



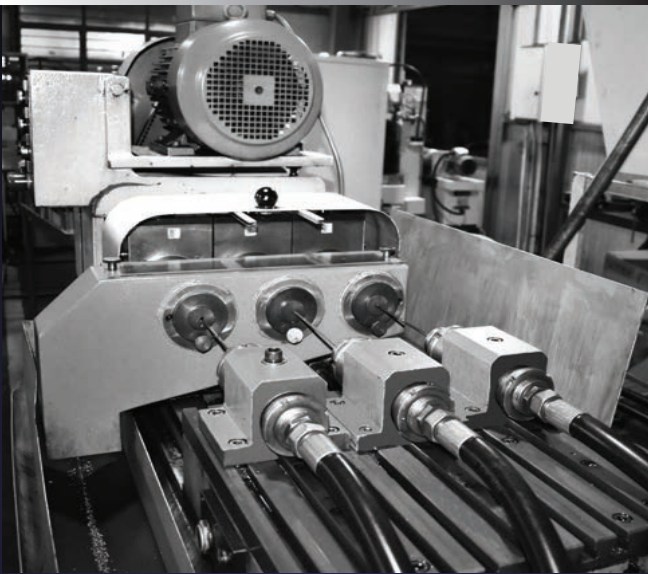
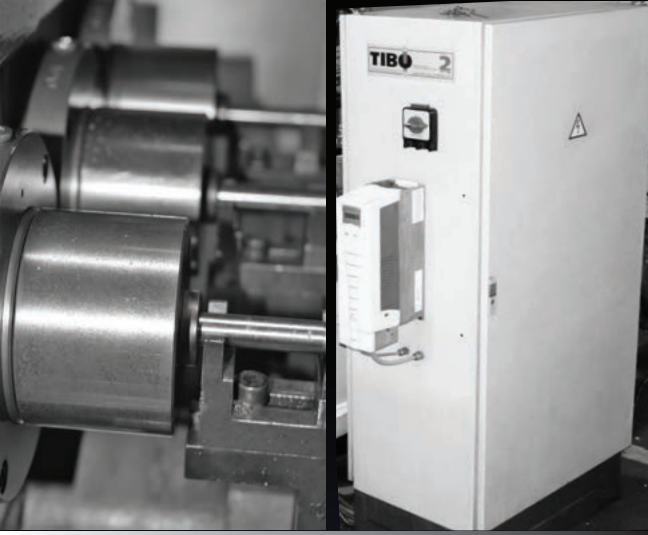
IMPRESS

PAPER DRILL BITS



CATALOG
AUGUST 2020

**LEAVING AN
EVERLASTING IMPRESSION**



WHO ARE WE ?

Established as a family owned business in 1992, we are one of the pioneers for Clicking Dies & Cutting Knives in India. With over 25 years of expertise, we have gradually and successfully ventured into the manufacturing of micro machined Cutting Tools for various industries.

WHAT WE DO ?

With an aim to surpass industry standards, we are committed to utilizing advanced manufacturing technologies to produce top quality products. Sourced from Germany, USA, Taiwan, etc., our CNC operated fully automatic SPMs are highly efficient to produce large quantities with consistent quality.

When required, our products can be customized, designed and manufactured to customers' unique specifications. Our teams of highly trained and qualified workforce provide wealth of experience to ensure high quality standards are maintained throughout the manufacturing process.

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WHY US ?

Paper Drill Bits from IMPRESS are manufactured using High Quality Special Alloy Tool Steel which are imported from Austria and Slovenia. The inside and outside surfaces are micro polished using latest honing techniques from USA; which ensures smooth ejection of the chips and longer durability.

TYPE 1



TYPE 2



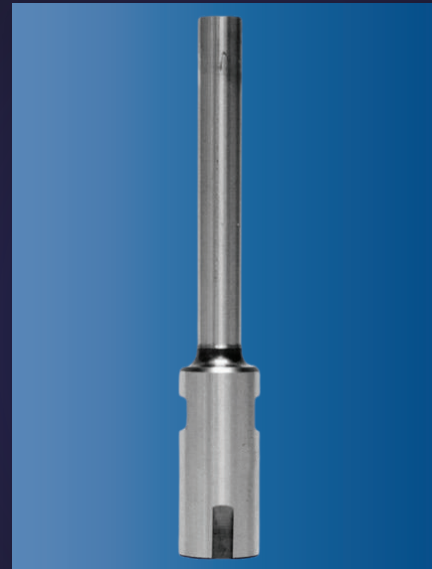
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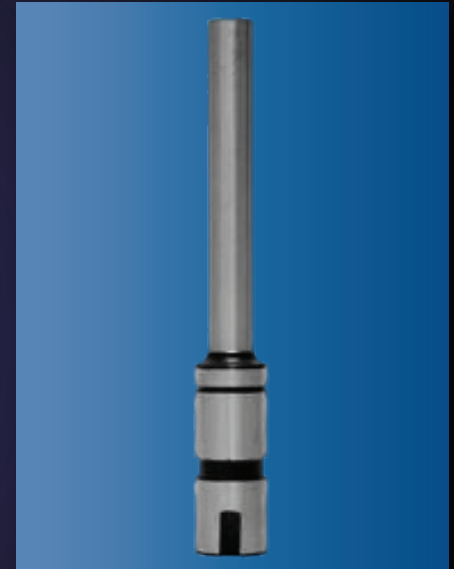
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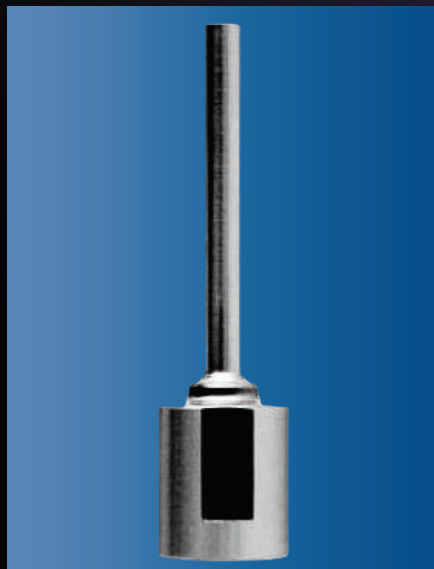
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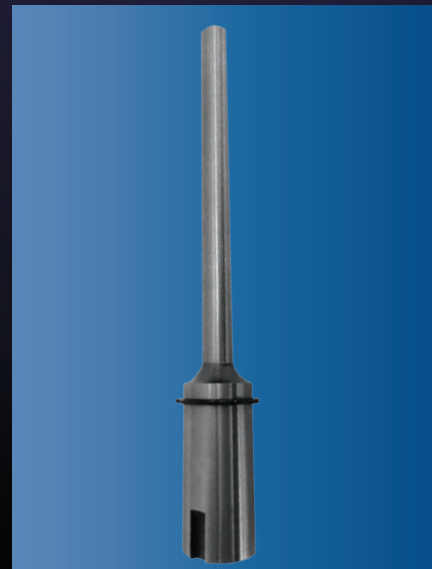
TYPE 6



TYPE 7



TYPE 8



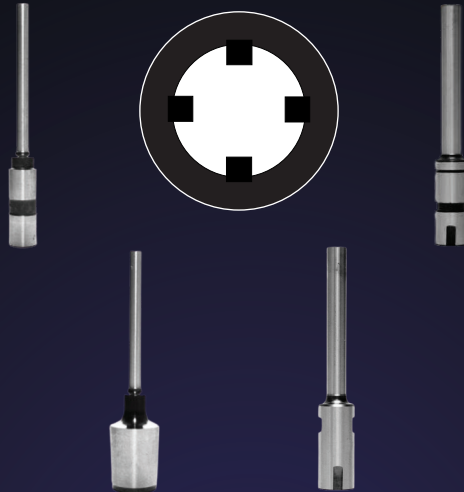
TYPE 9



FLUTED DRILL BITS

THE LATEST AND MOST ADVANCED TECHNOLOGICAL BREAKTHROUGH IN DRILL BITS.

A drill that has four flutes inside the shaft for breaking up paper chips. Ideal for drilling Coated Papers and hard materials like Chip Board and Card Stock. The flutes crimp the chips for easy ejection.



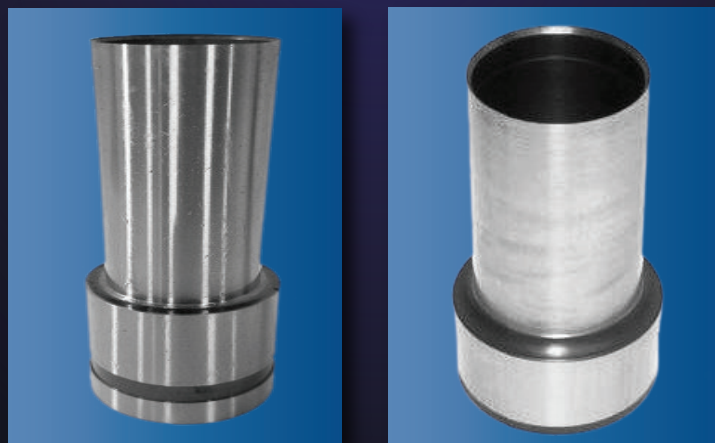
AVAILABLE IN

- Type 1
- Type 3
- Type 5
- Type 6

SIZES

- 1/4"
- 5/16"
- 3/8"
- 1/2"

JUMBO DRILL BITS



SUITABLE FOR

- Type 3
- Type 5

SIZES

- 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4"

STANDARD



Standard range of Drill Bits are coated with Dry Polymer lubricants for lowering the co-efficient of friction.

- Improves Sliding Properties
- Improves Corrosion Resistance
- Value for money

Ideal for: Offset Paper, Copying Paper, Reprographic Paper, Cardboard, etc

ION



ION as a source of energy used for chemically modifying the surface aiming to :

- Increase Surface Hardness
- Increase Wear Resistance
- Increase Fatigue Resistance
- Increase Corrosion Resistance
- Lower the Friction Coefficient

Ideal for: Offset Paper, Copying Paper, Reprographic Paper, Cardboard, etc

HARD CHROME



An electroplating process in which chromium is deposited from a chromic acid solution :

- Increases Surface Hardness
- Increases Wear Resistance
- Increases Fatigue Resistance
- Increases Corrosion Resistance
- Lowers the Friction Coefficient

Ideal for: Offset Paper, Copying Paper, Reprographic Paper, Cardboard, etc.

PVD



WC/C - based coating - a mixture of metal and diamond-like carbon :

- Reduces adhesive wear
- Low Coefficient of Friction
- Good Sliding Properties
- Reduces Surface Fatigue

Ideal for: Illustration Printing Paper, Art Paper, Digital Printing Paper, Foil Laminated Paper, Coated Paper, Plastics, Rubber, Films, etc.

TYPE 1



Suitable for : Uchida, Hang, Nagel, Dursselen, Citoborma, Corta, Iram, Babs, Foellmar, Kobald, Pescha, Stago

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
2.0	20	60	11
2.5	25	60	11
3.0 & 3.5	30	65	11
	30	85	11
	40	75	11
	50	85	11
4.0 & 4.5	40	75	11
	40	85	11
	50	85	11
	60	95	11
5.0, 5.5, 6.0 & 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0	65	100	11
	50	85	11
	55	90	11
	60	95	11
	65	100	11
	70	105	11
	75	110	11
	80	115	11
	85	120	11
	90	125	11
9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0, 12.5, 13.0, 13.5, 14.0	95	130	11
	100	135	11
	50	85	16
	55	90	16
	60	95	16
	65	100	16
	70	105	16
	75	110	16
	80	115	16
	85	120	16
90	125	16	
95	130	16	
100	135	16	

TYPE 2



Suitable for : Lihit, Martin Yale, Imperial

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
2.0, 2.5	24	82	11
	26	52	11
3.0, 3.5, 4.0, 4.5	26	52	11
	35	82	11
	45	82	11
	50	82	11
5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0	26	52	11
	50	82	11
	65	95	11

TYPE 3



Suitable for : Challenge, Lassco, Spinnet, Funditor

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0	52	80	17.78
Drill Bit Ø (Inch)	Cutting Length	Overall Length	Shank Ø
3/32", 1/8", 5/32"	2.0	3.15	0.7
3/16"	2.0	3.15	0.7
	2.5	3.55	0.7
7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 1/2"	2.0	3.15	0.7
	2.5	3.55	0.7
	3.0	4.00	0.7

TYPE 4



Suitable for : Sterling Australia

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
2.38 [3/32"]	20	80	12.6
3.17 [1/8"]	35	80	12.6
3.96 [5/32"]	40	80	12.6
4.76 [3/16"]	45	80	12.6
5.55 [7/32"]	45	80	12.6
5.95 [15/64"]	50	80	12.6
6.35 [1/4"]	50	80	12.6
7.14 [9/32"]	50	80	12.6
7.93 [5/16"]	50	80	12.6

TYPE 5



Suitable for : Nygren Dahly, Baum ND, Soag

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
2.5	20	90	14
3.0	25	90	14
3.17 [1/8"]	30	90	14
3.96 [5/32"]	30	90	14
4.0	40	90	14
4.76 [3/16"]	40	90	14
5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0	50	90	14
	65	105	14
5.55 [7/32"]	50	90	14
6.35 [1/4"]			
7.14 [9/32"]			
7.93 [5/16"]			
8.73 [11/32"]			
9.52 [3/8"]			
10.31 [13/32"]			
11.11 [7/16"]			

TYPE 6



Suitable for : Baum RD, Dexter Lawson, HFD

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
3.17 [1/8"]	30	91	12.7
3.96 [5/32"]	30	91	12.7
	72	102	12.7
4.76 [3/16"]	54	91	12.7
5.55 [7/32"]	54	91	12.7
6.35 [1/4"]	54	91	12.7
	72	102	12.7
7.14 [9/32"]	54	91	12.7
	72	102	12.7
7.93 [5/16"]	54	91	12.7
	72	102	12.7
8.73 [11/32"]	54	91	12.7
	72	102	12.7
9.52 [3/8"]	54	91	12.7
	72	102	12.7
10.31 [13/32"]	54	91	12.7

TYPE 7



Suitable for : Chandler, Pioneer

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
3.17 [1/8"]	30	66.68	17.46
4.76 [3/16"]	43	66.68	17.46
5.55 [7/32"]	45	66.68	17.46
6.35 [1/4"]	45	66.68	17.46
7.14 [9/32"]	45	66.68	17.46
7.93 [5/16"]	45	66.68	17.46
9.52 [3/8"]	45	66.68	17.46

TYPE 8



Suitable for : Iram, Sterling

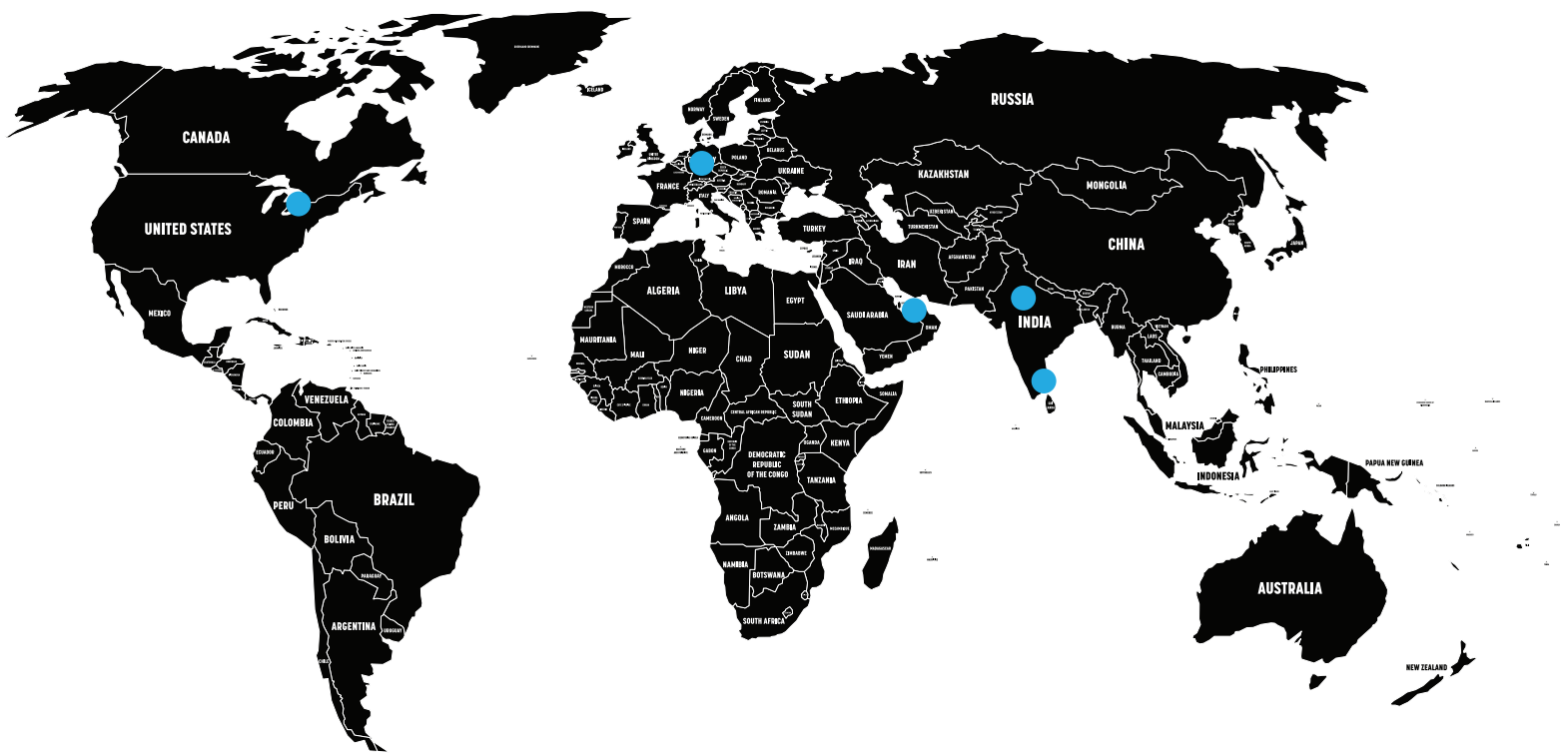
Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
3.17 [1/8"]	25	90	14.28
3.96 [5/32"]	50	90	14.28
4.76 [3/16"]	50	90	14.28
5.55 [7/32"]	50	90	14.28
6.35 [1/4"]	50	90	14.28
	76	114	14.28
7.14 [9/32"]	50	90	14.28
	76	114	14.28
7.93 [5/16"]	50	90	14.28
	76	114	14.28
9.52 [3/8"]	50	90	14.28
	76	114	14.28
12.7 [1/2"]	76	114	14.28

TYPE 9



Paper Punches

Drill Bit Ø (mm)	Cutting Length	Overall Length	Shank Ø
3.0	20	50	9.5
3.5	20	50	9.5
4.0	25	50	9.5
5.0	30	50	9.5
6.0	30	50	9.5
7.0	30	50	9.5
8.0	30	50	9.5



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