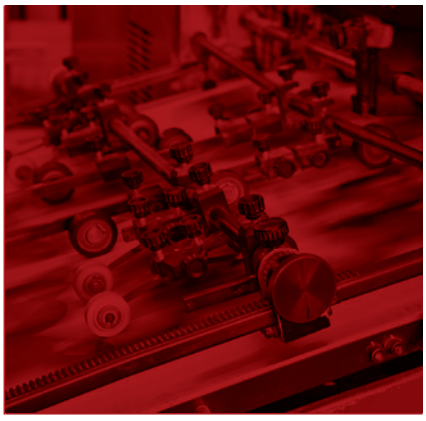
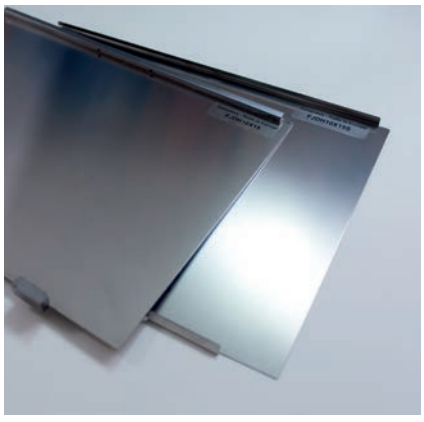
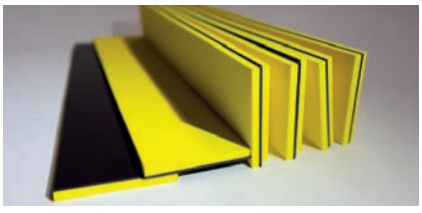
PCSGRAPHIC ARTS GROUP

THE ORIGINAL MANUFACTURER · MADE IN EUROPE







CATALOGUE

» DRUPA 2016

CATALOGUE

Pressroom Consumable
Post press Consumable
Pressroom Chemical

KATALOG

Verbrauchsmaterialien für Druckerei
Verbrauchsmaterialien für Post Druckerei
Chemie für Druckerei

CATÁLOGO

Consumibles para Impresión
Consumibles para Post-impresión
Químicos para Impresión

CATALOGUE

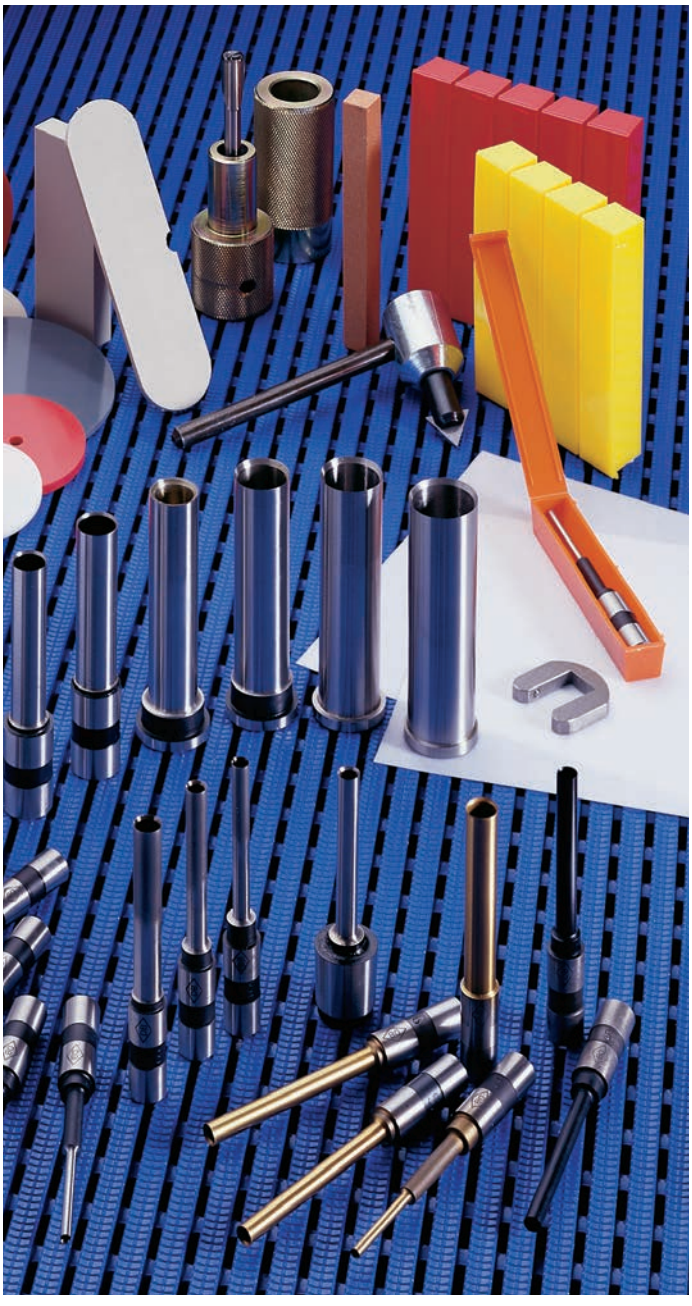
Consomables pour l'impression
Consomables Post-impression
Produits Chimiques pour impression

» NEW WEB

DURABIT

Paper Drill Bits

Brocas para Papel



The DURABIT range of Paper Drill Bits has been developed, using the latest technology to give optimum drilling performance and life for producing round holes in a wide range of papers, boards and laminates.

La gama de Brocas de Taladro DURABIT ha sido desarrollada en base a la última tecnología para ofrecer un óptimo rendimiento de perforación y vida útil, garantizando agujeros completamente redondos en papeles, cartones y láminas.

APPLICATION

- Paper Drill Bits suit a large range of paper drilling machines.
- The external diameter of the Paper Drill Bits can be matched to the size of the required hole.
- Paper Drill Bits are suitable for use on manual, semi-automatic and automatic drilling machines including single and multi-headed drills.

RANGE

Paper Drill Bits are available in:

- 13 different drill styles which suit most of the paper drilling machines in the market place.
- OEM specifications in terms of size and material are used for the production of Paper Drill Bits.
- Paper Drill Bits are manufactured in both metric and imperial measurements according to the origin of the machine and market.
- Paper Drill Bits are available with external diameters to produce holes in dimensions from 2.0mm to 22mm.
- Paper Drill Bit standard quality: HSS steel – Suitable for use on 90% of all drilling applications.
- The following special surface treatments are available on all styles and size Paper Drill Bits:

1. Tungsten Carbide Detonation – A long life coating suitable for drilling heavy board or recycled papers. The deposit of the Tungsten Carbide on the outside of the drill helps to reduce wear and the cutting edge remains sharp for a longer time.
2. Teflon Coating – Reduces frictional heat build-up when drilling light plastic laminated work. The Teflon acts as a lubrication on the surface of the drill which reduces melting of the plastic due to friction heat reduction when the Paper Drill passes through the laminate.
3. Titanium Coating – The ultimate hard wearing drills suitable for heavy boards, recycled papers and laminated materials. The coating of Titanium is both hard wearing and resists frictional heat build-up.

- DURABIT Paper Punches are also available in a range of sizes to suit paper punching applications.

QUALITY

- Both outside and inside diameters are treated with a special abrasive compound giving a smooth finished surface. This helps to reduce resistance as the drill passes through the paper and also assists the drilled waste to pass up through the centre of the drill stem.
- Razor sharp finished cutting edge and wax coated for protection until the drill is required for use.
- Diameter of the drill is clearly etched on the Drill Collar.

AVAILABILITY

- The following table lists specifications and sizes available in all 13 Paper Drill Bits styles:

APLICACIÓN

● Las Brocas de Taladro se adaptan a una amplia gama de máquinas de perforación de papel.

● El diámetro externo de las Brocas de Taladro puede ser adaptado al diámetro del agujero requerido.

●Las Brocas de Taladro son adecuadas para uso en máquinas de perforación manual, semi-automática y automática incluyendo perforaciones sencillas y multi-cabezales.

GAMA

● Las Brocas de Taladro están disponibles en:
13 diferentes estilos de perforación que se adaptan a la mayoría de las máquinas perforadoras de papel en el mercado.

● Especificaciones OEM en términos de tamaño y material son empleadas para la fabricación de Brocas de Taladro de Papel.

● Las Brocas de Taladro están fabricadas en base al sistema métrico e imperial de medidas de acuerdo con el origen de la máquina y el mercado.

● Disponibles con diámetros externos de perforación de 2.0mm a 22mm.

● Calidad estándar de la broca de perforación: Acero HSS – Adecuado para el uso en el 90% de las aplicaciones de perforación.

● Los siguientes tratamientos superficiales especiales están disponibles en todo tipo y tamaño de Broca de Taladro:

1. Revestimiento de Carburo de Tungsteno – Revestimiento duradero, adecuado para perforar cartón grueso o papel reciclado. El recubrimiento de carburo de tungsteno ayuda a reducir el desgaste y el borde de perforación permanece afilado durante más tiempo.
2. Revestimiento de Teflón – Reduce el aumento de calor por fricción en la perforación de plástico ligero laminado. El Teflón actúa a modo de lubricante en la superficie de la broca, reduciendo el grado de derretimiento del plástico, debido a la reducción del calor de fricción ,cuando la broca atraviesa la lámina.
3. Revestimiento de Titanio – Adecuado para cartones gruesos,
papeles reciclados y materiales laminados. El recubrimiento de Titanio es duradero y resiste la acumulación del calor por fricción.

● Los Punzones de Papel DURABIT están también disponibles en una amplia gama de tamaños para adaptarse a las aplicaciones depapel troquelado.

CALIDAD

● Los diámetros interior y exterior, son tratados con un compuesto abrasivo especial ofreciendo una superficie con acabado liso.

● Esto ayuda a reducir la resistencia entre la broca y el papel, al mismo tiempo que facilita que los restos de la perforación pasen a través de la barra de perforación.

● Con un acabado especial y recubrimiento de cera para dar una protección máxima a la broca durante su vida útil.

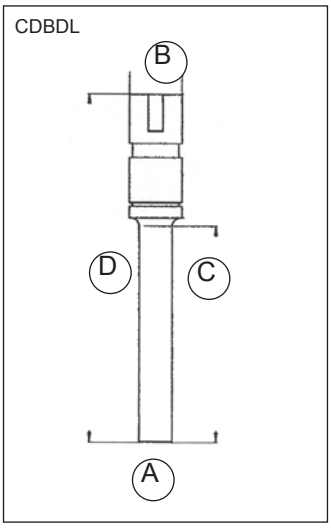
● El diámetro de la broca aparece grabado en el cuello de la misma.

DISPONIBILIDAD

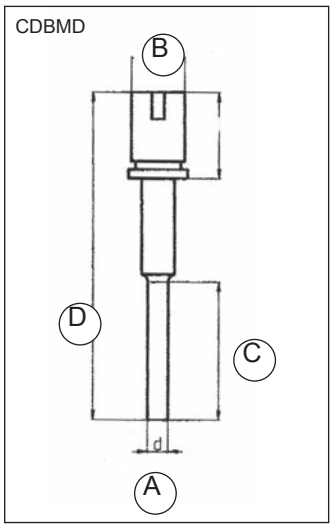
● En la siguiente tabla, se muestra la lista de especificaciones y tamaños disponible en los 13 estilos de Brocas de Taladro de Papel.

DURABIT STYLES

CDBDL



CDBMD



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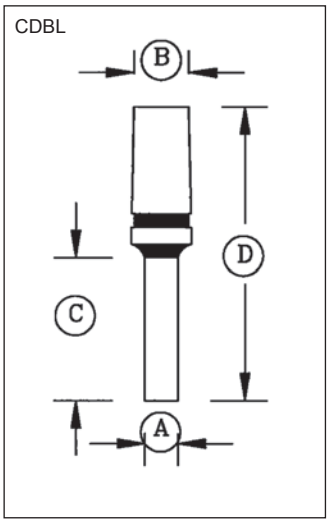
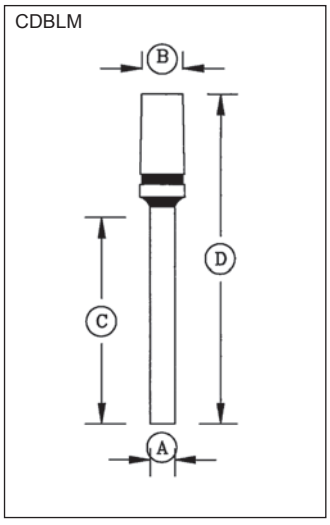
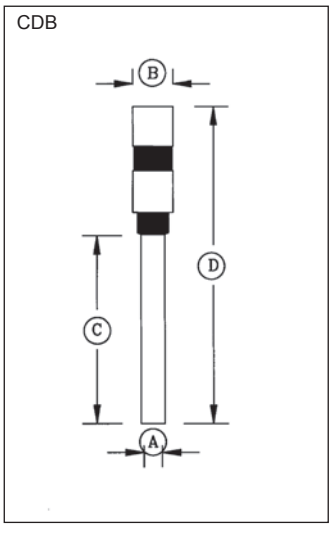


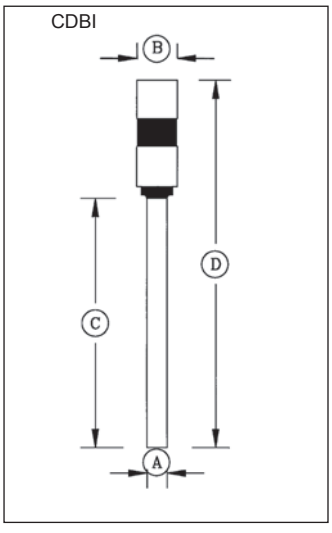
CDBLM



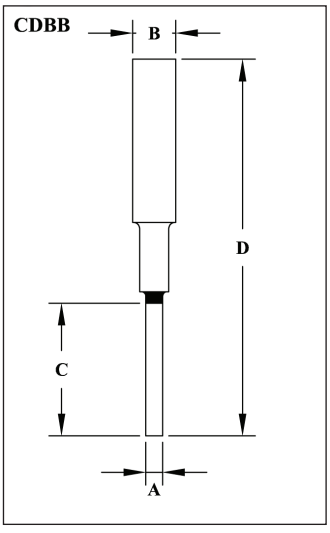
CDB



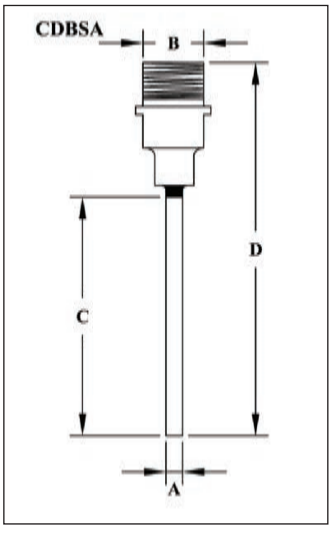
CDBI



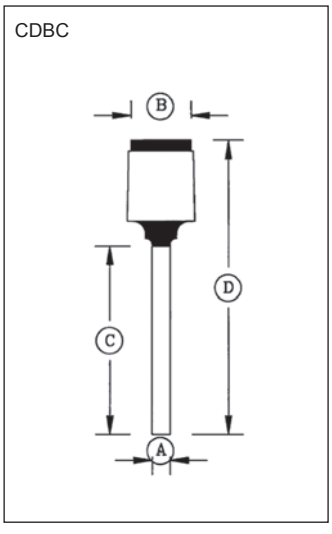
CDBB



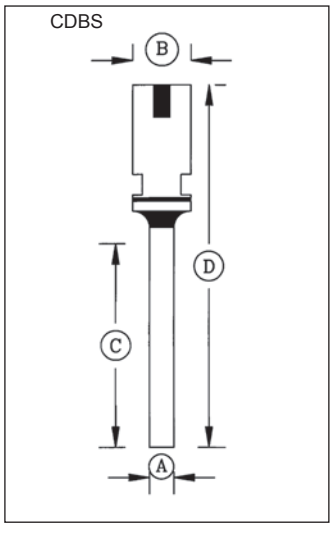
CDBSA



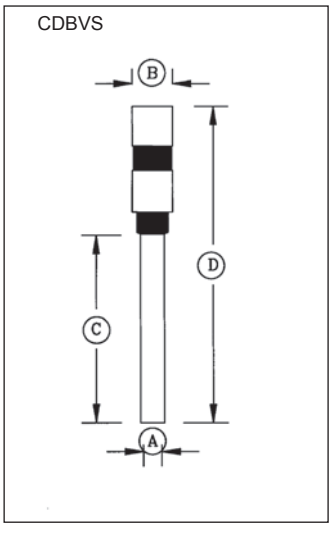
CDBC



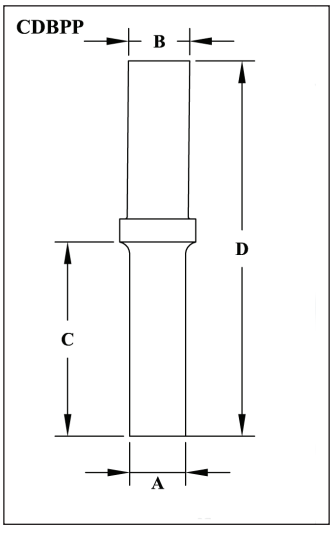
CDBS



CDBVS



CDBPP



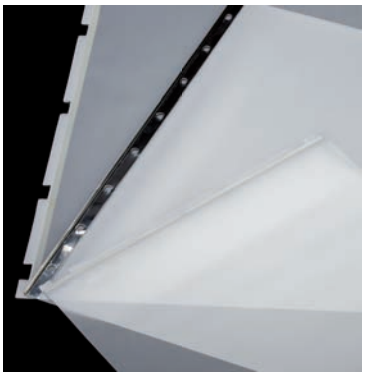
PCS Style M/C Make PCS Reference	Drill Ø (mm) A	Collar Ø (mm) B	Drilling depth (mm) C	Overall length (mm) D
STANDARD				
CDB	2	11	25	57
	2	11	25	85
Suitable for:	2.5	11	26	59
	2.5	11	26	85
Babs	3	11	33	66
Citiborma	3	11	33	85
Foellmer	3.5	11	33	66
Hang	3.5	11	33	85
Kobald	4	11	44	76
Nagel	4	11	44	86
Pescha	4.5	11	45	80
Stago	4.5	11	45	86
Uchida	5	11	52	86
	5.5	11	52	86
	6	11	52	86
	6.5	11	52	86
	7	11	52	86
	7.5	11	52	86
	8	11	52	86
	8.5	11	52	86
	9	11	52	86
	9	16	52	86
	9.5	11	52	86
	9.5	16	52	86
	10	11	52	86
	10	16	52	86
	10.5	16	52	86
	11	16	52	86
	11.5	16	52	86
	12	16	52	86
	12.5	16	52	86
	13	16	52	86
	13.5	16	52	86
	14	16	52	86
	14.5	16	52	86
	15	16	52	86
	15	24	70	80
	16	24	70	80
	17	24	70	80
	18	24	70	80
	19	24	70	80
	20	24	70	80
	21	24	70	80
	22	24	70	80
IRAM				
CDBI	4	11	44	100
	4	11	44	105
	4.5	11	45	100
	4.5	11	45	105
	5	11	65	100
	5	11	70	105
	5.5	11	65	100
	5.5	11	70	105
	6	11	65	100
	6	11	70	105
	6.5	11	65	100
	6.5	11	70	105
	7	11	65	100
	7	11	70	105
	7.5	11	65	100
	7.5	11	70	105
	8	11	65	100
	8	11	70	105
	8.5	11	65	100
	8.5	11	70	105
	9	11	65	100
	9	11	70	105
	9.5	11	65	100
	9.5	11	70	105
	10	11	65	100

PCS Style M/C Make PCS Reference	Drill Ø (mm) A	Collar Ø (mm) B	Drilling depth (mm) C	Overall length (mm) D
CHALLENGE				
CDBC	12.7 (1/2")	18	52	79
	12.7 (1/2")	18	85	101
Suitable for:	6.35 (1/4")	18	52	79
	6.35 (1/4")	18	85	101
Funditor	3.17 (1/8")	18	30	79
Spinnet	3.17 (1/8")	18	85	101
	8.73 (11/32")	18	52	79
	10.31 (13/32")	18	52	79
	4.76 (3/16")	18	40	79
	4.76 (3/16")	18	85	101
	9.52 (3/8")	18	52	79
	9.52 (3/8")	18	85	101
	7.93 (5/16")	18	52	79
	7.93 (5/16")	18	85	101
	3.96 (5/32")	18	30	79
	11.11 (7/16")	18	52	79
	5.55 (7/32")	18	52	79
	7.14 (9/32")	18	52	79
SOAG				
CDBS	6.35 (1/4")	14	50	90
	3.17 (1/8")	14	30	90
Suitable for:	10	14	50	90
	10	14	65	105
US Driller	11	14	50	90
Nygren Dahly	11	14	65	105
	8.73 (11/32")	14	50	90
	12	14	50	90
	12	14	65	105
	10.31 (13/32")	14	50	90
	3	14	30	90
	4.76 (3/16")	14	50	90
	9.52 (3/8")	14	50	90
	4	14	40	90
	5	14	50	90
	5	14	65	105
	7.93 (5/16")	14	50	90
	3.96 (5/32")	14	40	90
	6	14	50	90
	6	14	65	105
	7	14	50	90
	7	14	65	105
	11.11 (7/16")	14	50	90
	5.55 (7/32")	14	50	90
	8	14	50	90
	8	14	65	105
	9	14	50	90
	9	14	65	105
	7.14 (9/32")	14	50	90
LIHIT				
CDBL	3	10	25	52
	3.5	10	25	52
Suitable for:	4	10	25	52
	4.5	10	25	52
Small - 2001	5	10	25	52
Autopunch	5.5	10	25	52
	6	10	25	52
	6.5	10	25	52
	7	10	25	52
	8	10	25	52

PCS Style M/C Make PCS Reference	Drill Ø (mm) A	Collar Ø (mm) B	Drilling depth (mm) C	Overall length (mm) D
LIHIT MAJOR				
CDBLM	3	10	30	80
	3,5	10	30	80
Suitable for:	4	10	40	80
	4,5	10	40	80
1013 Major	5	10	50	80
	5	10	65	95
	5,5	10	50	80
	5,5	10	65	95
	6	10	50	80
	6	10	65	95
	6,5	10	50	80
	6,5	10	65	95
	7	10	50	80
	7	10	65	95
	8	10	50	80
	8	10	65	95
DEXTER LAWSON				
CDBDL	6.35 (1/4")	12,5	54	91
	6.35 (1/4")	12,5	72	102
	3.17 (1/8")	12,5	30	91
	8.73 (11/32")	12,5	54	91
	4.76 (3/16")	12,5	54	91
	9.52 (3/8")	12,5	54	91
	7.93 (5/16")	12,5	54	91
	7.93 (5/16")	12,5	72	102
	3.96 (5/32")	12,5	30	91
	3.96 (5/32")	12,5	72	102
	11.11 (7/16")	12,5	54	91
	7.14 (9/32")	12,5	54	91
	7.14 (9/32")	12,5	72	102
	10.31 (13/32")	12,5	54	91
	5.55 (7/32")	12,5	54	91
	12.7 (1/2")	12,5	54	91
	8.73 (11/32")	12,5	72	102
	9.52 (3/8")	12,5	72	102
MULTIDRILLER				
CDBMD	3	13	32	85
	3,5	13	32	85
	4	13	42	85
	4,5	13	45	85
	5	13	50	85
	5	13	65	100
	5,5	13	50	85
	5,5	13	65	100
	6	13	50	85
	6	13	65	100
	6,5	13	50	85
	6,5	13	65	100
	7	13	50	85
	7	13	65	100
	8	13	50	85
	8	13	65	100

PCS Style M/C Make PCS Reference	Drill Ø (mm) A	Collar Ø (mm) B	Drilling depth (mm) C	Overall length (mm) D
BIELOMATIK				
CDBB	6	11	31	86
STERLING AUSTRALIA				
CDBSA	6.35 (1/4")	12,6	59	84
	3.17 (1/8")	12,6	33	84
	5.95 (15/64")	12,6	-	-
	4.76 (3/16")	12,6	44	84
	3.96 (5/32")	12,6	42	84
	5.55 (7/32")	12,6	-	-
IDEAL				
CDBID	3	9,5	30	58
	3,5	9,5	30	58
	4	9,5	40	58
	4,5	9,5	40	58
	5	9,5	50	66
	5,5	9,5	50	66
	6	9,5	50	66
	6,5	9,5	50	66
	7	9,5	50	66
	8	9,5	50	66
VS10				
CDBVS	4	9,5	44	86
	5	9,5	52	86
	6	9,5	52	86
	6,5	9,5	52	86
	8	9,5	52	86
PAPER PUNCHES				
CDBPP	3	10	25	50
	3,5	10	25	50
	4	10	25	50
	4,5	10	25	50
	5	10	25	50
	5,5	10	25	50
	6	10	25	50
	6,5	10	25	50
	7	10	25	50
	7,5	10	25	50
	8	12	25	50
	8,5	12	25	50
	9	12	25	50
	9,5	12	25	50
	10	12	25	50
	10,5	16	25	50
	11	16	25	50
	12	16	25	50

MORE THAN 40 YEARS MANUFACTURING



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