	12.00	12.0	50	200	150	0.20	4	F	I
AS-XME-0430-1600-0-XXLO-	EXTRA EXTENDED	16.00	16.0	50	200	150	0.25	4	F	I

Ordering code for Example:-
AS-XME-0430-1000-0-K0- F Coating FerroCon
AS-XME-0430-1000-0-K0-I Coating InoxaCon

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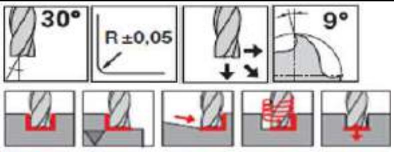
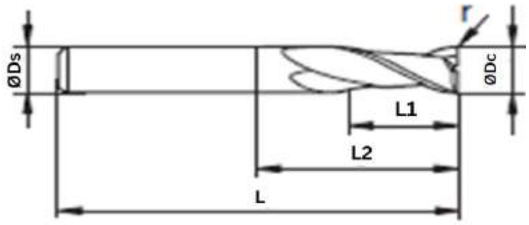


SOLID CARBIDE ENDMILL - GENERAL PURPOSE



P	●
M	●
K	●
N	●
S	●
H	○

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013

Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	FerroCon	InoxaCon
AS-XMR-0230-0300-R0.3-S0-	STD	3.00	3.0	9	38	16	0.3	2	F	I
AS-XMR-0230-0400-R0.3-S0-	STD	4.00	4.0	12	50	19	0.3	2	F	I
AS-XMR-0230-0400-R0.5-S0-	STD	4.00	4.0	12	50	19	0.5	2	F	I
AS-XMR-0230-0500-R0.3-S0-	STD	5.00	5.0	15	50	22	0.3	2	F	I
AS-XMR-0230-0500-R0.5-S0-	STD	5.00	5.0	15	50	22	0.5	2	F	I
AS-XMR-0230-0600-R0.5-S0-	STD	6.00	6.0	16	50	23	0.5	2	F	I
AS-XMR-0230-0600-R1.0-S0-	STD	6.00	6.0	16	50	23	1.0	2	F	I
AS-XMR-0230-0800-R0.5-S0-	STD	8.00	8.0	20	63	27	0.5	2	F	I
AS-XMR-0230-0800-R1.0-S0-	STD	8.00	8.0	20	63	27	1.0	2	F	I
AS-XMR-0230-1000-R0.5-S0-	STD	10.00	10.0	22	72	29	0.5	2	F	I
AS-XMR-0230-1000-R1.0-S0-	STD	10.00	10.0	22	72	29	1.0	2	F	I
AS-XMR-0230-1000-R2.0-S0-	STD	10.00	10.0	22	72	29	2.0	2	F	I
AS-XMR-0230-1200-R1.0-S0-	STD	12.00	12.0	25	75	32	1.0	2	F	I
AS-XMR-0230-1200-R2.0-S0-	STD	12.00	12.0	25	75	32	2.0	2	F	I
AS-XMR-0230-1200-R3.0-S0-	STD	12.00	12.0	25	75	32	3.0	2	F	I
AS-XMR-0230-1400-R1.5-S0-	STD	14.00	14.0	32	90	39	1.5	2	F	I
AS-XMR-0230-1600-R1.0-S0-	STD	16.00	16.0	32	90	39	1.0	2	F	I
AS-XMR-0230-1600-R2.0-S0-	STD	16.00	16.0	32	90	39	2.0	2	F	I
AS-XMR-0230-1600-R3.0-S0-	STD	16.00	16.0	32	90	39	3.0	2	F	I
AS-XMR-0230-1800-R2.0-S0-	STD	18.00	18.0	38	100	45	2.0	2	F	I
AS-XMR-0230-1800-R3.0-S0-	STD	18.00	18.0	38	100	45	3.0	2	F	I
AS-XMR-0230-2000-R2.0-S0-	STD	20.00	20.0	38	100	45	2.0	2	F	I
AS-XMR-0230-2000-R3.0-S0-	STD	20.00	20.0	38	100	45	3.0	2	F	I

Ordering code for Example:-
AS-XMR-0230-1000-R0.5-S0- F Coating FerroCon
AS-XMR-0230-1000-R0.5-S0-I Coating InoxaCon

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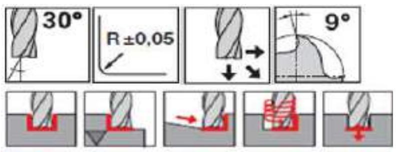
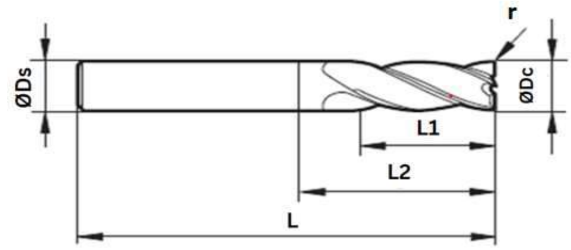
ISO 9001 : 2015

SOLID CARBIDE ENDMILL - GENERAL PURPOSE



		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●	≤3	-0,014/-0,028	≤3	0/0,006
M	●	>3-6	-0,020/-0,038	>3-6	0/0,008
K	●	>6-10	-0,025/-0,047	>6-10	0/0,009
N	●	>10-18	-0,032/-0,059	>10-18	0/0,011
S	●	>18-30	-0,040/-0,073	>18-30	0/0,013
H	○				



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	FerroCon	InoxaCon
AS-XMR-0430-0300-R0.3-S0-	STD	3.00	3.0	9	38	16	0.3	4	F	I
AS-XMR-0430-0400-R0.3-S0-	STD	4.00	4.0	12	50	19	0.3	4	F	I
AS-XMR-0430-0400-R0.5-S0-	STD	4.00	4.0	12	50	19	0.5	4	F	I
AS-XMR-0430-0500-R0.3-S0-	STD	5.00	5.0	15	50	22	0.3	4	F	I
AS-XMR-0430-0500-R0.5-S0-	STD	5.00	5.0	15	50	22	0.5	4	F	I
AS-XMR-0430-0600-R0.5-S0-	STD	6.00	6.0	16	50	23	0.5	4	F	I
AS-XMR-0430-0600-R1.0-S0-	STD	6.00	6.0	16	50	23	1	4	F	I
AS-XMR-0430-0800-R0.5-S0-	STD	8.00	8.0	20	63	27	0.5	4	F	I
AS-XMR-0430-0800-R1.0-S0-	STD	8.00	8.0	20	63	27	1	4	F	I
AS-XMR-0430-1000-R0.5-S0-	STD	10.00	10.0	22	72	29	0.5	4	F	I
AS-XMR-0430-1000-R1.0-S0-	STD	10.00	10.0	22	72	29	1	4	F	I
AS-XMR-0430-1000-R2.0-S0-	STD	10.00	10.0	22	72	29	2	4	F	I
AS-XMR-0430-1200-R1.0-S0-	STD	12.00	12.0	25	75	32	1	4	F	I
AS-XMR-0430-1200-R2.0-S0-	STD	12.00	12.0	25	75	32	2	4	F	I
AS-XMR-0430-1200-R3.0-S0-	STD	12.00	12.0	25	75	32	3	4	F	I
AS-XMR-0430-1400-R1.5-S0-	STD	14.00	14.0	32	90	39	1.5	4	F	I
AS-XMR-0430-1600-R1.0-S0-	STD	16.00	16.0	32	90	39	1	4	F	I
AS-XMR-0430-1600-R2.0-S0-	STD	16.00	16.0	32	90	39	2	4	F	I
AS-XMR-0430-1600-R3.0-S0-	STD	16.00	16.0	32	90	39	3	4	F	I
AS-XMR-0430-1800-R2.0-S0-	STD	18.00	18.0	38	100	45	2	4	F	I
AS-XMR-0430-1800-R3.0-S0-	STD	18.00	18.0	38	100	45	3	4	F	I
AS-XMR-0430-2000-R2.0-S0-	STD	20.00	20.0	38	100	45	2	4	F	I
AS-XMR-0430-2000-R3.0-S0-	STD	20.00	20.0	38	100	45	3	4	F	I

Ordering code for Example:-
AS-XMR-0430-1000-R0.5-S0- F Coating FerroCon
AS-XMR-0430-1000-R0.5-S0-I Coating InoxaCon

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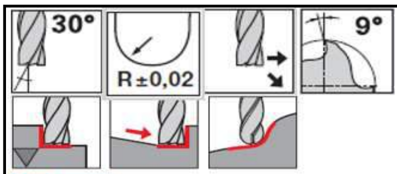
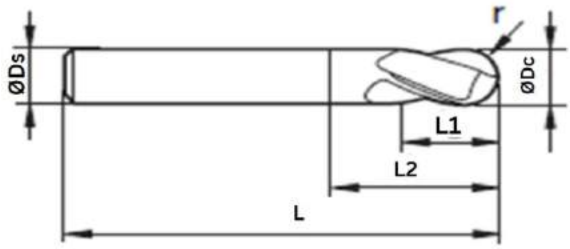
ISO 9001 : 2015

SOLID CARBIDE BALLNOSE ENDMILL - GENERAL PURPOSE





P	●
M	●
K	●
N	●
S	●
H	○

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013

Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	FerroCon	InoxaCon
AS-XMB-0230-0100-0-S0-	STD	1.00	3.0	5	38	12	0.5	2	F	I
AS-XMB-0230-0200-0-S0-	STD	2.00	3.0	7	38	14	1.0	2	F	I
AS-XMB-0230-0300-0-S0-	STD	3.00	6.0	8	57	15	1.5	2	F	I
AS-XMB-0230-0400-0-S0-	STD	4.00	6.0	9	57	16	2.0	2	F	I
AS-XMB-0230-0500-0-S0-	STD	5.00	6.0	11	57	18	2.5	2	F	I
AS-XMB-0230-0600-0-S0-	STD	6.00	6.0	13	57	20	3.0	2	F	I
AS-XMB-0230-0800-0-S0-	STD	8.00	8.0	19	63	26	4.0	2	F	I
AS-XMB-0230-1000-0-S0-	STD	10.00	10.0	22	72	29	5.0	2	F	I
AS-XMB-0230-1200-0-S0-	STD	12.00	12.0	26	83	33	6.0	2	F	I
AS-XMB-0230-1400-0-S0-	STD	14.00	14.0	26	83	33	7.0	2	F	I
AS-XMB-0230-1600-0-S0-	STD	16.00	16.0	32	92	39	8.0	2	F	I
AS-XMB-0230-1800-0-S0-	STD	18.00	18.0	32	92	39	9.0	2	F	I
AS-XMB-0230-2000-0-S0-	STD	20.00	20.0	38	104	45	10.0	2	F	I
AS-XMB-0230-0300-0-L0-	LONG	3.00	6.0	20	75	27	1.5	2	F	I
AS-XMB-0230-0400-0-L0-	LONG	4.00	6.0	25	75	32	2.0	2	F	I
AS-XMB-0230-0500-0-L0-	LONG	5.00	6.0	30	75	37	2.5	2	F	I
AS-XMB-0230-0600-0-L0-	LONG	6.00	6.0	30	75	37	3.0	2	F	I
AS-XMB-0230-0800-0-L0-	LONG	8.00	8.0	40	100	47	4.0	2	F	I
AS-XMB-0230-1000-0-L0-	LONG	10.00	10.0	40	100	47	5.0	2	F	I
AS-XMB-0230-1200-0-L0-	LONG	12.00	12.0	50	150	57	6.0	2	F	I
AS-XMB-0230-1400-0-L0-	LONG	14.00	14.0	50	150	57	7.0	2	F	I
AS-XMB-0230-1600-0-L0-	LONG	16.00	16.0	65	175	72	8.0	2	F	I
AS-XMB-0230-1800-0-L0-	LONG	18.00	18.0	65	175	72	9.0	2	F	I
AS-XMB-0230-2000-0-L0-	LONG	20.00	20.0	65	175	72	10.0	2	F	I

Ordering code for Example:-
AS-XMB-0230-0500-0-S0-F Coating FerroCon
AS-XMB-0230-0500-0-S0-I Coating InoxaCon

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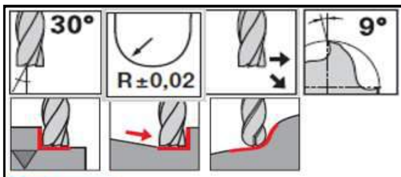
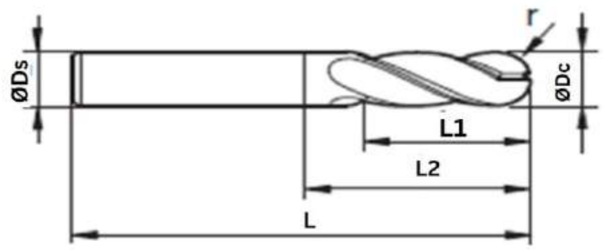


SOLID CARBIDE BALLNOSE ENDMILL - GENERAL PURPOSE



P	●
M	●
K	●
N	●
S	●
H	○

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013

Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating	
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	FerroCon	InoxaCon
AS-XMB-0430-0100-0-S0-	STD	1.00	3.0	5	38	12	0.5	4	F	I
AS-XMB-0430-0200-0-S0-	STD	2.00	3.0	7	38	14	1.0	4	F	I
AS-XMB-0430-0300-0-S0-	STD	3.00	6.0	8	57	15	1.5	4	F	I
AS-XMB-0430-0400-0-S0-	STD	4.00	6.0	9	57	16	2.0	4	F	I
AS-XMB-0430-0500-0-S0-	STD	5.00	6.0	11	57	18	2.5	4	F	I
AS-XMB-0430-0600-0-S0-	STD	6.00	6.0	13	57	20	3.0	4	F	I
AS-XMB-0430-0800-0-S0-	STD	8.00	8.0	19	63	26	4.0	4	F	I
AS-XMB-0430-1000-0-S0-	STD	10.00	10.0	22	72	29	5.0	4	F	I
AS-XMB-0430-1200-0-S0-	STD	12.00	12.0	26	83	33	6.0	4	F	I
AS-XMB-0430-1400-0-S0-	STD	14.00	14.0	26	83	33	7.0	4	F	I
AS-XMB-0430-1600-0-S0-	STD	16.00	16.0	32	92	39	8.0	4	F	I
AS-XMB-0430-1800-0-S0-	STD	18.00	18.0	32	92	39	9.0	4	F	I
AS-XMB-0430-2000-0-S0-	STD	20.00	20.0	38	104	45	10.0	4	F	I
AS-XMB-0430-0300-0-L0-	LONG	3.00	6.0	20	75	27	1.5	4	F	I
AS-XMB-0430-0400-0-L0-	LONG	4.00	6.0	25	75	32	2.0	4	F	I
AS-XMB-0430-0500-0-L0-	LONG	5.00	6.0	30	75	37	2.5	4	F	I
AS-XMB-0430-0600-0-L0-	LONG	6.00	6.0	30	75	37	3.0	4	F	I
AS-XMB-0430-0800-0-L0-	LONG	8.00	8.0	40	100	47	4.0	4	F	I
AS-XMB-0430-1000-0-L0-	LONG	10.00	10.0	40	100	47	5.0	4	F	I
AS-XMB-0430-1200-0-L0-	LONG	12.00	12.0	50	150	57	6.0	4	F	I
AS-XMB-0430-1400-0-L0-	LONG	14.00	14.0	50	150	57	7.0	4	F	I
AS-XMB-0430-1600-0-L0-	LONG	16.00	16.0	65	175	72	8.0	4	F	I
AS-XMB-0430-1800-0-L0-	LONG	18.00	18.0	65	175	72	9.0	4	F	I
AS-XMB-0430-2000-0-L0-	LONG	20.00	20.0	65	175	72	10.0	4	F	I

Ordering code for Example:-
AS-XMB-0430-0500-0-S0-F Coating FerroCon
AS-XMB-0430-0500-0-S0-I Coating InoxaCon

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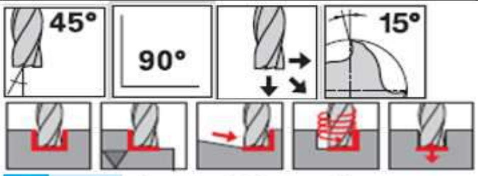
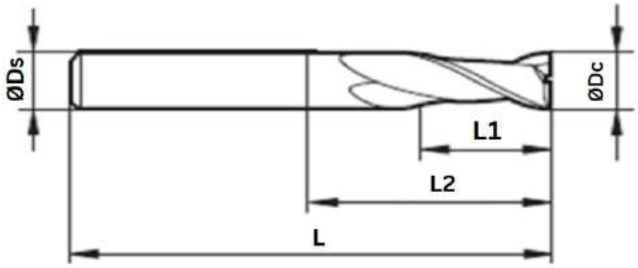
ISO 9001 : 2015

SOLID CARBIDE ENDMILL - ALUMINUM



		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P					
M		≤3	-0,014/-0,028	≤3	0/0,006
K		>3-6	-0,020/-0,038	>3-6	0/0,008
N	●	>6-10	-0,025/-0,047	>6-10	0/0,009
S		>10-18	-0,032/-0,059	>10-18	0/0,011
H		>18-30	-0,040/-0,073	>18-30	0/0,013



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm					No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	L2	Zn	Uncoated
AS-ALF-0245-0100-0-S0-	STD	1.00	3.0	5	38	12	2	U
AS-ALF-0245-0200-0-S0-	STD	2.00	3.0	7	38	14	2	U
AS-ALF-0245-0300-0-S0-	STD	3.00	6.0	9	57	16	2	U
AS-ALF-0245-0400-0-S0-	STD	4.00	6.0	12	57	19	2	U
AS-ALF-0245-0500-0-S0-	STD	5.00	6.0	15	57	22	2	U
AS-ALF-0245-0600-0-S0-	STD	6.00	6.0	20	57	27	2	U
AS-ALF-0245-0800-0-S0-	STD	8.00	8.0	20	63	27	2	U
AS-ALF-0245-1000-0-S0-	STD	10.00	10.0	22	72	29	2	U
AS-ALF-0245-1200-0-S0-	STD	12.00	12.0	25	80	32	2	U
AS-ALF-0245-1400-0-S0-	STD	14.00	14.0	32	80	39	2	U
AS-ALF-0245-1600-0-S0-	STD	16.00	16.0	32	92	39	2	U
AS-ALF-0245-1800-0-S0-	STD	18.00	18.0	38	92	45	2	U
AS-ALF-0245-2000-0-S0-	STD	20.00	20.0	38	104	45	2	U
AS-ALF-0245-0300-0-L0-	LONG	3.00	3.0	20	75	40	2	U
AS-ALF-0245-0400-0-L0-	LONG	4.00	4.0	20	75	40	2	U
AS-ALF-0245-0500-0-L0-	LONG	5.00	5.0	20	75	40	2	U
AS-ALF-0245-0600-0-L0-	LONG	6.00	6.0	30	100	50	2	U
AS-ALF-0245-0800-0-L0-	LONG	8.00	8.0	40	100	50	2	U
AS-ALF-0245-1000-0-L0-	LONG	10.00	10.0	50	100	50	2	U
AS-ALF-0245-1200-0-L0-	LONG	12.00	12.0	50	150	95	2	U
AS-ALF-0245-1400-0-L0-	LONG	14.00	14.0	60	150	95	2	U
AS-ALF-0245-1600-0-L0-	LONG	16.00	16.0	60	150	95	2	U
AS-ALF-0245-1800-0-L0-	LONG	18.00	18.0	75	150	100	2	U
AS-ALF-0245-2000-0-L0-	LONG	20.00	20.0	75	150	100	2	U

Ordering code for Example:-
AS-ALE-0245-1000-0-S0- U Coating Uncoated

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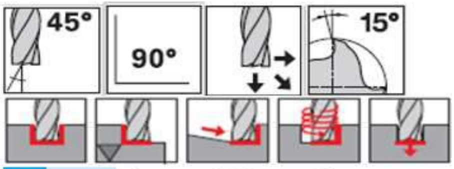
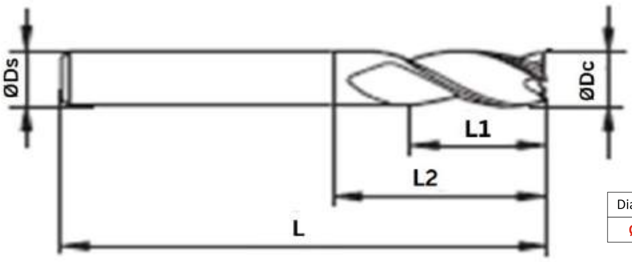
ISO 9001 : 2015

SOLID CARBIDE ENDMILL - ALUMINUM



P	
M	
K	
N	●
S	
H	

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013



Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm					No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	L2	Zn	Uncoated
AS-ALF-0345-0100-0-S0-	STD	1.00	3.0	5	38	12	3	U
AS-ALF-0345-0200-0-S0-	STD	2.00	3.0	7	38	14	3	U
AS-ALF-0345-0300-0-S0-	STD	3.00	6.0	9	57	16	3	U
AS-ALF-0345-0400-0-S0-	STD	4.00	6.0	12	57	19	3	U
AS-ALF-0345-0500-0-S0-	STD	5.00	6.0	15	57	22	3	U
AS-ALF-0345-0600-0-S0-	STD	6.00	6.0	20	57	27	3	U
AS-ALF-0345-0800-0-S0-	STD	8.00	8.0	20	63	27	3	U
AS-ALF-0345-1000-0-S0-	STD	10.00	10.0	22	72	29	3	U
AS-ALF-0345-1200-0-S0-	STD	12.00	12.0	25	80	32	3	U
AS-ALF-0345-1400-0-S0-	STD	14.00	14.0	32	80	39	3	U
AS-ALF-0345-1600-0-S0-	STD	16.00	16.0	32	92	39	3	U
AS-ALF-0345-1800-0-S0-	STD	18.00	18.0	38	92	45	3	U
AS-ALF-0345-2000-0-S0-	STD	20.00	20.0	38	104	45	3	U
AS-ALF-0345-0300-0-L0-	LONG	3.00	3.0	20	75	40	3	U
AS-ALF-0345-0400-0-L0-	LONG	4.00	4.0	20	75	40	3	U
AS-ALF-0345-0500-0-L0-	LONG	5.00	5.0	20	75	40	3	U
AS-ALF-0345-0600-0-L0-	LONG	6.00	6.0	30	100	50	3	U
AS-ALF-0345-0800-0-L0-	LONG	8.00	8.0	40	100	50	3	U
AS-ALF-0345-1000-0-L0-	LONG	10.00	10.0	50	100	50	3	U
AS-ALF-0345-1200-0-L0-	LONG	12.00	12.0	50	150	95	3	U
AS-ALF-0345-1400-0-L0-	LONG	14.00	14.0	60	150	95	3	U
AS-ALF-0345-1600-0-L0-	LONG	16.00	16.0	60	150	95	3	U
AS-ALF-0345-1800-0-L0-	LONG	18.00	18.0	75	150	100	3	U
AS-ALF-0345-2000-0-L0-	LONG	20.00	20.0	75	150	100	3	U

Ordering code for Example:-
AS-ALF-0345-1000-0-S0- U Coating Uncoated

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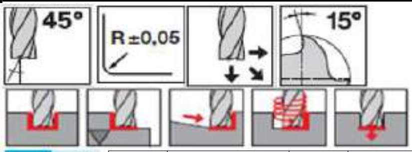
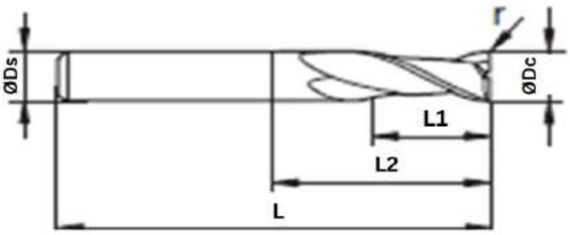


SOLID CARBIDE ENDMILL - ALUMINUM

		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P		≤3	-0,014/-0,028	≤3	0/0,006
M		>3-6	-0,020/-0,038	>3-6	0/0,008
K		>6-10	-0,025/-0,047	>6-10	0/0,009
N	●	>10-18	-0,032/-0,059	>10-18	0/0,011
S		>18-30	-0,040/-0,073	>18-30	0/0,013
H					



Diameter Range

Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	Uncoated
AS-ALR-0445-0300-R0.3-S0-	STD	3.00	6.0	9	57	16	0.3	4	U
AS-ALR-0445-0400-R0.3-S0-	STD	4.00	6.0	12	57	19	0.3	4	U
AS-ALR-0445-0400-R0.5-S0-	STD	4.00	6.0	12	57	19	0.5	4	U
AS-ALR-0445-0500-R0.3-S0-	STD	5.00	6.0	15	57	22	0.3	4	U
AS-ALR-0445-0500-R0.5-S0-	STD	5.00	6.0	15	57	22	0.5	4	U
AS-ALR-0445-0600-R0.5-S0-	STD	6.00	6.0	16	57	23	0.5	4	U
AS-ALR-0445-0600-R1.0-S0-	STD	6.00	6.0	16	57	23	1.0	4	U
AS-ALR-0445-0600-R2.0-S0-	STD	6.00	6.0	16	57	23	2.0	4	U
AS-ALR-0445-0800-R0.5-S0-	STD	8.00	8.0	20	63	27	0.5	4	U
AS-ALR-0445-0800-R1.0-S0-	STD	8.00	8.0	20	63	27	1.0	4	U
AS-ALR-0445-0800-R2.0-S0-	STD	8.00	8.0	20	63	27	2.0	4	U
AS-ALR-0445-1000-R0.5-S0-	STD	10.00	10.0	22	72	29	0.5	4	U
AS-ALR-0445-1000-R1.0-S0-	STD	10.00	10.0	22	72	29	1.0	4	U
AS-ALR-0445-1000-R2.0-S0-	STD	10.00	10.0	22	72	29	2.0	4	U
AS-ALR-0445-1200-R1.0-S0-	STD	12.00	12.0	25	75	32	1.0	4	U
AS-ALR-0445-1200-R2.0-S0-	STD	12.00	12.0	25	75	32	2.0	4	U
AS-ALR-0445-1200-R2.5-S0-	STD	12.00	12.0	25	75	32	2.5	4	U
AS-ALR-0445-1200-R3.0-S0-	STD	12.00	12.0	25	75	32	3.0	4	U
AS-ALR-0445-1400-R1.0-S0-	STD	14.00	14.0	32	90	39	1.0	4	U
AS-ALR-0445-1400-R2.0-S0-	STD	14.00	14.0	32	90	39	2.0	4	U
AS-ALR-0445-1400-R3.0-S0-	STD	14.00	14.0	32	90	39	3.0	4	U
AS-ALR-0445-1600-R1.0-S0-	STD	16.00	16.0	32	90	39	1.0	4	U
AS-ALR-0445-1600-R2.0-S0-	STD	16.00	16.0	32	90	39	2.0	4	U
AS-ALR-0445-1600-R3.0-S0-	STD	16.00	16.0	32	90	39	3.0	4	U
AS-ALR-0445-1800-R2.0-S0-	STD	18.00	18.0	38	100	45	2.0	4	U
AS-ALR-0445-1800-R3.0-S0-	STD	18.00	18.0	38	100	45	3.0	4	U
AS-ALR-0445-2000-R2.0-S0-	STD	20.00	20.0	38	100	45	2.0	4	U
AS-ALR-0445-2000-R3.0-S0-	STD	20.00	20.0	38	100	45	3.0	4	U
AS-ALR-0445-2000-R4.0-S0-	STD	20.00	20.0	38	100	45	4.0	4	U

Ordering code for Example:-

AS-ALR-0445-1000-0-S0- U Coating Uncoated

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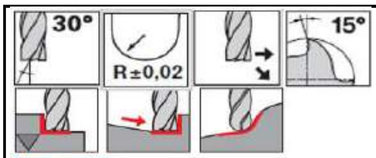
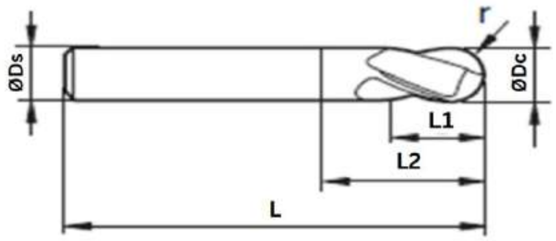
SOLID CARBIDE ENDMILL BALLNOSE - ALUMINUM



P	
M	
K	
N	●
S	
H	

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013



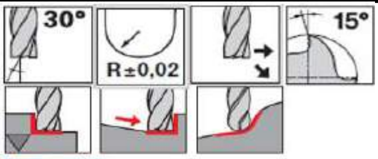
Diameter Range
Ø1.0~Ø20.0

Details		Dimensions,mm						No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	Uncoated
AS-ALB-0230-0100-0-S0-	STD	1.00	3.0	5	38	12	0.5	2	U
AS-ALB-0230-0200-0-S0-	STD	2.00	3.0	7	38	14	1.0	2	U
AS-ALB-0230-0300-0-S0-	STD	3.00	6.0	9	57	16	1.5	2	U
AS-ALB-0230-0400-0-S0-	STD	4.00	6.0	12	57	19	2.0	2	U
AS-ALB-0230-0500-0-S0-	STD	5.00	6.0	15	57	22	2.5	2	U
AS-ALB-0230-0600-0-S0-	STD	6.00	6.0	20	57	27	3.0	2	U
AS-ALB-0230-0800-0-S0-	STD	8.00	8.0	20	63	27	4.0	2	U
AS-ALB-0230-1000-0-S0-	STD	10.00	10.0	22	72	29	5.0	2	U
AS-ALB-0230-1200-0-S0-	STD	12.00	12.0	25	83	32	6.0	2	U
AS-ALB-0230-1400-0-S0-	STD	14.00	14.0	32	83	39	7.0	2	U
AS-ALB-0230-1600-0-S0-	STD	16.00	16.0	32	92	39	8.0	2	U
AS-ALB-0230-1800-0-S0-	STD	18.00	18.0	38	92	45	9.0	2	U
AS-ALB-0230-2000-0-S0-	STD	20.00	20.0	38	104	45	10.0	2	U
AS-ALB-0230-0300-0-L0-	LONG	3.00	6.0	20	75	40	1.5	2	U
AS-ALB-0230-0400-0-L0-	LONG	4.00	6.0	25	75	40	2.0	2	U
AS-ALB-0230-0500-0-L0-	LONG	5.00	6.0	30	75	40	2.5	2	U
AS-ALB-0230-0600-0-L0-	LONG	6.00	6.0	30	75	60	3.0	2	U
AS-ALB-0230-0800-0-L0-	LONG	8.00	8.0	40	100	60	4.0	2	U
AS-ALB-0230-1000-0-L0-	LONG	10.00	10.0	40	100	60	5.0	2	U
AS-ALB-0230-1200-0-L0-	LONG	12.00	12.0	50	150	100	6.0	2	U
AS-ALB-0230-1400-0-L0-	LONG	14.00	14.0	50	150	100	7.0	2	U
AS-ALB-0230-1600-0-L0-	LONG	16.00	16.0	65	175	100	8.0	4	U
AS-ALB-0230-1800-0-L0-	LONG	18.00	18.0	65	175	100	9.0	4	U
AS-ALB-0230-2000-0-L0-	LONG	20.00	20.0	65	175	100	10.0	4	U

Ordering code for Example:-
AS-ALB-0230-0500-0-S0-U Coating Uncoated

ISO 9001 : 2015

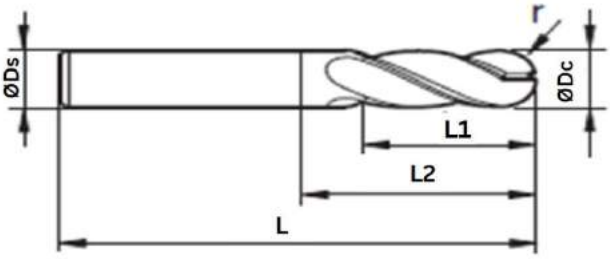
ACCUSHARP Cutting Tools Pvt. Ltd.



P	
M	
K	
N	●
S	
H	

Dc	Tolerance e8	Ds	Tolerance h6 +/-
≤3	-0,014/-0,028	≤3	0/0,006
>3-6	-0,020/-0,038	>3-6	0/0,008
>6-10	-0,025/-0,047	>6-10	0/0,009
>10-18	-0,032/-0,059	>10-18	0/0,011
>18-30	-0,040/-0,073	>18-30	0/0,013

SOLID CARBIDE ENDMILL BALLNOSE - ALUMINUM



Diameter Range
Ø1.0~Ø20.0

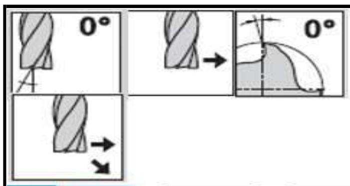
Details		Dimensions,mm						No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	L2	r	Zn	Uncoated
AS-ALB-0430-0100-0-S0-	STD	1.00	3.0	5	38	12	0.5	4	U
AS-ALB-0430-0200-0-S0-	STD	2.00	3.0	7	38	14	1.0	4	U
AS-ALB-0430-0300-0-S0-	STD	3.00	6.0	9	57	16	1.5	4	U
AS-ALB-0430-0400-0-S0-	STD	4.00	6.0	12	57	19	2.0	4	U
AS-ALB-0430-0500-0-S0-	STD	5.00	6.0	15	57	22	2.5	4	U
AS-ALB-0430-0600-0-S0-	STD	6.00	6.0	20	57	27	3.0	4	U
AS-ALB-0430-0800-0-S0-	STD	8.00	8.0	20	63	27	4.0	4	U
AS-ALB-0430-1000-0-S0-	STD	10.00	10.0	22	72	29	5.0	4	U
AS-ALB-0430-1200-0-S0-	STD	12.00	12.0	25	83	32	6.0	4	U
AS-ALB-0430-1400-0-S0-	STD	14.00	14.0	32	83	39	7.0	4	U
AS-ALB-0430-1600-0-S0-	STD	16.00	16.0	32	92	39	8.0	4	U
AS-ALB-0430-1800-0-S0-	STD	18.00	18.0	38	92	45	9.0	4	U
AS-ALB-0430-2000-0-S0-	STD	20.00	20.0	38	104	45	10.0	4	U
AS-ALB-0430-0300-0-L0-	LONG	3.00	6.0	20	75	40	1.5	4	U
AS-ALB-0430-0400-0-L0-	LONG	4.00	6.0	25	75	40	2.0	4	U
AS-ALB-0430-0500-0-L0-	LONG	5.00	6.0	30	75	40	2.5	4	U
AS-ALB-0430-0600-0-L0-	LONG	6.00	6.0	30	75	60	3.0	4	U
AS-ALB-0430-0800-0-L0-	LONG	8.00	8.0	40	100	60	4.0	4	U
AS-ALB-0430-1000-0-L0-	LONG	10.00	10.0	40	100	60	5.0	4	U
AS-ALB-0430-1200-0-L0-	LONG	12.00	12.0	50	150	100	6.0	4	U
AS-ALB-0430-1400-0-L0-	LONG	14.00	14.0	50	150	100	7.0	4	U
AS-ALB-0430-1600-0-L0-	LONG	16.00	16.0	65	175	100	8.0	4	U
AS-ALB-0430-1800-0-L0-	LONG	18.00	18.0	65	175	100	9.0	4	U
AS-ALB-0430-2000-0-L0-	LONG	20.00	20.0	65	175	100	10.0	4	U

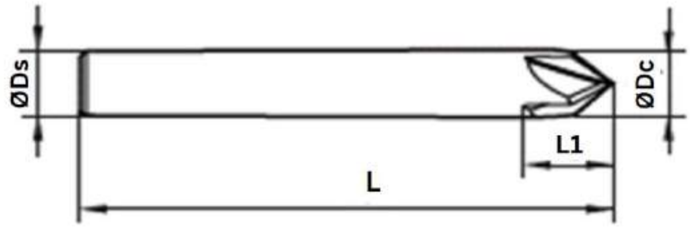
Ordering code for Example:-
AS-ALB-0430-0500-0-S0-U Coating Uncoated

ACCUSHARP Cutting Tools Pvt. Ltd.

ISO 9001 : 2015

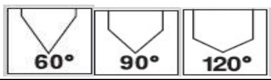
SOLID CARBIDE ENDMILL - CHAMFERING CUTTERS





		Dc	Tolerance e8	Ds	Tolerance h6 +/-
P	●	≤3	-0,014/-0,028	≤3	0/0,006
M	●	>3-6	-0,020/-0,038	>3-6	0/0,008
K	●	>6-10	-0,025/-0,047	>6-10	0/0,009
N	●	>10-18	-0,032/-0,059	>10-18	0/0,011
S	●	>18-30	-0,040/-0,073	>18-30	0/0,013
H	○				

Diameter Range
Ø1.0~Ø20.0



Details		Dimensions,mm					No of Flutes	Coating
Ordering Code	Series	Dc	Ds	L1	L	Chamfer Angle	Zn	Ferrecon
CHAMFERING CUTTERS 60°								
AS-XMC-0400-0400-60-S0-	STD	4.00	4.0	12	50	60°	4	F
AS-XMC-0400-0600-60-S0-	STD	6.00	6.0	16	57	60°	4	F
AS-XMC-0400-0800-60-S0-	STD	8.00	8.0	20	63	60°	4	F
AS-XMC-0400-1000-60-S0-	STD	10.00	10.0	22	72	60°	4	F
AS-XMC-0400-1200-60-S0-	STD	12.00	12.0	25	80	60°	4	F
AS-XMC-0400-1600-60-S0-	STD	16.00	16.0	32	90	60°	4	F
AS-XMC-0400-1800-60-S0-	STD	18.00	18.0	38	90	60°	4	F
AS-XMC-0400-2000-60-S0-	STD	20.00	20.0	38	100	60°	4	F
CHAMFERING CUTTERS 90°								
AS-XMC-0400-0400-90-S0-	STD	4.00	4.0	12	50	90°	4	F
AS-XMC-0400-0600-90-S0-	STD	6.00	6.0	16	57	90°	4	F
AS-XMC-0400-0800-90-S0-	STD	8.00	8.0	20	63	90°	4	F
AS-XMC-0400-1000-90-S0-	STD	10.00	10.0	22	72	90°	4	F
AS-XMC-0400-1200-90-S0-	STD	12.00	12.0	25	80	90°	4	F
AS-XMC-0400-1600-90-S0-	STD	16.00	16.0	32	90	90°	4	F
AS-XMC-0400-1800-90-S0-	STD	18.00	18.0	38	90	90°	4	F
AS-XMC-0400-2000-90-S0-	STD	20.00	20.0	38	100	90°	4	F
CHAMFERING CUTTERS 120°								
AS-XMC-0400-0400-120-S0-	STD	4.00	4.0	12	50	120°	4	F
AS-XMC-0400-0600-120-S0-	STD	6.00	6.0	16	57	120°	4	F
AS-XMC-0400-0800-120-S0-	STD	8.00	8.0	20	63	120°	4	F
AS-XMC-0400-1000-120-S0-	STD	10.00	10.0	22	72	120°	4	F
AS-XMC-0400-1200-120-S0-	STD	12.00	12.0	25	80	120°	4	F
AS-XMC-0400-1600-120-S0-	STD	16.00	16.0	32	90	120°	4	F
AS-XMC-0400-1800-120-S0-	STD	18.00	18.0	38	100	120°	4	F
AS-XMC-0400-2000-120-S0-	STD	20.00	20.0	38	100	120°	4	F

Ordering code for Example:-
AS-XMC-0400-1000-60-S0-F Coating FerroCon

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

CUSTOMER TESTIMONIAL

Mr.Sagar Inamdar - V P Projects, Machine Components Division.
Bharat Forge Ltd.

Major Hurdles before!

There are several carbide cutting tool manufacturing companies which are operational in and around Pune, which are closely associated with Bharat Forge. Most of the companies do not have manufacturing facilities the way their principal company belongs abroad and due to this, with a different thought process it would be appropriate to say that, carbide tools are not manufactured rather traded by these organizations. As they have a very strong influence on the Product design, Manufacturing strategy & Product Pricing. Even such sales are linked with volume requirement. This was a matter of huge concern, as nothing out of the box or as special tools with low volumes was getting addressed with such technocrat tooling companies.

Moreover, the regrinding of the tools was big concern from Accuracy and Quality point of view, as the same set-up of the original tool grinding facility is missing at various Pune destination. As well, the principal companies were not interested to put up such facility from the basic tool business economics & instructed Indian counterparts to fetch the business for the parent company which is based abroad, including regrinding business.

Even small changes in the cutting tool geometry , size or manufacturing of combination tool i.e. drill with chamfer etc. has to have a lead time of more than 8 to 12 weeks from the principal company and most concern part was , once the tools needed regrinding or re-sharpening , it has to travel back to the parent company abroad. The parent Cutting Tool Company was reluctant to share the technicalities of the tool geometry with their own Indian counterparts from a confidentiality & competition point of view. Additionally , the tools coating facility was common for all the manufactures which was of M/s. Blazers , in case of coating nothing separate or special recipe was possible with M/s.Balzers.
All such odds provoked the need of a trusted partner like M/s.Accusharp Cutting Tools at destination Pune, India.

Why Accusharp?

There are many aspects of the business with them, main is short and quick communication.
- Great Turnaround Time
- After Sales Service and Strong Technical Support
- Accommodative Approach for Price
- Exhibited Tailored Solutions

ACCUSHARP
Cutting Tools Pvt. Ltd.
ISO 9001 : 2015

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HOERBIGER	SANDVIK	CARRARO
VEEM	हिएलि HAL	बी एच ई एल BHEL
ACG Worldwide	RSB Where Dreams are Responsibilities	SECO
Kirloskar Enriching Lives	इसरो isro	TATA MOTORS Connecting Aspirations
ADVIK HI-TECH PVT. LTD.	JOHN DEERE	BHARAT FORGE KALYANI
INDO SCHÖTTLE We deliver Precision, Everytime.	Godrej	FORBES MARSHALL
Cummins	Cogeme	PIAGGIO
Mahindra	الفنار alfanar	WALCHANDNAGAR INDUSTRIES LTD.
alicon	SANSERA ideas@work	ENDURANCE Complete Solutions

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ACCUSHARP

Cutting Tools Pvt. Ltd.

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BANGALORE : 9, ST. MARK'S ROAD, SHANTHALA NAGAR, ASHOK NAGAR, BENGALURU, KARNATAKA - 560001

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SEPTEMBER, 2023