

POWER TOOLS CATALOG

HIGH-PERFORMANCE DRILL BITS

**CATALOG
2026**



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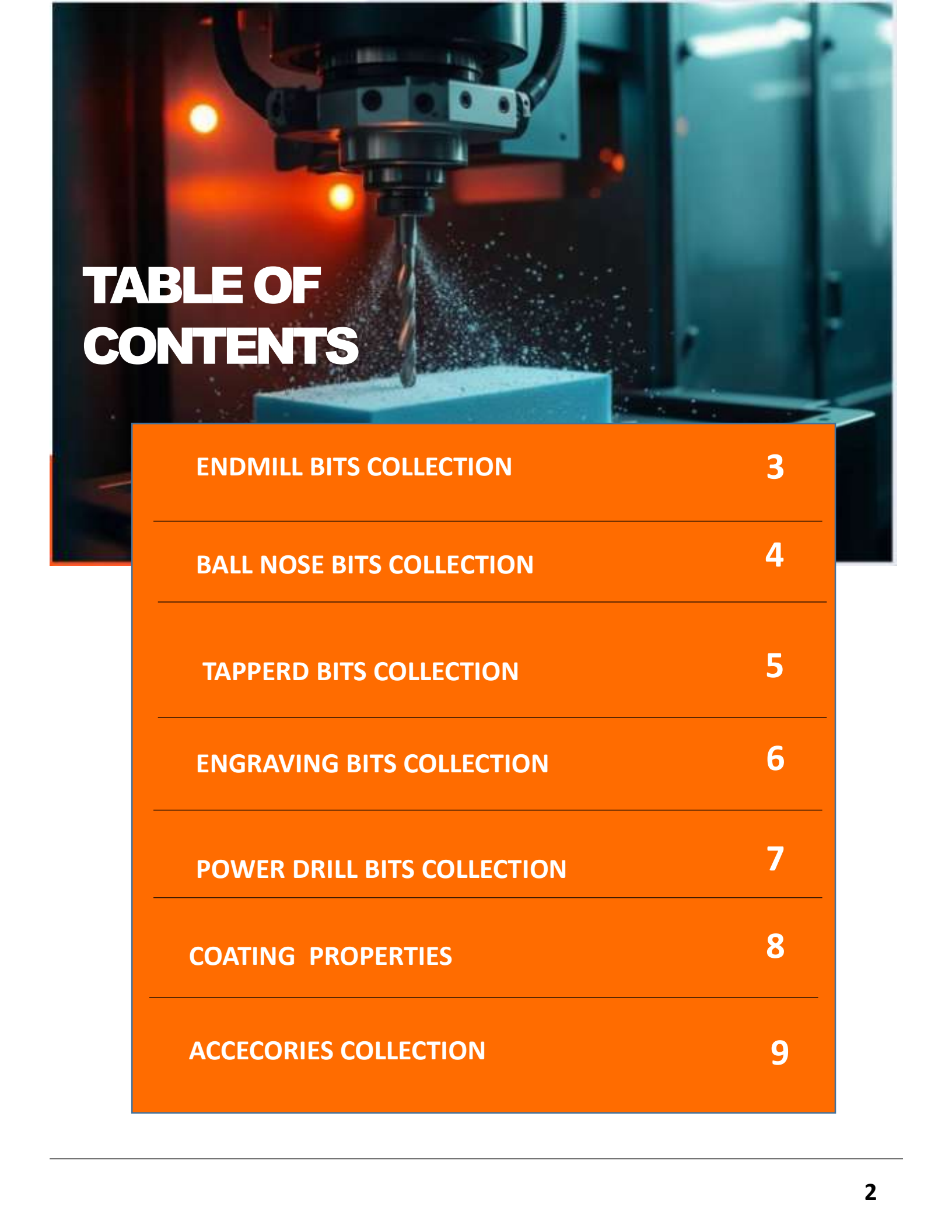


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CARBIDE ENDMILL MULTI FLUTE BITS.



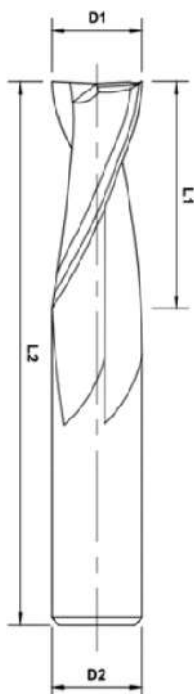
DESCRIPTION: High-grade carbide End-Mill for precision milling in steel and other hard materials.

MATERIAL:

CARBIDE

APPLICATION

**WOOD, STEEL,
FOAM, MDF**



PART ID	D1	L1	D2	L2
EM-1001-D1	1	20	3	40
EM-1001-D2	2	20	3	40
EM-1001-D3	3	20	3	40
EM-1001-D4	4	20	4	40
EM-1001-D6	6	45	6	60
EM-1001-D8	8	45	8	60
EM-1001-D10	10	100	10	120
EM-1001-D12	12	100	12	120
EM-1001-D14	14	100	14	120
EM-1001-D16	16	120	16	150
EM-1001-D18	18	120	18	150
EM-1001-D20	20	200	20	220
EM-1001-D22	22	200	22	220
EM-1001-D25	25	200	25	220
EM-1001-D30	30	300	30	320

NUMBER OF FLUTE AND FOR BIGGER LENGTH IS AVAILABLE KINDLY
CONTACT OUR SALES TEAM

CARBIDE BALLNOSE MULTI FLUTE BITS.



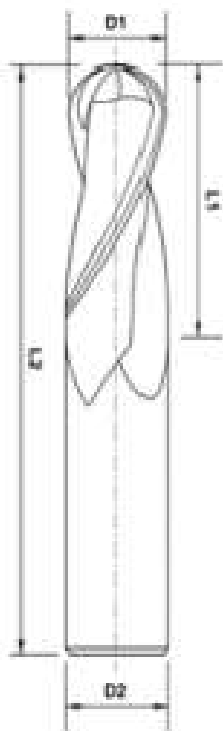
DESCRIPTION: High-grade carbide Perfect for 3D contouring and profiling applications. Provides an excellent surface finish.

MATERIAL:

CARBIDE

APPLICATION

**WOOD,STEEL,
FOAM,MDF**



PART ID	D1	L1	D2	L2
BN-2001-D1	1	20	3	40
BN-2001-D2	2	20	3	40
BN-2001-D3	3	20	3	40
BN-2001-D4	4	20	4	40
BN-2001-D6	6	45	6	60
BN-2001-D8	8	45	8	60
BN-2001-D10	10	100	10	120
BN-2001-D12	12	100	12	120
BN-2001-D14	14	100	14	120
BN-2001-D16	16	120	16	150
BN-2001-D18	18	120	18	150
BN-2001-D20	20	200	20	220
BN-2001-D22	22	200	22	220
BN-2001-D25	25	200	25	220
BN-2001-D30	30	300	30	320

NUMBER OF FLUTE AND FOR BIGGER LENGTH IS AVAILABLE KINDLY
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CARBIDE BALLNOSE MULTI FLUTE BITS.

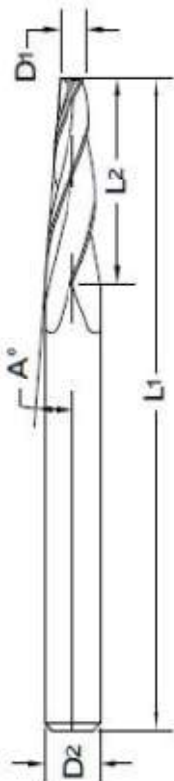
DESCRIPTION: High-grade carbide Standard end-mills with taper provide a specific angle .

MATERIAL:

CARBIDE

APPLICATION

**WOOD,STEEL,
FOAM,MDF**



PART ID	D1	L1	D2	L2	A°
TE-3001-D1	2	110	6	60	3
TE-3001-D2	3	110	8	60	3
TE-3001-D3	5	110	10	60	3
TE-3001-D4	7	110	10	60	3
TE-3001-D6	8	110	12	60	3

CUSTOM SIZES,NUMBER OF FLUTE AND FOR BIGGER LENGTH IS AVAILABLE KINDLY CONTACT OUR SALES TEAM



CARBIDE BALLNOSE MULTI FLUTE BITS.

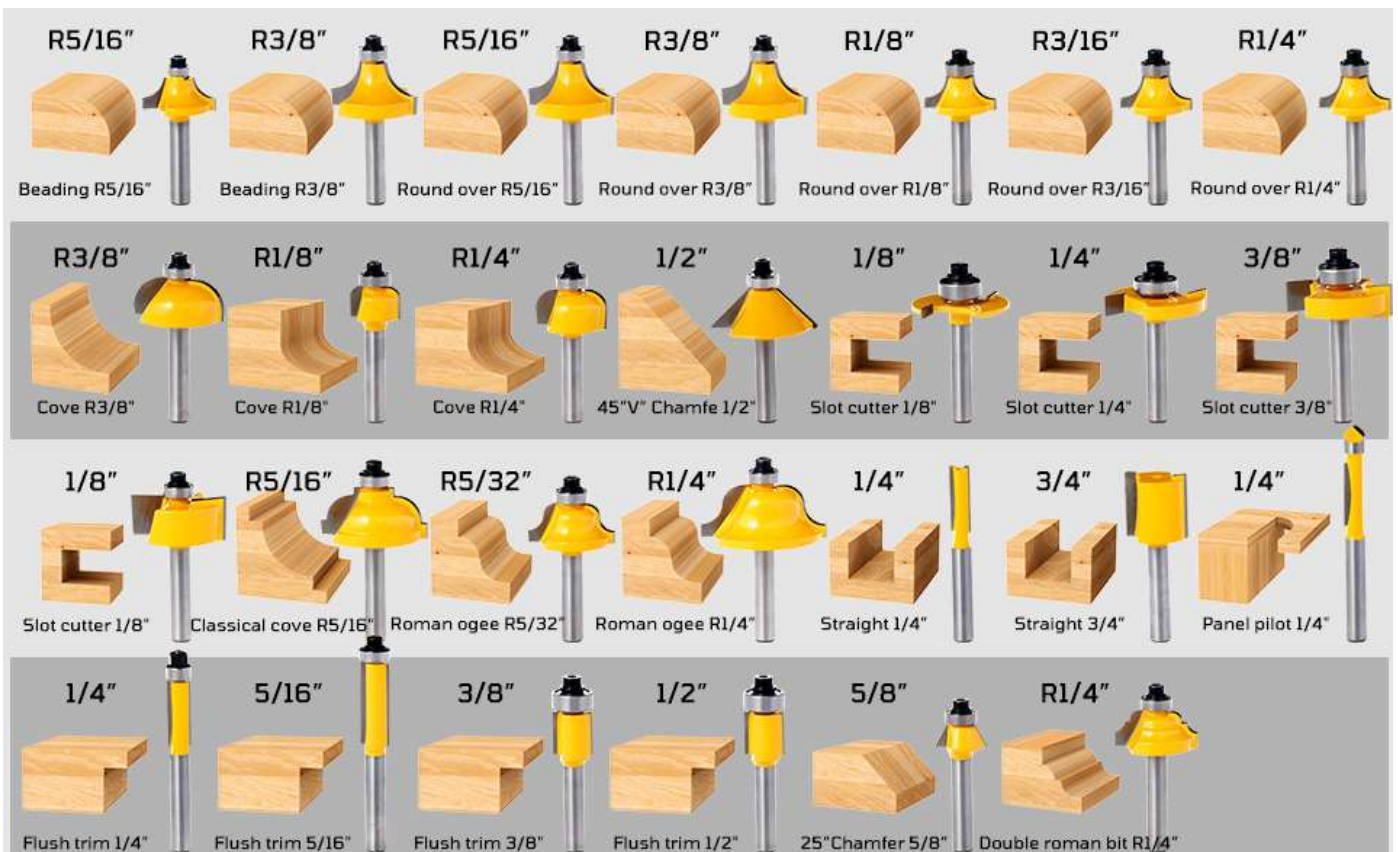
DESCRIPTION: High-grade carbide Provide a special profile as V groove Rounded groove etc.

MATERIAL:

CARBIDE

APPLICATION

WOOD, MDF



CUSTOM SIZES,NUMBER OF FLUTE AND FOR BIGGER LENGTH IS AVAILABLE KINDLY CONTACT OUR SALES TEAM



DRILL BITS.

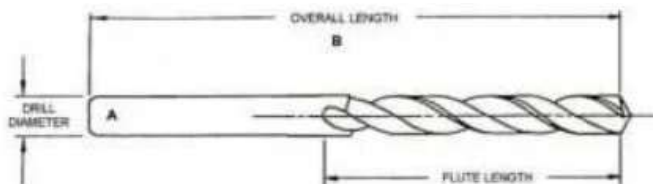
DESCRIPTION: High Grade drill bit carbide tipped for fast drilling use for drill concrete steel and wood .

MATERIAL:

SS

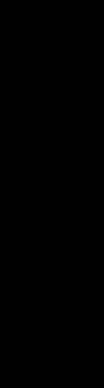
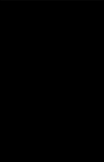
APPLICATION

**CONCRETE
STEEL, WOOD**



PART ID	A	B	C	Deg
DB-4001-D1	1	34	12	118
DB-4001-D2	2	40	18	118
DB-4001-D3	3	61	33	118
DB-4001-D4	4	75	43	118
DB-4001-D5	5	86	52	135
DB-4001-D6	6	90	57	135
DB-4001-D7	7	110	69	135
DB-4001-D8	8	120	75	135
DB-4001-D9	9	120	80	135
DB-4001-D10	10	133	90	135
DB-4001-D11	11	140	90	135
DB-4001-D12	12	150	90	135
DB-4001-D13	13	150	90	135
DB-4001-D14	14	180	140	135
DB-4001-D16	16	180	140	135
DB-4001-D18	18	200	180	135
DB-4001-D20	20	200	180	135
DB-4001-D22	22	220	190	135

COATING PROPERTIES

COATINGS	COLOR		TECHNOLOGY	THICKNESS (μm)	HARDNESS (Hv)	MAX OPERATION TEMP (°C)	COEFFICIENT OF FRICTION	APPLICATIONS
TiN	Golden Yellow		PVD	1 – 5	2000 – 2300	500	0.5 – 0.6	Cutting tools, punches, pressing die and biomaterials.
CrN	Silver Gray		PVD	1 – 5	1500 – 2000	700	0.4 – 0.6	Extrusion, stretching, sheet metal forming tools and machine components, etc. Cutting tools for Cu and Al anti-sticking of materials.
AlTiN	Black Purple		PVD	1 – 4	3000 – 3500	900	0.4 – 0.6	High speed turning, milling and drilling process. It is used for hard alloy and cast iron processing, especially in dry condition.
R7	Red Brown		PVD	1 – 4	2500 – 3000	800	0.4 – 0.6	Milling and drilling of steel products and it is especially suitable for non-continuity cutting in dry condition.
TiXH	Metallic Golden		PVD	1 – 3	3800 – 4200	1100	0.35 – 0.45	It can machine hard materials (HRC55↑) efficiently even in high temperature condition.
AlTiCrN	Gray Black		PVD	1 – 5	2800 – 3200	900	0.4 – 0.5	Recommended to extend the lifetime and corrosion resistance of coating, suitable for both wet and dry cutting condition.
Rainbow	Bright Rainbow		PECVD	1 – 2	1400 – 1500	600	0.1 – 0.2	Suitable for non-ferrous metal processing. Al, Al alloy, red Cu, etc. forming dies, machining head, and soft PCB drilling, etc.
TA	DARK Rainbow		PVD + PECVD	1 – 5	2500 – 3500	350	0.1 – 0.2	Can improve chips removal and be used for steel (HRC55↓) Ti, Ni, Cu alloy processing.
TS	Golden Rainbow		PVD + PECVD	1 – 4	3800 – 4200	1100	0.1 – 0.2	Can improve chips removal and be used for steel (HRC55↓) Ti, Ni, Cu alloy processing.
Me-DLC	Black		PVD	1 – 4	1800 – 2000	350	0.15 – 0.25	Basic wear-resistant parts. Gage, fixture, screwdriver and tools.
DLC	Black		PECVD	1 – 4	1800 – 2200	350	0.05 – 0.1	CD-R disk mold, eye glass mold, mobile phone mold, semiconductor trimming die, forming mold, IC molding mold, PM molding, compressor and machines. Components for Al alloy mold, Al alloys plastic ceramics, composites.
Me/DLC	Black		PVD + PECVD	1 – 5	1800 – 3000	350	0.1	Diesel injection, pressurization pump, cam shaft, piston and other wear-resistant tools.
ta-C	Blue Rainbow		FCVA	0.1 – 1	4000 – 8000	500	0.05 – 0.1	PCB micro-drilling, cutting tools, coating for heat dissipation in electronic component and biomaterials.
Ti(C, N)/Al ₂ O ₃	Dark Gray		Thermal CVD	5 – 15	2800 – 3000	1000	0.35 – 0.7	Inserts/molds with groove, ditch, blind hole. Especially used for punches, pins, eye forming tools.
Diamond	Dark Black		HFCVD	0.5 – 20	7000 – 9000	600	0.2 – 0.3	End mills for non-metallic materials (graphite, ceramic, metals: glass fiber, carbon fiber). Coating for heat dissipation, semiconductor materials, electrochemical electrodes.

TOOL HOLDER



ISO 30- ER32



HSK F63 - ER 40

TOOL FORKS



ISO 30 Tool Fork

COLLETS FOR CNC MACHINE



HSK F63 Tool Fork

PART ID	DIA RANGE
ER 25	2-16 MM
ER 32	2-25 MM
ER 40	2-30 MM
ER 52	3-35 MM





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